



**Lokmanya Tilak Jankalyan Shikshan Sanstha's  
PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in



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**3.5.1. Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years**

Sr. No.	Name of the MoU / linkage	Year of signing MoU / linkage	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise
1	CADD Centre, Nagpur	2023	3 year	Workshop
2	Agakar Media Pvt. Ltd	2023	5 Year	Seminar, Project Examination
3	Automechano Technologies, Nagpur	2023	5 Year	Seminar, Internship
4	Own Prep Pvt. Ltd, Nagpur	2023	3 year	Seminar, CRT
5	Pace Consultant, Nagpur	2023	3 year	Seminar
6	MAT Journals Pvt. Ltd. Uttar Pradesh, India, Pin 201014	2023	Lifetime	Editorial Board Members
7	"Kavikulguru Institute of Technology and Science (KITS), Ramtek, Maharashtra	2023	3 year	Seminars
8	K.D.K. College of Engineering, Nagpur	2022	3 year	Seminar , Conclave
9	YBI Foundation, Delhi	2022	Lifetime	Internship



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10	AD Design Solutions, Nagpur	2022	3 Years	Seminar
11	IDP Education India Pvt. Ltd.	2022	2 year	Seminar
12	Unacademy KNR Edu Services Privite Limited	2022	2 Year	Seminar
13	Aerofluter Techlabs, Nagpur	2022	1 Year	Research Project
14	Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur	2022	2022	Patent / Copyright
15	Elsevier's Computers and Electronics in Agriculture	2022	Lifetime	Review The Research Paper
16	Asian Journal of Research in Computer Science	2022	Lifetime	Review The Research Paper
17	Mesh Metric solution, Nagpur	2021	Lifetime	Seminar
18	Great Learning, Gurgaon	2020	0.5 Year	Online Classes
19	Kasnet Technology Pvt. Ltd, Pune	2020	3 Year	Seminar



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20	TensorBrew Pvt. Ltd.	2020	3 Year	Seminar
21	G H Raison College Of Engineering, Nagpur	2020	1 year	Copyright/ Expert Talk / Research Assistance
22	ITNetworkZ Infosystem Pvt Ltd Nagpur	2019	5 year	Live Project, Project Drive And Internship
23	CMS IT Training Institute, Nagpur	2019	5 year	Seminar, Webinar, Internship
24	STAMI	2019	0.5 Year	Research Support For Conference
25	JETKING Learning Centre, NAGPUR	2019	5 year	Internship
26	MBD Electrosoft Pvt. Ltd, Amrawati	2019	1 Year	Project Work
27	Rubicon Skill Development Pvt.Ltd.	2019	1 Year	Training Session, Internship
28	MCED, Maharastra Center For Entrepreneurship Development, Aurangabad	2018	Lifetime	Seminar
29	Klounds Ancyber Technologies Pvt. Ltd. Pune	2017	3 Year	Seminar
30	Indo German Tool Aurangabad	2017	2 Year	Workshop
31	A. R. Research Publication, Uttar Pradesh	2017	2020	Editorial Board Members
32	RS ebusiness solutions, Nagpur	2016	3 Year	Technical Support
33	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	2015	Lifetime	Phd Supervisor/ Curriculam Development
34	A. R. Industries, Nagpur	2014	5Year	Workshop
35	Online International Interdisciplinary Research	2013	Lifetime	Referee Board Member



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	Journal			
36	North Maharashtra University Jalgaon	2011	Lifetime	Phd Supervisor

**Certified Documents from page no. 01 to 394**

**Principal**

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CADD CENTRE – Nagpur-NANDANVAN  
AND  
Priyadarshini Bhagwati college of Engineering, Nagpur**

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MOU) entered on the 15 day of May 2023.

**By and Between**

CADD Centre Training Services, addressed at 8<sup>th</sup> Floor, Gee Crystal, # 91, Dr. Radhakrishnanan Road, Mylapore, Chennai 600 004 (hereinafter referred as "CADD Centre" for the sake of brevity) and run by Swapnil Manoharrao Udapurkar (Centre Head) having the training Centre at MB Tower, 13, Nandanvan main Road, mire layout, Jawahar Nagar, Nandanvan, Nagpur. CADD Centre, Nandanvan proudly sponsored by " **Manojyoti Infotech**" and it is committed to equip you with tools and resources to help you for achieving academic and future career success.

And

Priyadarshini Bhagwati College of Engineering, Nagpur addressed at Umred Road, Nagpur, Maharashtra.

CADD Centre Nandanvan will take multiple activities in colleges for development of students

the programs will be:

- Emerging Trends in Industry (Seminar/Workshop/Guest Lecture)
- Knowledge enrichment programs.
- Tech talk
- Paid training programs on CAD, PPM, CAE, BIM (If college can schedule as per consent thru students)
- Faculty Development Program for the technical staff department of mechanical and Civil engineering.
- CADD QUEST- scholarship exam.
- International Design competition with certification of participation.
- Introduction to CAD/CAM/CAE program for students
- Short Internship program.

### **ROLE and RESPONSIBILITY of CADD**

1. CADD will conduct the CAD/CAE training for the students of Priyadarshini college of engineering, at CADD premises at , MB Tower Nandanvan, Nagpur as mutually decided accordingly.
2. CADD is ready to provide the exposure of technical database to students of this Institute
3. CADD will try to provide the placement facilities for the students of Priyadarshini Bhagwati College of Engineering, Nagpur, who will go through proper training and project development work at CADD
4. Make the students aware of the latest tools and techniques through technical appreciation programs and keep them aware of the industry requirements.
5. Optional advanced training required by the students at a subsidized course fee.
6. Ensure all students to attend the training programs which will be scheduled for them.
7. Will Provide qualified trainers to conduct of the course.
8. Latest CAD software for training/workshops.
9. Periodical progress assessment of the students for their further improvements.

### **ROLE and RESPONSIBILITY of Priyadarshini Bhagwati college of Engineering, Nagpur**

1. Priyadarshini Bhagwati college of Engineering, Nagpur, shall create awareness among students about the needs for practical and job operational training for enhancing their own placement prospects.
2. The Priyadarshini Bhagwati college of Engineering, shall facilitate to provide the resources available for conducting seminars / expert lectures and workshops (with prior discussion on case-to-case basis) for enhancement of skills for mechanical/Civil/engineering students.

### **Jurisdiction:**

All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of Understanding or out of Relating to this Memorandum of Understanding or breach thereof shall be settled through mutually discussion.

**Termination:**

Both the college and CADD Centre shall have the rights to terminate this MOU by providing Three months' notice. Termination of this MOU for whatever reason shall be without prejudice to the rights of either party and of the students and the ongoing academic program

**Validity:**

This Memorandum of Understanding will be valid for a period of three years. This Memorandum of Understanding shall come into effect from 15/05/2023.

**Exercising Authorities-**

Priyadarshini Bhagwati college of Engineering, Nagpur:

i) Mechanical Department Head



Head

Mechanical Engg. Deptt.

For CADD CENTRE: Centre Head, CADD CENTRE  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**Interpretation and Dispute**

Any dispute or doubts as to the interpretation of the clauses here in the letter and spirit of the methodology shall be mutually discussed and settle by the between the two party and their decision in the matter shall be final and binding on both the parties.

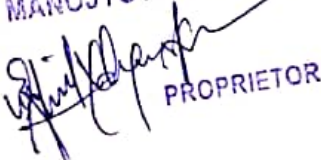
**CADD  
CENTRE**

CADD Centre, NANDANVAN-Nagpur

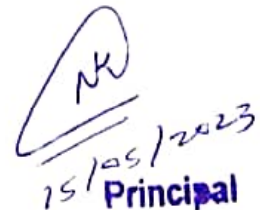
Centre Head



FOR MANOJYOTI INFOTECH  
PROPRIETOR



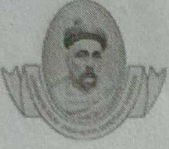
Priyadarshini Bhagwati college  
Of Engineering



15/05/2023  
Principal

Priyadarshini Bhagwati College of Eng  
Umred Road, Nagpur.





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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## Department of Mechanical Engineering

PBCOE/ME/2023-24/14

Date:- 22/05/2023

### NOTICE

All the IV<sup>th</sup> semester students of mechanical are hereby informed that Mechanical Department has organized one day Workshop on “**Mastering CAD: Empowering Mechanical Engineers with Design Software Proficiency**” by Mr. Swapnil Udupurkar, Centre Head, CADD Centre, Nagpur. The session will be conducted on **24<sup>th</sup> May 2023** at 11:30 am onward in the CAD Lab. Students from mechanical are encouraged to take benefit of this seminar.

**Mr. S. M. Pimpalgaonkar**  
H.O.D (Mech)

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation





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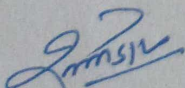


**Department of Mechanical Engineering**  
**Academic session 2023-24**


**Workshop Report on "Mastering CAD: Empowering Mechanical Engineers with Design Software Proficiency"**

1. Event Title : Workshop on "Mastering CAD: Empowering Mechanical Engineers with Design Software Proficiency"
2. Event Date and time : 24<sup>th</sup> May 2023 at 11:30 am onward
3. Event venue : CAD Lab
4. Event resource person : Mr. Swapnil Udupurkar, Centre Head, CADD Centre Nagpur.
5. Name of Event Coordinator : Dr. S. P. Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 17
7. Objective : To empower mechanical engineers with a comprehensive understanding of Computer-Aided Design (CAD) software, enabling them to create, analyze, and visualize intricate mechanical designs with efficiency and precision.
8. Outcome : The workshop aims to bridge the gap between theoretical knowledge and practical application by providing mechanical engineers with the tools and expertise to harness modern design software effectively. Participants will emerge with heightened capabilities to contribute to the design and development of mechanical systems, products, and solutions.

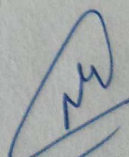


  
Dr. S.P. Daf

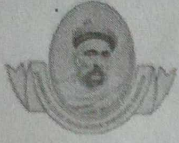
Event Incharge

  
Mr. S. M. Pimpalgaonkar

Head  
H.O. (Mech. Engg) Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari

Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



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**Department of Mechanical Engineering**  
Academic session 2023-24

**Attendance Sheet**

Name of Event: Workshop on "Mastering CAD: Empowering Mechanical Engineers with Design Software Proficiency"

Date of Event: 24<sup>th</sup> May 2023

Sr. No.	Name of Students	Sem	Signature
1	ABHISHEK PURUSHOTTAM BHONDE	IV Sem	Abhishek
2	ANUJ RAJU DHANDE	IV Sem	Anuj
3	AYUSH ANIL MULE	IV Sem	Ayush
4	AYUSH VIVEK CHAURASE	IV Sem	Ayush
5	CHETAN NAMDEO NINDEKAR	IV Sem	Chetan
6	HIMANSHU SURESH MANDAVGADE	IV Sem	Himanshu
7	KARAN PRADIP ACHARYA	IV Sem	Karan
8	MAYUR SURYAKANT SAWANE	IV Sem	Mayur
9	PRASHANT DNYANESHWAR FENDAR	IV Sem	Prashant
10	ROHAN SHANKAR KHAPRE	IV Sem	Rohan
11	SAHIL NARENDRA JAGTAP	IV Sem	Sahil
12	SANKET VISHNUJI DUDHE	IV Sem	Sanket
13	SHREYASH SHILADHAN MENDHE	IV Sem	Shreyash
14	SHUBHAM RAVISHANKAR SINGH	IV Sem	Shubham Singh
15	SURAJ VINOD TAYADE	IV Sem	Suraj
16	VAIBHAV SANJAY KITE	IV Sem	Vaibhav
17	VEDANT DILIP DHANDE	IV Sem	Vedant
18	VIPUL DEVIDAS SOMKUWAR	IV Sem	Vipul

**Head**

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg. & Tech.,  
Umred Road, Nagpur.



**AGARKARMEDIA**  
PRIVATE LIMITED

CIN: U72900MH2021PTC372026

Office Address:

A-24, NIT Complex, Ayurvedic Layout,  
Sakkardara, Nagpur, MH, India. 440024.

Contact No: +91 9843176250

GSTIN: 27AAWCA1536C1ZP

Registered Address:

Plot 593, Chitnis Nagar,  
Umred Road, Nagpur, MH, India. 440024.

Email: samyak@agarkarmedia.com

**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**AGARKARMEDIA PRIVATE LIMITED, NAGPUR**

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**Department of Computer Science and Engineering**

Legitimate From: 2<sup>nd</sup> Jan 2023 to 31<sup>st</sup> Dec 2027

**AGARKARMEDIA PRIVATE LIMITED, A-24, NIT Complex, Ayurvedic layout, Sakkardara Nagpur 24, Software & Web Development Company on behalf of itself and acting through the Director,**

AND

**This Agreement made and entered into on this 2<sup>nd</sup> day of Jan 2023 between PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, (hereinafter called "PBCE" which expression shall include its successors and permitted assignees) with its registered office at Harpur Nagar, Near Bada Taj Bagh, Umred Road, Nagpur-24.**

The aforesaid Institutions are hereinafter referred to individually as *institute* and collectively as *institutes*.

It is the statutory object to disseminate advance knowledge by providing instructional, IT Training, internship and Placement facilities in such branches of learning as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities for the promotion of:



## 1. OBJECTIVES OF THE MOU

The objectives of this Memorandum of Understanding are:

- a. To endorse interaction between **AGARKARMEDIA PRIVATE LIMITED** and **PBCE** in jointly beneficial areas towards students Technical Development.
- b. To provide a formal basis for initiating interaction between **AGARKARMEDIA PRIVATE LIMITED** and **PBCE**.
- c. To endorse and enhance academic interest between **AGARKARMEDIA PRIVATE LIMITED** and **PBCE**.
- d. To provide advice for implementation of Quality & Authorized IT & related Communication education at **PBCE**.
- e. To encourage bright students of **PBCE** to come for Internship/Industrial Visit/IT Education at **AGARKARMEDIA PRIVATE LIMITED**
- f. To endorse IT, Communication, Robotics, & Electronics related education activities between institutions.
- g. To make Students eligible & provide them platform of International Certifications towards IT and Communication.

## 2. PROPOSED MODES OF COLLABORATION

**AGARKARMEDIA PRIVATE LIMITED** and **PBCE** (For Department of Computer Science and Engineering) propose to collaborate through the following:

- a) Non-Commercial Cooperation and Promotion of Education and Training in areas of mutual interest.
- b) Any other below mentioned appropriate mode of interaction agreed upon between **AGARKARMEDIA PRIVATE LIMITED** and **PBCE**.

### Technical Areas of Collaboration

- a) A continuing IT Quality improvement programme to improve quality of Information Technology education at **PBCE** through short-term/long-term certificate courses at **AGARKARMEDIA PRIVATE LIMITED**, Faculty/Guide of **AGARKARMEDIA PRIVATE LIMITED** could also be sent to **PBCE** for necessary assistance and guidance.
- b) Provide academic interaction by delivering special lectures at **PBCE** on topics of relevance to IT industry.
- c) Provide necessary help in organizing Workshops/Conferences Programs at **PBCE** for enhancement of skills for students of **PBCE**.
- d) Provide necessary support for establishment of IT Infrastructure as needed for any IT focused activities and Webinars.
- e) Usage of Academic Infrastructure of **PBCE** for conducting Lectures/Workshops/Technical Seminars.
- f) To provide Internship programme/Industrial Visits for students of **PBCE** under Course programme of **AGARKARMEDIA PRIVATE LIMITED** Nagpur

## 3. Industrial Visits for students – Semester wise

We believe that, **Industrial Visit** is considered as one of the most tactical methods of teaching. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Moreover, it gives exposure from an academic point of view. **AGARKARMEDIA PRIVATE LIMITED** also understand that, Industrial visit is a part of an Engineering course, during which students visit companies and get insight regarding the internal working environment of a company and how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.

## 4. Internship & Live Project Development using Industry Platform – Software Programming

### Summer & Winter Internship:

An Internship at **AGARKARMEDIA PRIVATE LIMITED** provides valuable experience to all interns. As per **AGARKARMEDIA PRIVATE LIMITED** experience, it helps candidate to gain a better understanding of their knowledge, likes, dislikes, and wants for the future. It also gives them valuable hands-on experience and allows them to apply what they've learned as per their interest to a certain career field.

Interns can join & complete this Internship only at Company premises. Duration of this Internship is 6 Weeks to 8 Weeks depending upon the Company Schedule. Interns may have to spend at least 2 Hrs / day during session. Summer Internship Starts in the Month of May & June while the Winter Internship sessions starts in the month of November & December. Industry Speakers, Tech Guides and Developers covers all the sessions in Internships.

#### **Live Project Development:**

The inventiveness was created keeping the issues and concerns of the IT Industry at one end and challenges of the Educational Institutions at the other end. As part of this initiative, **AGARKARMEDIA PRIVATE LIMITED** has been nurturing the IT Industry- Educational Institutions interface through Live Industrial Projects and Real Time Development to ensure better synchronization between IT education and the industry requirements. Besides providing projects from our sister concern **AGARKARMEDIA PRIVATE LIMITED** we also have association with many IT companies who provide live modules to us.

As far as the current IT industry is concerned **AGARKARMEDIA PRIVATE LIMITED** believes supply is more than demand. Our Project Development assignment helps Students to get more practical knowledge than theoretical. The industry needs hardcore coders who will deliver quality projects adherence to timelines. Not only that current IT industry is looking for people who thinks out of box and can practically implement ideas. The significant part by doing an academic project is that the students will learn the technology thoroughly and should be able to deliver any project in that language. The most important phase of a technical student is his ability to display his/her knowledge practically.

This bond will help PBCE students to get entry for very nominal fees. Students/ Candidates would bare their own expenses for this facility. Likewise, Internship, Project trainees can join & complete this work only at Company premises. Duration of this Project work is 12 Weeks to 24 Weeks depending upon the Company Schedule. Trainees may have to spend at least 4 Hrs / day during session. Trainees would have to go through necessary training and then need to finish tasks allotted by Team Leads and Developers.

#### **5. Technical Seminars / Workshops**

**AGARKARMEDIA PRIVATE LIMITED** always give preference to keep the students well acquainted with contemporary issues in IT & its related Industries and to keep pace with the changing environment, seminars/ workshops play an vital role for development, we would organize this on Every Friday or Saturday, where our Industry experts will deliver Guest lectures, Speeches and demonstrations on recent trends (Topics and Modules wise) related to Information Technology for faculty members and students. In order to improve students' developing knack of handling interview & communication skills and to provide strong foundation of Computer languages communication workshops would be regularly organized as per mutual schedule which would also include building positive attitude, positive thinking, time management, developing interpersonal skills, developing listening skills and participation skills in group discussions etc. (For Topics, take ref of resources mentioned in para 2-d).

#### **6. IT Training's (Under- IT Infrastructure, Client & Web Based Software, Database, Cloud, Mobile Apps, etc)**

Here, IT Training is an Industrial training, method by which a student can undergo somewhat theoretical and more on practical training with an industrial undertaking having specified interest. Industrial training can be commenced on regular basis during semester of students' academic. Industrial training can be performed in a Network Infrastructure, Software, Database Management, Artificial Intelligence, Mobile Apps Development and Hardware domains.

#### **7. Placement Drive for Final Year Students:**

This facility can be availed by the students those who have gone through proper training and project development work. **AGARKARMEDIA PRIVATE LIMITED** will assist Placements for all such respective students into own (**AGARKARMEDIA PRIVATE LIMITED**) and associate Companies. This doesn't intent that it brings any sort of assurance of Students placement. **AGARKARMEDIA PRIVATE LIMITED** .and its associates do not guarantee about placements and joining.

## WHEREAS

The **PBCE** has decided to recognize **AGARKARMEDIA PRIVATE LIMITED** an approved Institution as decided by the Syndicate of the Board and to recognize to conduct various Industries/Job oriented para-professional courses under the approved institution of On campus/Off campus paraprofessional programme centers/Transfer of Technology and research programme center in collaboration with **AGARKARMEDIA PRIVATE LIMITED**

The parties have had preliminary discussions in this matter and have ascertained areas of broad consensus. The parties now, have therefore, agreed to enter in writing these areas of consensus, under a Memorandum of Understanding.

Now this Memorandum of Understanding witnesses that: The **AGARKARMEDIA PRIVATE LIMITED** (approved Institution) shall offer the above listed training and Services as approved by the PBCE for Department of **Computer Science and Engineering**. The training fees of the respective courses may be fixed and revised as and when required by the mutual consent of the PBCE and **AGARKARMEDIA PRIVATE LIMITED** (approved institution).

### 8. CONFIDENTIALITY

- a. During and for a period of Five years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
  - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
  - is already known or become known to the receiving party
  - is received from a third party having no obligations of confidentiality to the disclosing party,
  - is required to be disclosed by law or court order.

### 9. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

### 10. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 5 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Agreement, Confidentiality clause as referenced in clause 3 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

### 11. RELATIONSHIP

Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

### 12. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

### 8. MISCELLANEOUS:

The details for the efficacious implementation of this Memorandum of Understanding shall be jointly worked out on mutually acceptable terms within the parameters of the policies, rules and regulations of both the institutions.

The parties to this memorandum may, by mutual consent, add modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.

The intent and implementation of this memorandum is **SUBJECT** to the policies of the respective states (in case of international agreements) and the laws of the land.

The parties to this **MOU** undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

This MOU shall require the ratification of the competent academic/executive body of both the institutions.

**9. COSTS OF THE MOU**

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

**10. SIGNED IN DUPLICATE**

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of  
**AGARKARMEDIA PRIVATE LIMITED**

On behalf of  
**PBCE, Nagpur**

By : **AGARKARMEDIA PVT. LTD.**

By :



**DIRECTOR**

**Principal**

Name : **Mr. Samyak Vinod Agarkar**

Name : **Dr N. K. Chaudhari**

Title : **Director**

Title : **Principal**

Date : **2 Jan 2023**

Date : **2 Jan 2023**

**Dean Academics**  
**Priyadarshini Bhagwati College of Engineering, Nagpur**

Name : **Dr Mrs A R Chaudhari**  
Title : **Dean Academics & Incharge, IQAC**

Date : **2 Jan 2023**

Date : **2 Jan 2023**

**Head of Department**  
**Department of Computer Sc. & Engg.**  
**Priyadarshini Bhagwati College of Engg.**  
**Umred Road, Nagpur - 24.**

Name: **Mr. K. N. Chaudhari**  
Title: **Head of Department**  
Date: **2 Jan 2023**

Witness:

Witness:

**Dr. M. S. Chaudhari** **Head**  
**HOD - IT**  
**Information Technology Department**  
**Priyadarshini Bhagwati College of Engineering**  
**Umred Road, Nagpur.**

(Seal)

(Seal)





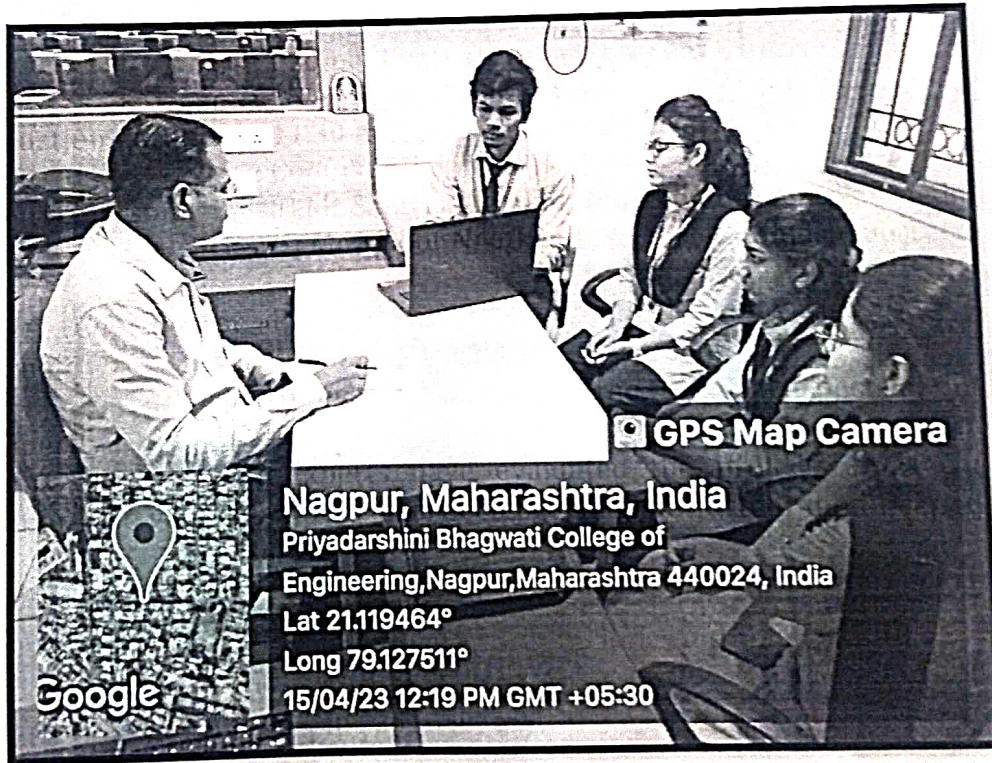
Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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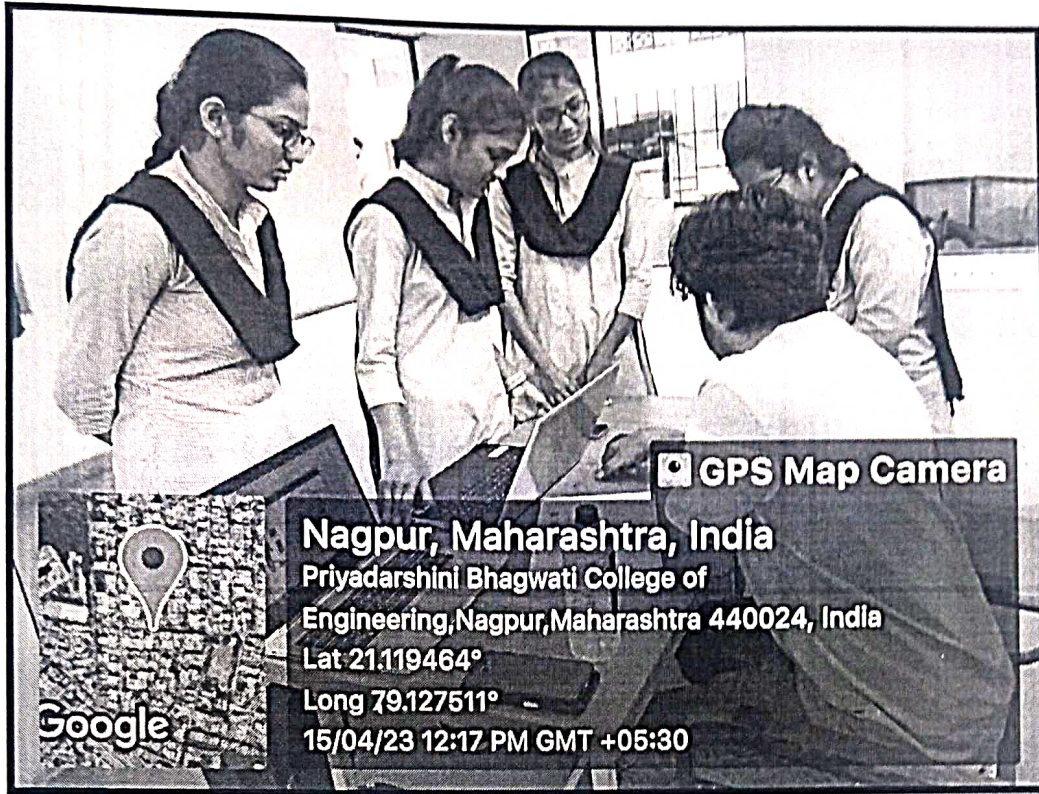
**Department of Computer Science and Engineering**  
**Academic session 2022-23**


**Report of Activity on Project Evaluation by External Experts**

1. Event Title : **Project Evaluation by External Experts**
2. Event Date : **15 April 2023 (Saturday)**
3. Event conduction duration : **11.30 AM to 2.30 PM**
4. Event venue : **Computer Centre, PBCOE, Nagpur.**
5. Event resource person : **a) Mr Samyak Agarkar, MD and CEO, Agarkar Media Pvt Ltd, Nagpur.  
b) Mr Kishor Nilatkar, Director, Automechano Technologies, Nagpur**
6. Name of Event Coordinator : **Prof D V Jamthe**
7. Sem/Branch : **VIII SEM B TECH CSE ( 72 students)**
8. Objective : **To evaluate and access the technical aspects of final year projects by industry experts.**
9. Outcome : **Experts have evaluated the projects for technical novelty and working demo. Also valuable inputs have been provided for further modifications and suggestions.**







  
15/4/23

Prof. K N Hande  
HoD

**Head**

**Computer Science & Engineering Department**  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.



Dr. Mrs A R Chaudhari  
IQAC Coordinator

**IQAC Coordinator**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Dr. N. K. Choudhari  
Principal  
**Principal**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Pravara Education Trust, Pravara Sanstha's  
PRIVABARSHINI BHAGWATI COLLEGE OF ENGINEERING  
Haripur Nagar, Unad Road (Near Badli Talbaph), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Maharashtra Technical Maharaaj Nagpur University)  
Email: princpalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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## Department of Computer Science and Engineering

Academic Session 2022-23 (EVEN SEMESTER)

PROJECT EVALUATION BY EXTERNAL EXPERT

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

### B.E. VIII SEMESTER CSE

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
4	154	Hrushika Vikas Karlekar (TL)	MR K N HANDE	NLP based video Summerisation using Machine Learning	
	163	Pranik Rambhau Yeole			
	142	Aditya Pushpraj Likhari			
	153	Himanshu Rajesh Rangari			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
9	125	Pooja Dilip Taklikar (TL)	MR K N HANDE	Design & Development of Automatic Detection System for Motorcyclists without Helmet using ML	
	126	Pranjali Sudhir Bawankar			
	115	Lekha Sunil Bhoyar			
	162	Piyush Prakash Navghare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
13	152	Gitesh Narendra Sawarkar (TL)	MR K N HANDE	Secure and Transparent Crowd-funding platform using Blockchain	
	165	Pratik Kapse			
	166	Raunak Modak			
	156	Kaustubh Dharmare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
1	129	Sakshi Rajesh Dosani Shreya Suryabhan Pardhi Anurag Gajendra Jais Deep Suresh Nikode	MS A A NIKOSE	Decentralized Social Media platform using node.js	
	132				
	146				
	148				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
5	104	Anjali Vaidya(TL) Rashmi Jadhav Aman Punekar Srushti Lokhande	MS A A NIKOSE	"Cryptofit"-Web 3.0 Decentralized App for Tracking Real-Time Dataand Performance of Cryptocurrencies in Market	
	128				
	144				
	135				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
14	147	Astik Sayare(TL) Mithesh Pounikar Ankit Mahale Keshav Lichade	MS A A NIKOSE	Automatic Image Caption generator	
	159				
	145				
	157				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
16	141	Aayush Hatwar (TL) Akshata Nikose Khushi Gaharwar Dhananjay Adikane	MS A A NIKOSE	Cafeteria Food Ordering System using QR Code	
	102				
	114				
	149				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
2	160	mohd Adnan Chodhary (TL)	MR D B KHADSE	IOT based Farm Irrigation and Fertilizer Recommendation System	Adnan
	169	Taufim Sheikh			Taufim
	164	Prasad Zade			Prasade

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
11	155	Ishan Zade (TL)	MR D B KHADSE	Fake Product Detection using Block-chain Technology	Ishan
	121	Nishtha Kalra			Nishtha
	136	Taniya Argulewar			Taniya

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
15	109	Gauri Atilkar (TL)	MR D B KHADSE	Age, Gender and Emotion Detection by using Deep Learning	Gauri
	111	Ishika Ukey			Ishika
	124	Payal Mankar			Payal

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
19	150	Gaurav Gawhane (TL)	MR D B KHADSE	Block-chain based Decentralized E-Voting System	Gaurav
	161	Nehal Bakde			Nehal
	101	Aishwarya Sahare			Aishwarya
	103	Aiksha Barapatre			Aiksha

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
3	106	Dhanashree Lokhande (TL)	MS S S WANKHEDE	Human Activity Recognition using Android Studio Smartphone	<i>D. Lokhande</i>
	127	Ranu Temre			<i>Ranu Temre</i>
	116	Likhita Wanjar			<i>Likhita Wanjar</i>
	108	Divyani Mandpati			<i>Divyani</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
6	171	Siddhant Vijay Asole (TL)	MS S S WANKHEDE	Story Hub	<i>S. Asole</i>
	134	Sonal Namdeo Yeskar			<i>Sonal Yeskar</i>
	110	Gauri Rajan Lokhande			<i>Gauri Rajan</i>
	140	Yashvi Raju Chilkankar			<i>Yashvi Raju</i>
	119	Mrunali Manoj Urade			<i>Mrunali</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
8	138	Vaishnavi Desai(TL)	MS S S WANKHEDE	IPL win Probability Predictor	<i>V. Desai</i>
	137	Vaibhavi Desai			<i>Vaibhavi</i>
	107	Disha Rajeshwar Tangade			<i>Disha</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
12	139	Vishakha Shende(TL)	MS S S WANKHEDE	Skin Cancer Prediction using Deep Learning	<i>V. Shende</i>
	133	Siddhi Nandkishor Joshi			<i>S. Joshi</i>
	173	Vinay Vijay Hiwani			<i>V. Hiwani</i>
	122	Nutan Vasanttrao Wasnik			<i>N. Wasnik</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
7	168	Samay Namdeo Chaudhari (TL)	MR D V JAMTHE	Money laundering Detection	
	167	Rushikesh Ashish Borkar			
	172	Tejas Ravi Wankhede			
	170	Shoeb Sheikh			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
10	113	Kanchan Santosh Kothar	MR D V JAMTHE	Intelligent Office Assistant using Machine Learning	
	120	Nikita Pralhad Nagpurkar			
	131	Shraddha Bhaskar Barsagade			
	117	Mahima Satish Barde			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
17	158	Mihir Parmar (TL)	MR D V JAMTHE	Web Application on Gaming Products	
	105	Chaitanya Janabandhu			
	112	Kajal Mhaiskar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
18	143	Aman Bajait (TL)	MR D V JAMTHE	Property CRM in Web and Android	
	130	Sakshi Chaware			
	151	Gaurav Varma			
	118	Mitali Wandhare			

*Done by*  
12/11/23

Mr. D. V. Jamthe

B E VIII Semester Project Incharge

Mr. K. N. Hande  
HOD, CSE Department

Head

Computer Science & Engineering Department  
Pimpri Chinchwad Education Trust  
Pimpri Chinchwad, Maharashtra.



Lokmatya Tirth Jankalyan Shiksha Sanstha's  
**PRIVADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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## Department of Computer Science and Engineering

Academic Session 2022-23 (EVEN SEMESTER)

### PROJECT EVALUATION BY EXTERNAL EXPERT

### B.E. VIII SEMESTER CSE

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
4	154	Hrushika Vikas Karlekar (TL)	MR K N HANDE	NLP based video Summerrisation using Machine Learning	Pythom JRF is used, student can take in coding will ideas; provided marking, demonstration looks good overall good work & new ideas.
	163	Pranik Rambhau Yeole			
	142	Aditya Pushpraj Likhari			
	153	Himanshu Rajesh Rangari			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
9	125	Pooja Dilip Taklikar (TL)	MR K N HANDE	Design & Development of Automatic Detection System for MotorCyclists without Helmet using ML	opencv, yellow color, OCR, tensorflow demo is working, helmet detection & no. plate detection working, shows contribution in working.
	126	Pranjali Sudhir Bawankar			
	115	Lekha Sunil Bhoyar			
	162	Piyush Prakash Navghare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
13	152	Gitesh Narendra Sawarkar (TL)	MR K N HANDE	Secure and Transparent Crowd-funding platform using Blockchain	ganache, solidity, op, PL, HTM, bootstrap CSS, web3JS, NPM. New ideas, blockchain technology, contribution in project. Code was well presented.
	165	Pratik Kapse			
	166	Raunak Modak			
	156	Kausubh Dharmare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
1	129	✓ Sakshi Rajesh Dosani	MS A A NIKOSE	Decentralized Social Media platform using node.js	Real, 8/26/25, 7/5, 11/27/25, Mangalot at contribution in code, with their common idea in advance presents demo presented, working good.
	132	✓ Shreya Suryabhan Pardhi			
	146	✓ Anurag Gajendra Jais			
	148	✓ Deep Suresh Nikode			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
5	104	✓ Anjali Vaidya(TL)	MS A A NIKOSE	"CryptoFit"-Web 3.0 Decentralized App for Tracking Real-Time Data and Performance of Cryptocurrencies in Market	Coinchecko, <del>by</del> Angular, Node.js, contribution in project work. New ideas in investment. Demo presentation. working good.
	128	✓ Rashmi Jadhav			
	144	✓ Aman Punekar			
	135	✓ Srushi Lokhande			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
14	147	✓ Astik Sayare(TL)	MS A A NIKOSE	Automatic Image Caption generator	Long Short Term Memory (LSTM) Python, CNN, RNN, also demo presented, Nice idea to convert image into text perfectly.
	159	✓ Mithesh Pounikar			
	145	✓ Ankit Mahale			
	157	✓ Keshav Lichade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
16	141	✓ Aayush Hatwar (TL)	MS A A NIKOSE	Cafeteria Food Ordering System using QR Code	2.3. PHP, Laravel, Java Script, CSS, MySQL, Bootstrap, demo is working, presentation is good. the speed mass contribution.
	102	✓ Akshata Nikose			
	114	✓ Khushi Gaharwar			
	149	✓ Dhananjay Adikane			



Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
2	160	✓ Mohd Adnan Chodhary (TL)	MR D B KHADSE	IOT based Farm Irrigation and Fertilizer Recommendation System	<p>Production3, Android, Mobile App. demo Presente d. &amp; marketing. New idea, correct idia. IOT good project. student should <del>not</del> contribute in project.</p>
	169	✓ Taufim Sheikh			
	164	✓ Prasad Zade			
11	155	Ishan Zade (TL)	MR D B KHADSE	Fake Product Detection using Block-chain Technology	<p>Blockchain, Reactjs, Node js, mysql, demo marketing. Need some improvement. Some contribution in project.</p>
	121	Nishtha Kalra			
	136	Taniya Argulewar			

*(Signature)*

Mr. Kishor Niketkar  
Director,

Kulmechakra Technologies,  
Nagpur.

*(Signature)*

Mr. Sanyak V. Agarwal

MD & CEO

Agarwal Media Pvt. Ltd.

*(Signature)*  
16/4  
C.D.V. Samble

*(Signature)*  
K N Tendre  
HOD, CSE

Head  
Computer Science & Engineering Department  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.



Pratima's Talek Janakisan Shikshan Sanshodhan  
PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING  
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**Department of Computer Science and Engineering**

**Academic Session 2022-23 (EVEN SEMESTER)**

**PROJECT EVALUATION BY EXTERNAL EXPERT**

**B.E. VIII SEMESTER CSE**

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
15	109	Gauri Atikar (TL)	MR D B KHADSE	Age, Gender and Emotion Detection by using Deep Learning	PPT → add CNN model GUI → Make it interactive
	111	Ishika Ukey			
	124	Payal Mankar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
19	150	Gaurav Gawhane (TL)	MR D B KHADSE	Block-chain based Decentralized E-Voting System	Read This Carefully Blockchain Code should be shown
	161	Nehal Bakde			
	101	Aishwarya Sahare			
	103	Alkasha Barapatre			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
3	106	Dhanashree Lokhande (TL)	MS S S WANKHEDE	Human Activity Recognition using Android Studio Smartphone	CNN is not useful in Non image based ML. Study the project carefully.
	127	Ranu Temre			
	116	Likhita Wanjari			
	108	Divyani Mandapati			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
6	171	Siddhant Vijay Asole (TL)	MS S S WANKHEDE	Story Hub	Know your project well. What is NLP API used? Combine 2 apps together
	134	Sonal Namdeo Yeskar			
	110	Gauri Rajan Lokhande			
	140	Yashsvi Raju Chiliankar			
	119	Mrunali Manoj Urade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
8	138	Vaishnavi Desai(TL)	MS S S WANKHEDE	IPL win Probability Predictor	IPL venues should be valid. Read all ML algos.
	137	Vaibhavi Desai			
	107	Disha Rajeshwar Tangade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
12	139	Vishakha Shende(TL)	MS S S WANKHEDE	Skin Cancer Prediction using Deep Learning	Use only CNN for image based classification. Use unkeyed dataset.
	133	Siddhi Nandkishor Joshi			
	173	Vinay Vijay Hiwanj			
	122	Nutan Vasanttrao Wasnik			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
7	168	Samay Namdeo Chaudhari (TL)	MR D V JAMTHE	Money laundering Detection using Machine Learning	Use unkeyed dataset. Training testing should be proper.
	167	Rushikesh Ashish Borkar			
	172	Tejas Ravi Wankhede			
	170	Shoeb Sheikh			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
10	113	Kanchan Santosh Kothar	MR D V JAMTHE	Intelligent Office Assistant using Machine Learning	Read Thesis Properly. Cover the PPTs.
	120	Nikita Pralhad Nagpurkar			
	131	Shradha Bhaskar Barsagade			
	117	Mahima Satish Barde			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
17	158	Mihir Parmar (TL)	MR D V JAMTHE	Web Application on Gaming Products	Show backend process in Thesis and PPT.
	105	Chaitanya Janabandhu			
	112	Kajal Mhaiskar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
18	143	Aman Bajait (TL)	MR D V JAMTHE	Property CRM in Web and Android	Change Hardware Software requirements. Read Thesis Carefully.
	130	Sakshi Chaware			
	151	Gaurav Verma			
	118	Mitali Wandhare			

*Samyag*

*Mr. Kishor Nilatkar*

*Mr. D. V. Jamthe*

*Mr. K. N. Hande*

Mr. Samyag Agarkar

Mr. Kishor Nilatkar

Mr. D. V. Jamthe

Mr. K. N. Hande

Developer, Designer and Business Strategist  
AgarkarMedia Pvt. Ltd., Nagpur — MD and CEO

Technical Architect / Director  
Automechano Technologies, Nagpur, India

Project Co-ordinator

Computer Science & Engineering Dept  
Prajyoti Bhaayek College of Engg  
Gandhinagar, Nagpur.

**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**Automechano Technologies**

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**Department of Computer Science and Engineering**

Legitimate From: 1<sup>st</sup> Feb 2023 to 30<sup>th</sup>Jan 2028

**Automechano Technologies, at Plot No 9, Makde layout, Bhande Plot Square, Umrer Road, Nagpur-09, Software & Web Development Company also working as an authorized Global IT Microsoft Training Centre & APTC on behalf of itself and acting through the Director,**

AND

**This Agreement made and entered into on this 1<sup>st</sup> day of Feb 2023 between PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, (hereinafter called "PBCE" which expression shall include its successors and permitted assignees) with its registered office at Harpur Nagar, Near Bada Taj Bagh, Umrer Road , Nagpur-24.**

The aforesaid Institutions are hereinafter referred to individually as *institute* and collectively as *institutes*.

It is the statutory object to disseminate advance knowledge by providing instructional, IT Training and Placement facilities in such branches of earning as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities for the promotion of:

## 1. OBJECTIVES OF THE MOU

The objectives of this Memorandum of Understanding are:

- a. To endorse interaction between **Automechano Technologies** and PBCE in jointly beneficial areas towards students Technical Development.
- b. To provide a formal basis for initiating interaction between **Automechano Technologies** and PBCE.
- c. To endorse and enhance academic interest between **Automechano Technologies** and PBCE.
- d. To provide advice for implementation of Quality & Authorized IT & related Communication education at PBCE.
- e. To encourage bright students of PBCE to come for Internship/Industrial Visit/IT Education at **Automechano Technologies**.
- f. To endorse IT, Communication, Robotics, & Electronics related education activities between institutions.
- g. To make Students eligible & provide them platform of International Certifications towards IT and Communication.

## 2. PROPOSED MODES OF COLLABORATION

**Automechano Technologies** and **PBCE** (For Department of Computer Science and Engineering) propose to collaborate through the following:

- a) Non-Commercial Cooperation and Promotion of Education and Training in areas of mutual interest.
- b) Any other below mentioned appropriate mode of interaction agreed upon between **Automechano Technologies** and PBCE.

### Technical Areas of Collaboration

- a) A continuing IT Quality improvement programme to improve quality of Information Technology education at PBCE through short-term/long-term certificate courses at **Automechano Technologies**, Faculty/Guide of **Automechano Technologies** could also be sent to PBCE for necessary assistance and guidance.
- b) Provide academic interaction by delivering special lectures at PBCE on topics of relevance to IT industry.
- c) Provide necessary help in organizing Workshops/Conferences Programs at PBCE for enhancement of skills for students of PBCE.
- d) Provide necessary support for establishment of IT Infrastructure as needed for any IT focused activities and Webinars.
- e) Usage of Academic Infrastructure of PBCE for conducting Lectures/Workshops/Technical Seminars.
- f) To provide Internship programme/Industrial Visits for students of PBCE under Course programme of **Automechano Technologies** Nagpur

### α. Industrial Visits for students – Semester wise

We believe that, **Industrial Visit** is considered as one of the most tactical methods of teaching. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Moreover, it gives exposure from an academic point of view. **Automechano Technologies** also understand that, Industrial visit is a part of an Engineering course, during which students visit companies and get insight regarding the internal working environment of a company and how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.

### β. Internship & Live Project Development using Industry Platform – Software Programming

#### Summer & Winter Internship:

An Internship at **Automechano Technologies** provides valuable experience to all interns. As per **Automechano Technologies** experience, it helps candidate to gain a better understanding of their knowledge, likes, dislikes, and wants for the future. It also gives them valuable hands-on experience and allows them to apply what they've learned as per their interest to a certain career field.

Interns can join & complete this Internship only at Company premises. Duration of this Internship is 6 Weeks to 8 Weeks depending upon the Company Schedule. Interns may have to spend at least 2 Hrs / day during session. Summer Internship Starts in the Month of May & June while the Winter Internship sessions starts in the month of November & December. Industry Speakers, Tech Guides and Developers covers all the sessions in Internships.

### **Live Project Development:**

The inventiveness was created keeping the issues and concerns of the IT Industry at one end and challenges of the Educational Institutions at the other end. As part of this initiative, **Automechano Technologies** has been nurturing the IT Industry- Educational Institutions interface through Live Industrial Projects and Real Time Development to ensure better synchronization between IT education and the industry requirements. Besides providing projects from our sister concern **Automechano Technologies** we also have association with many IT companies who provide live modules to us.

As far as the current IT industry is concerned **Automechano Technologies** believes supply is more than demand. Our Project Development assignment helps Students to get more practical knowledge than theoretical. The industry needs hardcore coders who will deliver quality projects adherence to timelines. Not only that current IT industry is looking for people who thinks out of box and can practically implement ideas. The significant part by doing an academic project is that the students will learn the technology thoroughly and should be able to deliver any project in that language. The most important phase of a technical student is his ability to display his/her knowledge practically.

This bond will help PBCE students to get entry for very nominal fees. Students/ Candidates would bare their own expenses for this facility. Likewise, Internship, Project trainees can join & complete this work only at Company premises. Duration of this Project work is 12 Weeks to 24 Weeks depending upon the Company Schedule. Trainees may have to spend at least 4 Hrs / day during session. Trainees would have to go through necessary training and then need to finish tasks allotted by Team Leads and Developers.

### **Technical Seminars / Workshops**

**Automechano Technologies** always give preference to keep the students well acquainted with contemporary issues in IT & its related Industries and to keep pace with the changing environment, seminars/ workshops play an vital role for development, we would organize this on Every Friday or Saturday, where our Industry experts will deliver Guest lectures, Speeches and demonstrations on recent trends (Topics and Modules wise) related to Information Technology for faculty members and students. In order to improve students' developing knack of handling interview & communication skills and to provide strong foundation of Computer languages communication workshops would be regularly organized as per mutual schedule which would also include building positive attitude, positive thinking, time management, developing interpersonal skills, developing listening skills and participation skills in group discussions etc. (For Topics, take ref of resources mentioned in para 2-d).

### **δ. IT Training's (Under- IT Infrastructure, Client & Web Based Software, Database, Cloud, Mobile Apps, etc)**

Here, IT Training is an Industrial training, method by which a student can undergo somewhat theoretical and more on practical training with an industrial undertaking having specified interest. Industrial training can be commenced on regular basis during semester of students' academic. Industrial training can be performed in a Network Infrastructure, Software, Database Management, Artificial Intelligence, Mobile Apps Development and Hardware domains.

**Resources as per IT International Standard and requirements are currently available for:**

**Hardware** – CompTIA A+ and Network +

**Connectivity & Security** – Devices & Connectivity, Using Live Cisco Routers & Switches, ICND, CCNP with Routing, Switching & Troubleshooting

**Network, System & Securities** – Microsoft Solutions Associate & Engineering, Exchange Server

**Wireless Tech** – Essentials of wireless communications with Antennas, Wireless Routers and other Devices

**Microsoft Platform** – C#.Net, Active Server Pages. Net, XML and SQL Server (back end), Silverlight, WCF, Etc

**Oracle Database** – Oracle SQL Expert, Forms Apps, Back up & Recovery, Performance & Tuning, latest Administration I & Administration II Tracks

**Open Source SW Platform** – Using Core Java, Advance Java and Java 2 Enterprise Edition (J2EE)

**Advance Technologies** – Struts, Eclipse, Hibernate, etc

**Web Tech** – PHP and My SQL

These modules as resources are subject to change as per the industries guidelines & up gradations and also can be added and/ or remove.

ε. **International Certifications Through Prometric & Other Test delivery partners**

**Global Need- Automechano Technologies** is an International Test Delivery Centre and helps Students as well as working professionals for scheduling and delivering International IT Exams also we assist them in preparation before attempting to respective exams. These IT Certification brings with it industry recognition, improved job opportunities, and improved pay. Folks who want to self-study for a certification can do so. They don't have to go to any other place to get trained. **Automechano Technologies** Training that leads to IT certification is cheaper and of a shorter duration than comparable degree programs. IT certifications allow an individual to focus on a topic of interest without HAVING to take non-essential courses. The IT & Communication certification process is job- and skills-oriented. Students and Candidates learn how to do a task, how to troubleshoot a problem, and how to reason through a design. It is real-world oriented. It is not an ivory tower exercise in killing time.

**General Idea** - The IT training and certification industry is open to people of all ages and backgrounds. Anyone who wants to change careers, wants to learn new skills, and is willing to learn and work hard can be successful in IT. Students/ Candidates those who are 18 years old or 80 years old, you can have a good career in IT through the certification options available.

**Facts:**

- **86%** of hiring managers indicate IT certifications are a **high or medium priority** during the candidate evaluation process. (CompTIA, *Employer Perceptions of IT Training and Certification*, January 2011).
- **8 in 10** HR execs verify certifications among job candidates. (CompTIA, *Employer Perceptions of IT Training and Certification*, January 2011).
- **91%** of hiring managers consider certification as part of their hiring criteria. (Microsoft, *Microsoft Certification Program Satisfaction Study*, April 2012).
- **64%** of IT hiring managers rate certifications as having **extremely high or high value in validating the skills and expertise** of job candidates. (CompTIA, *Employer Perceptions of IT Training and Certification*, January 2011)
- **Certification, Training and Experience** are three of the top four **most important characteristics** when selecting a candidate for a cloud-related position. (IDC/Microsoft, *Climate Change: Cloud's Impact on IT Organizations and Staffing*, November 2012)

**Challenge** - The only confusing and difficult part of Certifications is that, the certification process can cost a high amount in terms of finances and time. Most of the available certifications can be earned through experience and self-study, while some require high-cost instructor-led training. There are too many certifications available and student or candidate needs to decide this by them self.

**Companies Who Offer** – Apple, Black Berry, CompTIA, EMC2, Redhat Teradata, Oracle, Microsoft, IBM, Google, Planet 3 Wireless, Cisco Systems, TCS, Magento, Zend and other Global Brands.

φ. **Placement Drive for Final Year Students:**

This facility can be availed by the students those who have gone through proper training and project development work. **Automechano Technologies** will assist Placements for all such respective students into own **Automechano Technologies**) and associate Companies. This doesn't intent that it brings any sort of assurance of Students placement. IT-NetworkZ and its associates do not guarantee about placements and joining.

**WHEREAS**

The **PBCE** has decided to recognize **Automechano Technologies** an approved Institution as decided by the Syndicate of the Board and to recognize to conduct various Industries/Job oriented para-professional courses under the approved institution of On campus/Off campus paraprofessional programme centers/Transfer of Technology and research programme center in collaboration with **Automechano Technologies**.

The parties have had preliminary discussions in this matter and have ascertained areas of broad consensus. The parties now, have therefore, agreed to enter in writing these areas of consensus, under a Memorandum of Understanding.



Now this Memorandum of Understanding witnesses that: The **Automechano Technologies** (approved Institution) shall offer the above listed training and Services as approved by the PBCE for Department of Electronics & Communication Engineering. The training fees of the respective courses may be fixed and revised as and when required by the mutual consent of the PBCE and **Automechano Technologies** (approved institution).

### 3. CONFIDENTIALITY

- a. During and for a period of Four years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
  - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
  - is already known or become known to the receiving party
  - is received from a third party having no obligations of confidentiality to the disclosing party,
  - is required to be disclosed by law or court order.

### 4. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

### 5. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 4 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Agreement, Confidentiality clause as referenced in clause 3 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

### 6. RELATIONSHIP

Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

### 7. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

### 8. MISCELLANEOUS:

The details for the efficacious implementation of this Memorandum of Understanding shall be jointly worked out on mutually acceptable terms within the parameters of the policies, rules and regulations of both the institutions.

The parties to this memorandum may, by mutual consent, add modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.

The intent and implementation of this memorandum is **SUBJECT** to the policies of the respective states (in case of international agreements) and the laws of the land.

The parties to this **MOU** undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

This MOU shall require the ratification of the competent academic/executive body of both the institutions.

each Party shall bear the respective costs of carrying out the obligations under this MOU.

**10. SIGNED IN DUPLICATE**

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

**Automechano Technologies**

By : 


Name : Mr.Kishor Nilatkar

Title : Director

Date : 1 Feb 2023

On behalf of

**PBCE, Nagpur**

By : 

Name : Dr N. K. Chaudhari **Principal**

Title : Principal

Date : 1 Feb 2023

**Priyadarshini Bhagwati College of Engg**  
**Umred Road, Nagpur.**

Date : 1 Feb 2023

Date : 1 Feb 2023

Name : Mr.K.N.Hande **Head**

Title : Head of Department **Engineering Department**

Date: 1 Feb 2023

**Priyadarshini Bhagwati College of Engineering**  
**Umred Road, Nagpur.**

Witness:

Witness:

  
Dr. M.S. Chaudhari

**Head**  
HOD - **Information Technology Department**  
**Priyadarshini Bhagwati College of Engineering**  
**Umred Road, Nagpur.**

(Seal)



(Seal)





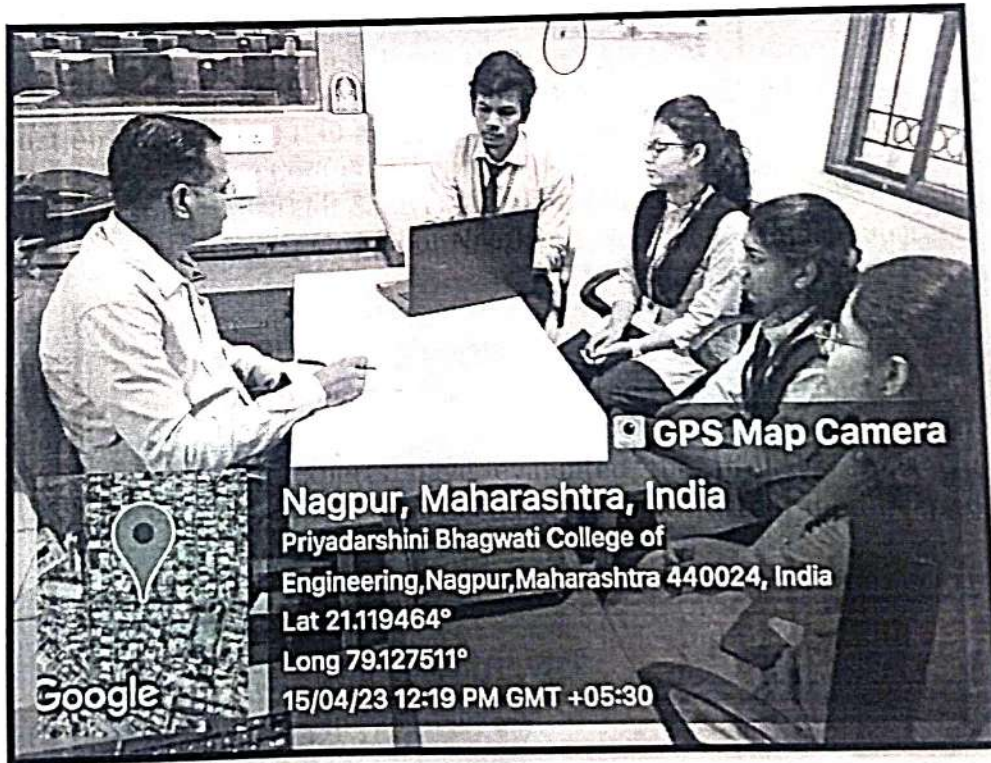
Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**

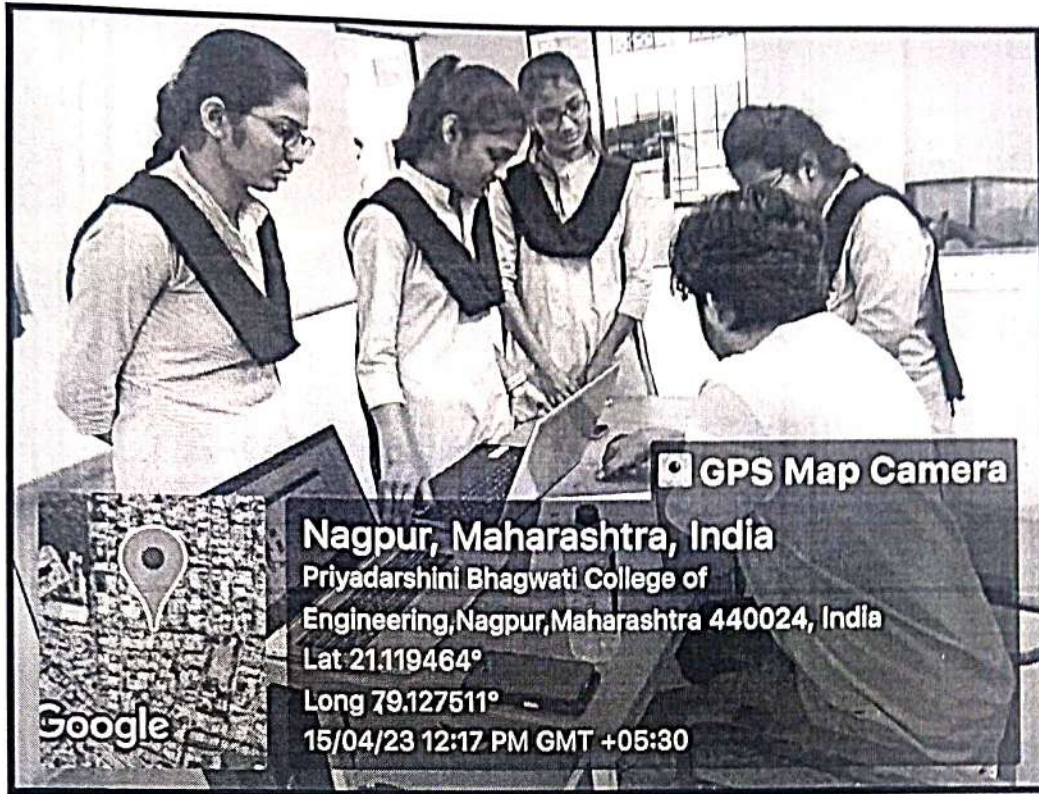


**Department of Computer Science and Engineering**  
**Academic session 2022-23**

**Report of Activity on Project Evaluation by External Experts**

1. Event Title : **Project Evaluation by External Experts**
2. Event Date : **15 April 2023 (Saturday)**
3. Event conduction duration : **11.30 AM to 2.30 PM**
4. Event venue : **Computer Centre, PBCOE, Nagpur.**
5. Event resource person : **a) Mr Samyak Agarkar, MD and CEO, Agarkar Media Pvt Ltd, Nagpur.  
b) Mr Kishor Nilatkar, Director, Automechano Technologies, Nagpur**
6. Name of Event Coordinator : **Prof D V Jamthe**
7. Sem/Branch : **VIII SEM B TECH CSE ( 72 students)**
8. Objective : **To evaluate and access the technical aspects of final year projects by industry experts.**
9. Outcome : **Experts have evaluated the projects for technical novelty and working demo. Also valuable inputs have been provided for further modifications and suggestions.**





GPS Map Camera

Nagpur, Maharashtra, India


Priyadarshini Bhagwati College of  
Engineering, Nagpur, Maharashtra 440024, India

Lat 21.119464°

Long 79.127511°

15/04/23 12:17 PM GMT +05:30

Google

  
15/4/23

Prof. K N Hande  
HoD

**Head**

**Computer Science & Engineering Department**  
**Priyadarshini Bhagwati College of Engineering**  
**Umred Road, Nagpur.**



Dr. Mrs A R Chaudhari  
IQAC Coordinator

**IQAC Coordinator**

**Priyadarshini Bhagwati College of Engg.**  
**Umred Road, Nagpur.**



Dr. N. K. Choudhari  
Principal  
**Principal**

**Priyadarshini Bhagwati College of Engg.**  
**Umred Road, Nagpur.**



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
PRIVARDARSHINI BHAGWATI COLLEGE OF ENGINEERING  
Haripur Nagar, Unard Road (Near Badli Talbaph), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Maharashtra Technical Maharaaj Nagpur University)  
Email: princpalpvhcoe@gmail.com, Website: www.pbcoe.edu.in  
MAAC Accredited



## Department of Computer Science and Engineering

Academic Session 2022-23(EVEN SEMESTER)

B.E. VIII SEMESTER CSE

PROJECT EVALUATION BY EXTERNAL EXPERT

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
4	154	Hrushii Vikas Karlekar (TL)	MR K N HANDE	NLP based video Summerisation using Machine Learning	<i>[Signature]</i>
	163	Pranit Rambhau Yeole			<i>[Signature]</i>
	142	Aditya Pushpraj Likhari			<i>[Signature]</i>
	153	Himanshu Rajesh Rangari			<i>[Signature]</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
9	125	Pooja Dilip Taklikar (TL)	MR K N HANDE	Design & Development of Automatic Detection System for MotorCyclistswithout Helmet using ML	<i>[Signature]</i>
	126	Pranjali Sudhir Bawankar			<i>[Signature]</i>
	115	Lekha Sunil Bhojar			<i>[Signature]</i>
	162	Piyush Prakash Navghare			<i>[Signature]</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
13	152	Gitesh Narendra Sawarkar (TL)	MR K N HANDE	Secure and Transparent Crowd-funding platformusing Blockchain	<i>[Signature]</i>
	165	Pratik Kapse			<i>[Signature]</i>
	166	Raunak Modak			<i>[Signature]</i>
	156	Kaustubh Dharmare			<i>[Signature]</i>

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
1	129	Sakshi Rajesh Dosani Shreya Suryabhan Pardhi Anurag Gajendra Jais Deep Suresh Nikode	MS A A NIKOSE	Decentralized Social Media platform using node.js	
	132				
	146				
	148				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
5	104	Anjali Vaidya(TL) Rashmi Jadhav Aman Punekar Srushi Lokhande	MS A A NIKOSE	"Cryptofit"-Web 3.0 Decentralized App for Tracking Real-Time Data and Performance of Cryptocurrencies in Market	
	128				
	144				
	135				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
14	147	Astik Sayare(TL) Mithesh Pounikar Ankit Mahale Keshav Lichade	MS A A NIKOSE	Automatic Image Caption generator	
	159				
	145				
	157				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
16	141	Aayush Hatwar (TL) Akshata Nikose Khushi Gaharwar Dhananjay Adikane	MS A A NIKOSE	Cafeteria Food Ordering System using QR Code	
	102				
	114				
	149				

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
2	160	mohd Adnan Chodhary (TL)	MR D B KHADSE	IOT based Farm Irrigation and Fertilizer Recommendation System	Adnan
	169	Taufim Sheikh			Rupin
	164	Prasad Zade			Prasade.

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
11	155	Ishan Zade (TL)	MR D B KHADSE	Fake Product Detection using Block-chain Technology	Ishan
	121	Nishtha Kalra			Nishtha
	136	Taniya Argulewar			Taniya

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
15	109	Gauri Atilkar (TL)	MR D B KHADSE	Age, Gender and Emotion Detection by using Deep Learning	Gauri
	111	Ishika Ukey			Ishika
	124	Payal Mankar			Payal

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
19	150	Gaurav Gawhane (TL)	MR D B KHADSE	Block-chain based Decentralized E-Voting System	Gaurav
	161	Nehal Bakde			Nehal
	101	Aishwarya Sahare			Aishwarya
	103	Aiksha Barapatre			Aiksha

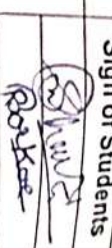
Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
3	106	Dhanashree Lokhande (TL)	MS S S WANKHEDE	Human Activity Recognition using Android Studio Smartphone	<i>Dhanashree Lokhande</i>
	127	Ranu Temre			<i>Ranu Temre</i>
	116	Likhita Wanjar			<i>Likhita Wanjar</i>
	108	Divyani Mandpati			<i>Divyani Mandpati</i>


Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
6	171	Siddhant Vijay Asole (TL)	MS S S WANKHEDE	Story Hub	<i>Siddhant Vijay Asole</i>
	134	Sonal Namdeo Yeskar			<i>Sonal Namdeo Yeskar</i>
	110	Gauri Rajan Lokhande			<i>Gauri Rajan Lokhande</i>
	140	Yashsvi Raju Chilkankar			<i>Yashsvi Raju Chilkankar</i>
	119	Mrunali Manoj Urade			<i>Mrunali Manoj Urade</i>


Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
8	138	Vaishnavi Desai(TL)	MS S S WANKHEDE	IPL win Probability Predictor	<i>Vaishnavi Desai</i>
	137	Vaibhavi Desai			<i>Vaibhavi Desai</i>
	107	Disha Rajeshwar Tangade			<i>Disha Rajeshwar Tangade</i>


Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
12	139	Vishakha Shende(TL)	MS S S WANKHEDE	Skin Cancer Prediction using Deep Learning	<i>Vishakha Shende</i>
	133	Siddhi Nandkishor Joshi			<i>Siddhi Nandkishor Joshi</i>
	173	Vinay Vijay Hiwari			<i>Vinay Vijay Hiwari</i>
	122	Nutan Vasanttrao Wasnik			<i>Nutan Vasanttrao Wasnik</i>



Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
7	168	Samay Namdeo Chaudhari (TL)	MR D V JAMTHE	Money laundering Detection	
	167	Rushikesh Ashish Borkar			
	172	Tejas Ravi Wankhede			
	170	Shoeb Sheikh			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
10	113	Kanchan Santosh Kothar	MR D V JAMTHE	Intelligent Office Assistant using Machine Learning	
	120	Nikita Pralhad Nagpurkar			
	131	Shraddha Bhaskar Barsagade			
	117	Mahima Satish Barde			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
17	158	Mihir Parmar (TL)	MR D V JAMTHE	Web Application on Gaming Products	
	105	Chaitanya Janabandhu			
	112	Kajal Mhaskar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Sign of Students
18	143	Aman Bajait (TL)	MR D V JAMTHE	Property CRM in Web and Android	
	130	Sakshi Chaware			
	151	Gaurav Varma			
	118	Mitali Wandhare			

  
 12/11/23  
 Mr. D. V. Jamthe  
 B E VIII Semester Project Incharge

  
 Mr. K. N. Hande  
 Head,  
 CSE Department



Lokmatya Titok Janakalyan Shikshan Sanstha  
**PRIVADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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## Department of Computer Science and Engineering

Academic Session 2022-23 (EVEN SEMESTER)

### PROJECT EVALUATION BY EXTERNAL EXPERT

### B.E. VIII SEMESTER CSE

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
4	154	Hrushika Vikas Karlekar (TL)	MR K N HANDE	NLP based video Summation using Machine Learning	Python NLP is used, student can take in coding will be a plus; provided marking, demonstration looks good overall good work & new ideas.
	163	Pranik Rambhau Yeole			
	142	Aditya Pushpraj Likhari			
	153	Himanshu Rajesh Rangari			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
9	125	Pooja Dilip Taklikar (TL)	MR K N HANDE	Design & Development of Automatic Detection System for Motorcyclists without Helmet using ML	opencv, yellow color, OCR, tensorflow demo is working, helmet detection & no plate detection working, shows contribution in working.
	126	Pranjali Sudhir Bawankar			
	115	Lekha Sunil Bhojari			
	162	Piyush Prakash Navghare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
13	152	Gitesh Narendra Sawarkar (TL)	MR K N HANDE	Secure and Transparent Crowd-funding platform using Blockchain	ganache, solidity, op, PL, HTM, bootstrap CSS, web3JS, npm, new ideas, blockchain technology, contribution in project. Code was well presented.
	165	Pratik Kapse			
	166	Raunak Modak			
	156	Kausubh Dharmare			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
1	129	✓ Sakshi Rajesh Dosani	MS A A NIKOSE	Decentralized Social Media platform using node.js	<p>Remark, Suggestion ✓</p> <p>Read, Express.js, Node.js, MongoDB &amp; Contribution in code, when there is common idea in advance passants demo presented, working good.</p>
	132	✓ Shreya Suryabhan Pardihi			
	146	✓ Anurag Gajendra Jais			
	148	✓ Deep Suresh Nikode			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
5	104	✓ Anjali Vaidya(TL)	MS A A NIKOSE	<p>"CryptoFit"-Web 3.0 Decentralized App for Tracking Real-Time Data and Performance of Cryptocurrencies in Market</p>	<p>coinchecko, <del>by</del> AngularJS, Node.js, Contribution in project &amp; work. New ideas in investment. Demo presentation, working good.</p>
	128	✓ Rashmi Jadhav			
	144	✓ Aman Puneekar			
	135	✓ Srushi Lokhande			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
14	147	✓ Astik Sayare(TL)	MS A A NIKOSE	Automatic Image Caption generator	<p>Long Short Term Memory (LSTM) Python, CNN, RNN, also demo presented, Nice idea to convert image into text presentation.</p>
	159	✓ Mithesh Pounikar			
	145	✓ Ankit Mahale			
	157	✓ Keshav Lichade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
16	141	✓ Aayush Hatwar (TL)	MS A A NIKOSE	Cafeteria Food Ordering System using QR Code	<p>2.3. PHP, Laravel, Java Script, CSS, MySQL, Bootstrap, demo is working, presentation is good &amp; the speed was contribution.</p>
	102	✓ Akshata Nikose			
	114	✓ Khushi Gaharwar			
	149	✓ Dhananjay Adikane			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
2	160	✓ Mohd Adnan Chodhary (TL)	MR D B KHADSE	IOT based Farm Irrigation and Fertilizer Recommendation System	<p>ArduinoK3, Android, Mobile App. demo Presente d. &amp; marketing. New idea, concept id idia. IOT good project. student should <del>not</del> contribute in project.</p>
	169	✓ Taufim Sheikh			
	164	✓ Prasad Zade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
11	155	Ishan Zade (TL)	MR D B KHADSE	Fake Product Detection using Block-chain Technology	<p>Blockchain, Reactjs, Node.js, mysql, demo marketing. Need some improvement. Some contribution in project.</p>
	121	Nishtha Kalra			
	136	Taniya Argulewar			

*(Signature)*

Mr. Kishor Mhatre

Director,

Kulmechakra Technologies,  
Nagpur.

*(Signature)*  
16/4  
C.D.V. Samble

*(Signature)*  
K N Torde  
HOD CSE

*(Signature)*

Mrs. Sanyak V. Agarwal

MD & CEO

Agarwal Media Pvt. Ltd.

**Head**  
Computer Science & Engineering Department  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.



Pratima's Talek Janakjean Shikshan Sanshat's  
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## Department of Computer Science and Engineering

Academic Session 2022-23 (EVEN SEMESTER)

### PROJECT EVALUATION BY EXTERNAL EXPERT

### B.E. VIII SEMESTER CSE

Attendance Sheet

Date & Time - 15/04/2023 at 10.30am

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
15	109	Gauri Atikar (TL)	MR D B KHADSE	Age, Gender and Emotion Detection by using Deep Learning	PPT → add CNN model GUI → Make it interactive
	111	Ishika Ukey			
	124	Payal Mankar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
19	150	Gaurav Gawhane (TL)	MR D B KHADSE	Block-chain based Decentralized E-Voting System	Read Their Carefully Blockchain Code should be shown
	161	Nehal Bakde			
	101	Aishwarya Sahare			
	103	Alkasha Barapatre			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
3	106	Dhanashree Lokhande (TL)	MS S S WANKHEDE	Human Activity Recognition using Android Studio Smartphone	CNN is not useful in Non image based ML. Study the project Carefully.
	127	Ranu Temre			
	116	Likhita Wanjari			
	108	Divyani Mandpati			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
6	171	Siddhant Vijay Asole (TL)	MS S S WANKHEDE	Story Hub	Know your project well. What is NLP API used? Combine 2 apps together
	134	Sonal Namdeo Yeskar			
	110	Gauri Rajan Lokhande			
	140	Yashsvi Raju Chiliankar			
	119	Mrunali Manoj Urade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
8	138	Vaishnavi Desai(TL)	MS S S WANKHEDE	IPL win Probability Predictor	IPL venues should be valid. Read all ML algor.
	137	Vaibhavi Desai			
	107	Disha Rajeshwar Tangade			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
12	139	Vishakha Shende(TL)	MS S S WANKHEDE	Skin Cancer Prediction using Deep Learning	Use only CNN for image based classification. Use unkernel dataset.
	133	Siddhi Nandkishor Joshi			
	173	Vinay Vijay Hiwani			
	122	Nutan Vasanttrao Wasnik			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
7	168	Samay Namdeo Chaudhari (TL)	MR D V JAMTHE	Money laundering Detection using Machine Learning	Use unkernel dataset. Training testing should be proper.
	167	Rushikesh Ashish Borkar			
	172	Tejas Ravi Wankhede			
	170	Shoeb Sheikh			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
10	113	Kanchan Santosh Kothar	MR D V JAMTHE	Intelligent Office Assistant using Machine Learning	Read their properly. Con bin PPTs.
	120	Nikita Pralhad Nagpurkar			
	131	Shraddha Bhaskar Barsagade			
	117	Mahima Satish Barde			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
17	158	Mihir Parmar (TL)	MR D V JAMTHE	Web Application on Gaming Products	Show backend process in their and PPT.
	105	Chaitanya Janabandhu			
	112	Kajal Mhaiskar			

Group No	Roll No.	Name of Students	Name of Guide	Project Title	Remark/Suggestion
18	143	Arman Bajait (TL)	MR D V JAMTHE	Property CRM in Web and Android	Change Hardware Software requirements. Read their Carefully.
	130	Sakshi Chaware			
	151	Gaurav Verma			
	118	Mitali Wandhare			

*Samy*

*Mr. Kishor Nilatkar*

*Mr. D. V. Jamthe*

*Mr. K. N. Hande*

Mr. Samyalk Agarkar  
Developer, Designer and Business Strategist  
AgarkarMedia Pvt. Ltd., Nagpur — MD and CEO

Mr. Kishor Nilatkar  
Technical Architect / Director  
Automechano Technologies, Nagpur, India

Mr. D. V. Jamthe  
Project Co-ordinator

Computer Science & Engineering Dept.  
Prajyotsinh Bhaerwani College of Engg  
Ganesh Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini Bhagwati College of Engineering, Nagpur.**  
(Recognized by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to R.T.M.  
Nagpur University)

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**Department of Electronic & Communication Engineering**  
**Academic session 2022-23**

This is to officially report the successful completion of one month internship by the students from the Electronics and Communication Department. The internship took place from 21<sup>st</sup> March 2023 to 20<sup>th</sup> April 2023, at Automechano Technologies, Nagpur.

They practice on an internship in software development of "bill splitting web application" and this practical experience has greatly enriched their understanding and competence.

The students who have completed the internship are as follows:

1. Nayan Anil Waghmare
2. Mohd. Khushnihal Iqbal Ansari
3. Shubham Bawankar
4. Vaibhav Gaydhane
5. Yash Rangari
6. Himanshu Nandanvar

Dr. (Ms.) D. M. Kate  
HOD  
Head  
Electronics & Communication  
Priyadarshini Bhagwati College of Engg  
Umrer Road, Nagpur.





# Certificate of Completion

This is to certify that,

**Himanshu Prabhakar Nandanwar**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

**AUTOMECHANO**  
TECHNOLOGIES

9, Makde Layout, Bhande Plot Square, Umrer Road, Nagpur - 440009  
www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



# Certificate of Completion

This is to certify that,

**Mohd Khushnihal Iqbal Ansari**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

**AUTOMECHANO**  
TECHNOLOGIES

9, Makde Layout, Bhande Plot Square, Umrer Road, Nagpur - 440009  
www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



# Certificate of Completion

This is to certify that,

**Nayan Anil Waghmare**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

**AUTOMECHANO**  
TECHNOLOGIES

9, Makde Layout, Bhande Plot Square, Umrer Road, Nagpur - 440009  
www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



# Certificate of Completion

This is to certify that,

**Shubham Maroti Bawankar**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

**AUTOMECHANO**  
TECHNOLOGIES

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www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



# Certificate of Completion

This is to certify that,

**Vaibhav Dipak Gaydhane**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

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TECHNOLOGIES

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www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



# Certificate of Completion

This is to certify that,

**Yash Chandrahas Rangari**

of Priyadarshini Bhagwati College of Engineering, Nagpur has successfully completed **One Month Internship** in software development of **"Bill Splitting Web Application"** from **21-MAR-2023** to **20-APR-2023** at Automechano Technologies, Nagpur.

Date: 01-MAY-2023

*Rishu Dattar*

(Director)

**AUTOMECHANO**  
TECHNOLOGIES

9, Makde Layout, Bhande Plot Square, Umrer Road, Nagpur - 440009  
www.automechano.com | info@automechano.com | +91 9518543783

INTERNSHIP20230501/01



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**OWNPREP PVT. LTD. , NAGPUR**

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**TRAINING AND PLACEMENT CELL**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 10<sup>th</sup> day of Feb 2023, by and between.

**Priyadarshini Bhagwati College of Engineering, Nagpur**, the First Party represented herein by **Dr. N. K. Choudhari** its Principal / Director / Head of Institution **Priyadarshini Bhagwati College of Engineering, Nagpur**, and **Ownprep Pvt. Ltd., Nagpur-440022**. The Second party, and represented herein by its Director **Mr. Ashish Diwan**

### WHEREAS:

A) First Party is a Higher Educational Institution named: **Priyadarshini Bhagwati College of Engineering, Nagpur.**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture, Virtual Learning etc.

D) **Ownprep Pvt. Ltd., Nagpur**, - the Second Party is engaged in Education, Skill Development, Research and Consultancy.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



## CO-OPERATION

1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.

1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.

1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

## CLAUSE 2

## SCOPE OF THE MoU

nt

2.1 Industrial and Virtual Training: **Ownprep Pvt. Ltd., Nagpur**. and Institution interaction will provide an insight into the latest developments / technologies / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.



2.3 Placement of trained students: second party will actively engage to its best capability to help the delivery of the virtual training and placement support of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Priyadarshini Bhagwati College of Engineering, Nagpur**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.



**CLAUSE 3**

**VALIDITY**

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms. Any act on the part of both the Parties after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU. The validity of the MoU may however be for three years.

3.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

**CLAUSE 4**

**RELATIONSHIP BETWEEN THE PARTIES**

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by mutual discussion.

**First Party**

**Second Party**

On Behalf of **Priyadarshini  
Bhagwati College of  
Engineering , Harpur Nagar,  
Umrer Road, Nagpur- 440024**

On Behalf of **Ownprep Pvt. Ltd.,  
Nagpur-440022**

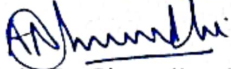
By



Dr. N. K. Choudhari

Principal, PBCOE, Nagpur  
**Principal**

**Priyadarshini Bhagwati College of Engg  
Umrer Road, Nagpur.**



Prof. Dr. (Mrs.) A. R. Chaudhari

Dean, Academics, PBCOE, Nagpur

**Dean Academics  
Priyadarshini Bhagwati College  
of Engineering, Nagpur**



Name: Dr. P. M. Palkar

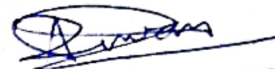
Co-ordinator, PBCOE,  
Training and Placement Cell,  
Nagpur

**Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.**



By

**OWNPREP PRIVATE LIMITED**



Mr. Ashish Divan

**DIRECTOR**

Director, Ownprep Pvt. Ltd., Nagpur



Ms. Poonam Vaidya

Marketing Head, Ownprep Pvt. Ltd.,  
Nagpur



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Training and Placement Cell**


**Academic session 2022-23**


**Report on CRT Orientation Program**

1. Event Title : **CRT Orientation Program by Ownprep Pvt. Ltd.**
2. Event Date : 09 Mar 2023 (Thursday)
3. Event conduction duration : 11:30 am to 02:00 pm
4. Event venue : Auditorium, PBCOE
5. Event resource person : Mr. Ashish Divan, Ms. Poonam Vaidhya
6. Name of Event Coordinator : Dr. P M. Palkar, TPO, PBOCE
7. Number of students : 127 from all branches
8. Objective : To motivate students about importance of CRT training.
9. Outcome : Students understood the importance of CRT in their academic.



  
Dr. P M. Palkar  
TPO

  
Dr. Mrs A R Chaudhari  
IQAC Coordinator  
IQAC Coordinator  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

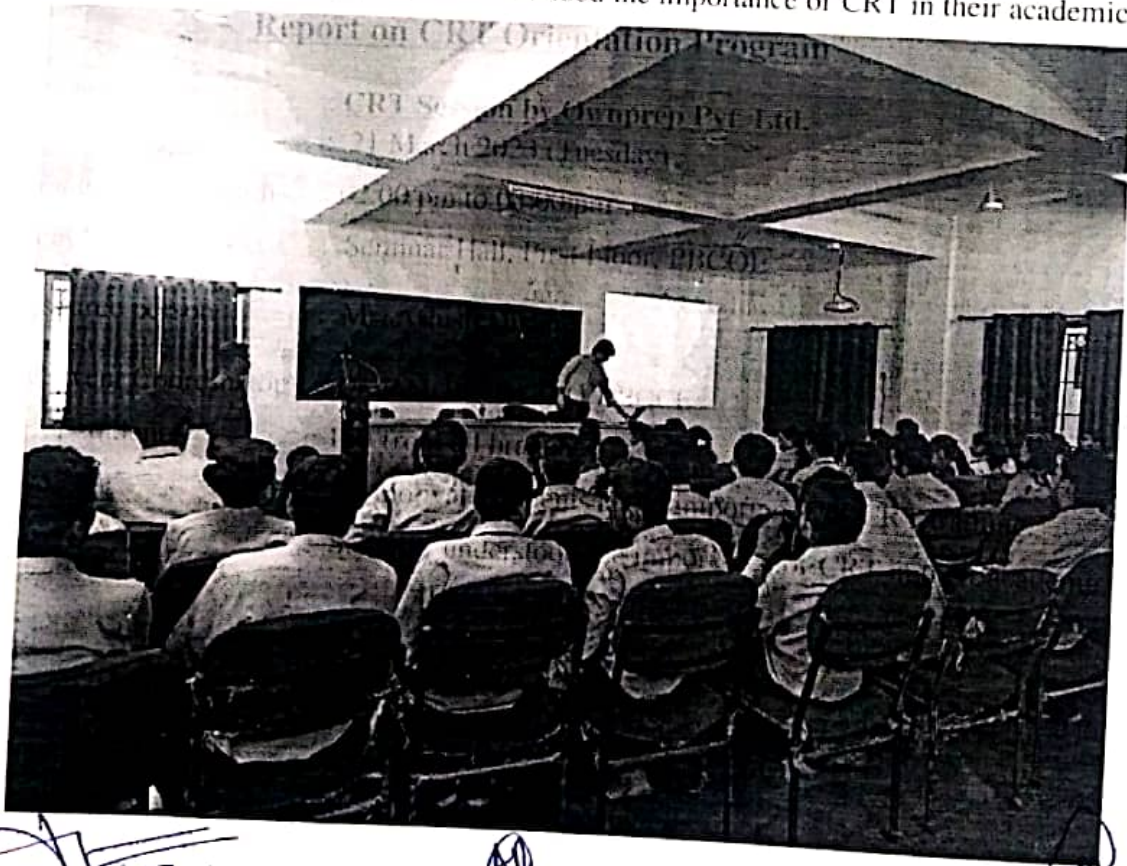



**Department of Training and Placement Cell**

**Academic session 2022-23**


**Report on CRT Orientation Program**

1. Event Title : CRT Session by Ownprep Pvt. Ltd.
2. Event Date : 21 March 2023 (Tuesday)
3. Event conduction duration : 02:00 pm to 04:00 pm
4. Event venue : Seminar Hall, First Floor, PBCOE
5. Event resource person : Mr. Ashish Divan
6. Name of Event Coordinator : Dr. P M. Palkar, TPO, PBOCE
7. Number of students : 150 from all branches
8. Objective : To motivate students about importance of CRT training.
9. Outcome : Students understood the importance of CRT in their academic.



  
Dr. P. M. Palkar  
TPO

  
Dr. Mrs A R Chaudhari  
IQAC Coordinator  
IQAC Coordinator  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur

## Subject: Request to Join as a Reviewer for Mechanical Engineering Journals

From: shailu Daf<shailu\_daf@rediffmail.com> on Sat, 17 Jun 2023 13:41:33

To: <mechanical@matjournals.in>

 1 attachment(s) - Dr.\_Shailendra\_Daf\_Resume.pdf (160.34KB)

Dear Editor (Publication),

I hope this email finds you well. I am writing to express my interest in joining the esteemed team of reviewers for Mechanical Engineering Journals . As an avid researcher in [your field of expertise], I have been following the journal's publications with great interest and admiration for its contributions to the academic community.

I have completed my Ph.D. in Mechanical Engineering. Throughout my academic journey, I have actively engaged in research projects and published several papers in reputable journals. My research interests lie in **Robotics, Industrial Engineering, Automation, Operation Research, MCDC**. I believe that my expertise in **Robotics, Industrial Engineering, Automation, Operation Research, MCDC** and my familiarity with the latest developments in the field make me well-suited to contribute as a reviewer for your journal.

I am aware of the crucial role that reviewers play in ensuring the quality and integrity of published research. I am dedicated to upholding the rigorous standards set by the journal and providing constructive feedback to authors. With a keen eye for detail, a comprehensive understanding of research methodologies, and excellent analytical skills, I am confident in my ability to critically evaluate manuscripts and offer valuable insights to enhance the scholarly contributions.

If given the opportunity, I commit to providing timely and thorough reviews that uphold the journal's reputation for excellence. I understand the confidentiality and ethical responsibilities associated with the reviewing process, and I assure you that I will adhere to the highest professional standards.

Please find attached my curriculum vitae (CV) that provides more detailed information about my academic background, research experience, and publications. I would be honoured to contribute to the review process of Journal.

Thank you for considering my application. I eagerly await your favourable response. If there are any further application procedures or requirements, please let me know, and I will gladly comply.

I look forward to the possibility of collaborating with the esteemed editorial team of Journal and contributing to the advancement of knowledge in **Robotics, Industrial Engineering, Automation, Operation Research, MCDC**.

Thank you for your time and consideration.



Thanks and warm regards,

**Dr. Shailendra Daf**

Industry Institute Interaction Cell Incharge  
Assistant Professor (Mechanical Engineering)  
Priyadarshini Bhagwati College of Engineering, Nagpur  
Mob.No. : +91-9665087710  
Email ID : [shailu\\_daf@rediffmail.com](mailto:shailu_daf@rediffmail.com)  
[shailudaf@gmail.com](mailto:shailudaf@gmail.com)


---

**Subject: Invitation for Joining our Editorial Board Member || MAT Journals**

From: Sarita Rawani <mechanical@matjournals.in> on Sat, 17 Jun 2023 14:08:58

To: shailu Daf <shailu\_daf@rediffmail.com>

---

 **1 attachment(s)** - Editor\_Consent\_form.docx (56.23KB)

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**Dear Dr. Shailendra Daf,  
Greetings of the day!**

MAT Journals is pleased to invite you to join us as an **Editorial Board member** if you have at least **12 years of teaching experience** otherwise you can also join us as a **reviewer** in the Mechanical domain. The main aim of MAT Journals is to expand and share new knowledge in disciplinary subjects globally. We believe that your timely participation will certainly be of immense support/ guidance to us.

I would suggest you kindly go through our website [homepage](#) to know about our areas of work. We are sure you will be delighted to see the representation of subjects from diversified areas and catering to venerated audiences all over the globe.

**Mechanical Journals:**

Research Paper/Review Articles/Popular Articles/Short Communications are invited on the following topics:

1. Journal of Mechanical and Mechanics Engineering (e-ISSN: 2581-3722)
2. Journal of Advancements in Material Engineering (e-ISSN: 2582-0036)
3. Journal of Advancement in Machines (e-ISSN: 2582-2233)
4. Journal of Mechanical Robotics (e-ISSN: 2582-2187)
5. Journals of Mechatronics Machine Design and Manufacturing (e-ISSN: 2582-8908)
6. Journal of Industrial Mechanics (e-ISSN: 2582-1067)
7. Journal of Recent Trends in Mechanics (e-ISSN: 2582-3213)
8. Journal of Automation and Automobile Engineering (e-ISSN: 2582-3159)
9. Journal of Thermal Energy Systems (e-ISSN: 2582-5747)

**You can choose *any Two journal* based on your Expertise and Knowledge of the subject.**

**MANDATORY TASK FOR EDITORIAL BOARD MEMBERS:**

- ***It's compulsory for all editorial board members to submit one or two papers per issue.***
- ***You have to review a minimum of 5 papers in a year ( Editorial Assignment).***

The foremost responsibility of the editorial board member is to review the manuscripts (articles) and pronounce their quality for publication in the journals.

This will offer a podium for exploring new capabilities, and sharing ideas and knowledge, which will help in increasing international research output areas.

We request you please provide your photo and fill out the consent form attached to this mail.

You can directly mail to [mechanical@matjournals.in](mailto:mechanical@matjournals.in) for any assistance

--

**Sarita**

Associate Editor (Publication)

**MAT Journals**

Office No-301,Second Floor,

Plot No:CS-4, Gyan Khand-2,

Indirapuram, Ghaziabad, UP, India.

**Website:** <http://matjournals.com/>

**Mobile:** 9304123931

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**Subject: Re: Invitation for Joining our Editorial Board Member || MAT Journals**

From: shailu Daf<shailu\_daf@rediffmail.com> on Tue, 20 Jun 2023 10:28:11

To: "Sarita Rawani"<mechanical@matjournals.in>

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 **1 attachment(s)** - PDF\_Gallery\_20230620\_070123.pdf (441.22KB)

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Thank you for reaching out to me and extending an invitation to join MAT Journals as an Editorial Board member or reviewer in the Mechanical domain. I appreciate your recognition of my experience and expertise in the field.

I have visited MAT Journals' website homepage as suggested and I am impressed by the diverse range of subjects represented and the commitment to sharing new knowledge globally. The broad scope of topics covered by the journal indicates a dedication to fostering interdisciplinary collaboration and advancing academic discourse.

Given my teaching experience of over 12 years in the Mechanical domain, I am pleased to accept your invitation to join MAT Journals as an Editorial Board member. I believe that my insights and expertise can contribute significantly to the quality and relevance of the journal's publications. I am excited to collaborate with the esteemed team of scholars and researchers involved in expanding the frontiers of knowledge in our field.

Please let me know what further steps I need to take to formalize my involvement as an Editorial Board member. I look forward to working closely with you and the rest of the team at MAT Journals to advance research and promote excellence in our domain.

Thank you once again for considering me for this opportunity. I am honoured to be a part of MAT Journals' mission.

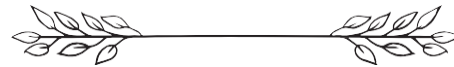
**As u suggested, I am selected following journal:**

1. Journal of Mechanical Robotics (e-ISSN: 2582-2187)
2. Journal of Recent Activities in Production (e-ISSN: 2581-9771)

--

---

**CERTIFICATE  
OF EDITORIAL BOARD MEMBERSHIP**



*This Certificate is Awarded to*

***Dr. Shailendra P. Daf***

*In recognition of his/her appointment as the Editorial Board member of the  
Journal of Mechanical Robotics*



*Arvind Sharma*

**Arvind Sharma**

Managing Director, MAT Journals Pvt. Ltd.



**Ganesh Adhikari**

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Bhaktapur, Nepal  
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Hyderabad Institute of Technology and Management  
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**Email:** [assistantdirector.de@hitam.org](mailto:assistantdirector.de@hitam.org)



**Jitendra Shivaraj Sunte**

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**Dr. Shailendra Daf**

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Department of Mechanical Engineering,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur, Maharashtra, India  
**Email:** [shailu\\_daf@rediffmail.com](mailto:shailu_daf@rediffmail.com)





**Lokmanya Tilak Jankalyan Shikshan Sanstha's**  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



## **Memorandum of Understanding (MoU)**

**between**

**Priyadarshini Bhagwati College of Engineering (PBCOE), Nagpur,**

**&**

**Kavikulguru Institute of Technology and Science (KITS), Ramtek  
Nagpur, Maharashtra**

Priyadarshini Bhagwati College of Engineering is located at Harpur Nagar, Umred Road, Near Bada Tajbagh, Nagpur - 440024 represented by the Principal and Kavikulguru Institute of Technology and Science (KITS), Ramtek, Nagpur, Maharashtra represented by the principal in furtherance of their mutual interest to jointly conduct different academic activities during academic session 2022-23.

### **The MoU Term and Conditions are as below:**

1. Both PBCOE and KITS shall appoint their Conveners, Coordinator and Co-coordinators of every academic programme which will be organized by them jointly. They will organize webinars, talks, Faculty Exchange Programme, Faculty Development Programme and other activities from time to time on the basis of their discussion and understanding.
2. If both will organize any programme then the financial part shall be based on their joint discussion as per the requirement of the specific academic program.
3. Various Cell of PBCOE will invite their faculties and students in their skill-based activities/programmes and KITS will also give the same opportunity to our students and faculties.
4. This MoU may be terminated by one of the parties, i.e., PBCOE or KITS by written notice of at least 60 days in advance. The agreement can be amended or changed by mutual written consent.
5. The purpose of this MOU is to state the intentions of the parties in undertaking a collaboration in the research and development of PBCOE. The Parties have

common scientific and research interests and will cooperate in performing the activities stated below.

### **Types of Cooperative Activities**

The scope of collaboration on research activities to be pursued through this MOU includes the following:

1. Research collaboration in the areas of mutual interest.
2. Exchange of academic materials which are made available by both parties.
3. Exchange of visiting research scholars.
4. Cooperative symposia, seminars, workshops and conferences.

This MoU has been signed in two copies, of which each party has taken one. Both of them have equal validity for 3 years from the date of Signature.

Date: 16.03.2023

**Principal**

Priyadarshini Bhagwati College of Engineering  
Harpur Nagar, Umred Road,  
Near Bada Tajbhangh,  
Nagpur - 440024

**Principal**  
Priyadarshini Bhagwati College of Engi  
Umred Road, Nagpur.



**Principal**

Kavikulguru Institute of Technology and Science,  
Ramtek, Dist.- Nagpur, Maharashtra- 441106

**PRINCIPAL**  
Kavikulguru Institute of Tech. & Science  
Ramtek - 441 106, Nagpur (Distt.)Mah





**Lokmanya Tilak Jankalyan Shikshan Sanstha's**  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



PBCOE/ME/2022-23/

Date:- 26/04/2023

## NOTICE

All the students of mechanical engineering department are hereby informed that Internal quality assurance Cell of PBCOE has organized Seminar on “**Application of 3D Printing in Bioengineering**” by Dr. Mahesh B. Mawale, Associate Professor, Mechanical Engineering, Kits Ramtek. under the MOU between PBCOE, Nagpur and KITS Ramtek. The session will be conducted on **28<sup>th</sup> April 2023** during 11:00 am to 12:30 pm in the Seminar Hall (Fourth Floor). Students from mechanical are encouraged to take benefit of this seminar.

**Dr. (Mrs.) A. R. Chaudhari**  
Dean Academic

**Dean Academics**  
Priyadarshini Bhagwati College  
of Engineering, Nagpur

**Dr. N. K. Choudhari**

**Principal**  
**Principal**  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

Copy to :-

- 1) Dean Academic
- 2) Head, Mechanical Engg. Dept.



## Internal Quality Assurance Cell Academic session 2022-23

### Seminar Report on “Application of 3D Printing in Bioengineering”

1. Event Title : Seminar on “Application of 3D Printing in Bioengineering”
2. Event Date and time : 28<sup>th</sup> April 2023 at 11:00 am to 12:30 pm
3. Event venue : Seminar Hall (Fourth Floor)
4. Event resource person : Dr. Mahesh B. Mawale, Associate Professor, Mechanical Engineering, Kits Ramtek.
5. Name of Event Coordinator : Dr. S. P. Daf , Asst. Prof. Mech. Engg. Dept & IQAC Member
6. Number of students : 80
7. Objective : The primary objective of this seminar is to explore and disseminate knowledge about the cutting-edge applications of 3D printing technology in the field of bioengineering. Through a series of informative sessions and discussions, attendees will gain a comprehensive understanding of how 3D printing is revolutionizing bioengineering, from tissue engineering and prosthetics to drug delivery systems and personalized medicine.
8. Outcome : The seminar aims to achieve several key outcomes. Participants will leave with a heightened awareness of the innovative applications of 3D printing in bioengineering, potentially inspiring them to explore similar collaborations. They will also gain in-depth knowledge of the technical aspects of 3D printing in bioengineering, including materials and techniques. The event will foster cross-disciplinary connections among attendees, encouraging interdisciplinary collaboration and research partnerships. Moreover, participants will develop problem-solving skills by learning to apply 3D printing to complex bioengineering challenges. Ethical considerations related to 3D printing in bioengineering will be discussed, promoting responsible practices.

Dr. (Mrs.) A. R. Chaudhari  
Dean Academic

Dean Academics  
Priyadarshini Bhagwati College  
of Engineering, Nagpur

Dr. N. K. Choudhari

Principal  
Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

Sanjaykumar Borikar (Presenting)

### Generic AM Process

- 1 CAD
- 2 STL, convert
- 3 File transfer to machine
- 4 Machine setup
- 5 Build
- 6 Remove
- 7 Postprocess
- 8 Application

pranav bambal

Sanjaykumar Bor...

Dr. SHAILENDRA ...

Dr. Nitin Choudh...

Yashwant Jibhak...

Socrates

Sandeep Pimpal...

Yash Mohare

4 others

Dr. SHAILENDRA...

11:32 AM | oao-mbrt-bij

Welcome to the

Guest Lecture on:  
Application of 3D Printing in Bio Engineering  
Under the MOU Between  
PBCOE, Nagpur and KITS Ramtek

By:  
Dr. Mahesh B. Mawale  
Associate Professor  
KITS, Ramtek

pranav is presenting

Sanjayku...

Yashwant

You

Dr. Nitin Choudh...  
9 others

About this call

People
Info
Activities

- Dr. SHAILENDRA DAF (You)

Meeting host
- Dr. SHAILENDRA...

Meeting host

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- Dr. Nitin Choudh...

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- Jaswant Gorle

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- ME05 Yash She...

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- pranav bambal...

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- Sanjaykumar B...

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- Sejal Somnath

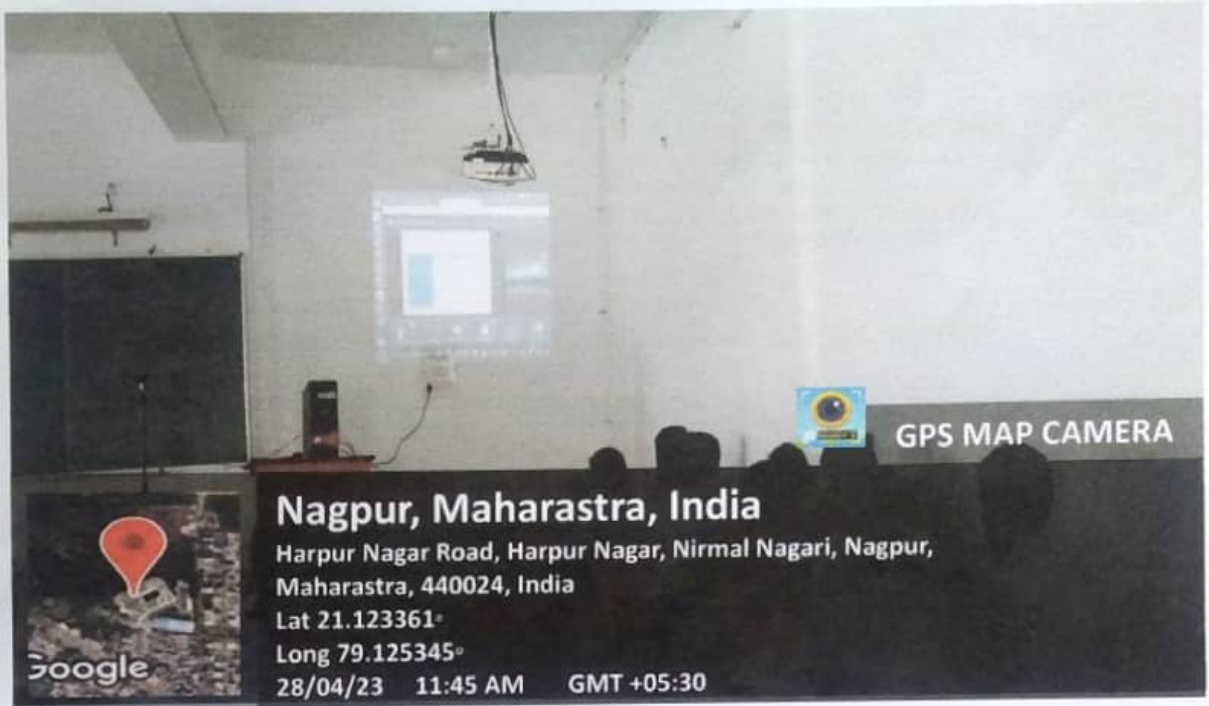
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- Shreyash Mada...

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- Tushar Prajapati

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- Yash Mohare

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- Yashwant Jibh...

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⋮



GPS MAP CAMERA

### Nagpur, Maharashtra, India

Harpur Nagar Road, Harpur Nagar, Nirmal Nagari, Nagpur,  
Maharashtra, 440024, India

Lat 21.123361°

Long 79.125345°

28/04/23 11:45 AM GMT +05:30



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### Nagpur, Maharashtra, India

Harpur Nagar Road, Harpur Nagar, Nirmal Nagari, Nagpur,  
Maharashtra, 440024, India

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Long 79.125345°

28/04/23 11:38 AM GMT +05:30



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
 Harpur Nagar, Umred Road (Near Bada Tajbajh), Nagpur-24  
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 Email: principalphcoe@gmail.com, Website: www.phcoe.edu.in  
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## Department of Mechanical Engineering

Academic session 2022-23

### Attendance Sheet

Name of Event: Seminar on Seminar Report on "Application of 3D Printing in Bioengineering"

Date of Event: 28<sup>th</sup> April 2023 at 11:00 am to 12:30 pm

Sr. No.	Name of Students	Sem	Signature
1	ABHISHEK PURUSHOTTAM BHONDE	IV Sem	Abh
2	ANUJ RAJU DHANDE	IV Sem	Anuj
3	AYUSH ANIL MULE	IV Sem	Ayush
4	AYUSH VIVEK CHAURASE	IV Sem	Ayush
5	CHETAN NAMDEO NINDEKAR	IV Sem	Chetan
6	HIMANSHU SURESH MANDAVGADE	IV Sem	Himan
7	KARAN PRADIP ACHARYA	IV Sem	Karan
8	MAYUR SURYAKANT SAWANE	IV Sem	Mayur
9	PRASHANT DNYANESHWAR FENDAR	IV Sem	Prashant
10	ROHAN SHANKAR KHAPRE	IV Sem	Rohan
11	SAHIL NARENDRA JAGTAP	IV Sem	Sahil
12	SANKET VISHNUJI DUDHE	IV Sem	Sanket
13	SHREYASH SHILADHAN MENDHE	IV Sem	Shreyas
14	SHUBHAM RAVISHANKAR SINGH	IV Sem	Shubham
15	SURAJ VINOD TAYADE	IV Sem	Suraj
16	VAIBHAV SANJAY KITE	IV Sem	Vaibhav
17	VEDANT DILIP DHANDE	IV Sem	Vedant
18	VIPUL DEVIDAS SOMKUWAR	IV Sem	Vipul
19	APURVA ANAND SUTARE	VI Sem	Apurva
20	POOJA YASHWANT BUL	VI Sem	Pooja
21	ABHIJIT BHARAT DHOTE	VI Sem	Abhijit
22	ABHINAV NAMDEO TURKAR	VI Sem	Abhinav
23	ABHISHEK DILIPRAO WARUDKAR	VI Sem	Abhishek
24	ADARSH SHARAD TAKSANDE	VI Sem	Adarsh
25	ADITYA RAMDASJI WAGHMARE	VI Sem	Aditya
26	AJAY GANPATRAO MESHARAM	VI Sem	Ajay
27	AKASH MOHAN DOIFODE	VI Sem	Akash
28	AKSHAT PURUSHOTTAM DHURVE	VI Sem	Akshat
29	AKSHAY RAJESH NIMJE	VI Sem	Akshay
30	APURVA ANAND SUTARE	VI Sem	APURVA





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## Department of Mechanical Engineering

Academic session 2022-23

### Attendance Sheet

Name of Event: Seminar on Seminar Report on "Application of 3D Printing in Bioengineering"

Date of Event: 28<sup>th</sup> April 2023 at 11:00 am to 12:30 pm

Sr. No.	Name of Students	Sem	Signature
31	ALMAS RAJA AMJAD RAJA ANSARI	VI Sem	Ansari
32	AMIT SANJAY VITOLE	VI Sem	Amit
33	AMOL TARKESHWAR TITARMARE	VI Sem	Amol
34	ANURAG SHRIKRUSHINA BAGDE	VI Sem	A. S. Bagde
35	ANURAG SUNIL CHAUDHARI	VI Sem	Anurag
36	ARYAN SUNIL MADHUMATKE	VI Sem	Aryan
37	ASHWIN PARESH PANCHMATIYA	VI Sem	Ashwin
38	ATISH UMESH PAUNIKAR	VI Sem	Atish
39	AYUSHI SANJAY PARATWAR	VI Sem	Ayushi
40	BRIJESH LILADHARJI KANODE	VI Sem	Brijesh
41	CHETAN HIRAJI LONARE	VI Sem	Chetan
42	DARSHAN GAJANAN RAUT	VI Sem	Darshan
43	DEEPAK BANDU POKALE	VI Sem	Deepak
44	DEVILAL RAGHUVIR VERMA	VI Sem	Devilal
45	DINESH CHANDRABHAN KAIKADE	VI Sem	Dinesh
46	GAURAV PRUTHIVIRAJ MAHADULE	VI Sem	Gaurav
47	GAURAV RAMDAS JAWANJAL	VI Sem	Gaurav
48	GURPRIT BALVINDERSINGH GILL	VI Sem	Gurprit
49	HARSHAL CHANDRASHEKHAR MANDHARE	VI Sem	Harshal
50	HARSHAL SUBHASH TAYDE	VI Sem	Harshal
51	HIMANSHU RAMBHAU MANKAR	VI Sem	Himanshu
52	ISHWAR RAJENDRA CHAUDHARY	VI Sem	Ishwar
53	KRISHNAKUMAR RAJU RAI	VI Sem	Krishna
54	MANISH DILIP YENDE	VI Sem	Manish
55	MANISHKUMAR BIMAL PASWAN	VI Sem	Manish
56	MAYUR SHYAMSUNDAR KHOT	VI Sem	Mayur
57	MD INAMUR MD RIYAZ ANSARI	VI Sem	Inamur
58	MD RASHID FIROZ AHAMAD	VI Sem	Rashid
59	MOHD MUSHARRAF MOHD TAUFIQUE QURESHI	VI Sem	Mohd
60	NAKUL CHANDRAKUMAR GAULKAR	VI Sem	Nakul



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## Department of Mechanical Engineering

Academic session 2022-23

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Date of Event: 28<sup>th</sup> April 2023 at 11:00 am to 12:30 pm

Sr. No.	Name of Students	Sem	Signature
61	NEHAL MAROTRAO NINAVE	VI Sem	
62	NIKHIL BANDU POKALE	VI Sem	
63	OM DINESH KHONDE	VI Sem	
64	PIYUSH PRASHANT GONDANE	VI Sem	
65	PRANAV KESHAV BAMBAL	VI Sem	
66	PRAYAS RUPCHAND ZOTING	VI Sem	
67	PRIYANSHU KISANRAO PALLADWAR	VI Sem	
68	RALAT BHOJRAJ NANDESHWAR	VI Sem	
69	RAKESH DHANRAJ TALEKAR	VI Sem	
70	RANJIT BAPURAO ZILPE	VI Sem	
71	RATNADIP VILAS GHARDE	VI Sem	
72	RITESH HEMRAJ BHALEKAR	VI Sem	
73	RITIKESH MANGESH DHAWADE	VI Sem	
74	ROHIT WASUDEO SHENDE	VI Sem	
75	SAHIL GAURISHANKAR UKEY	VI Sem	
76	SAHIL SOMESH KEKATPURE	VI Sem	
77	SAURABH ARUN MATE SHITAL	VI Sem	
78	SAURABH GAJANAN PIMPRIKAR	VI Sem	
79	SHUBHAM HARISH KARODE	VI Sem	
80	SHUBHAM PRASHANTRAO WAGHMARE	VI Sem	
81	SUBODH RAMKRUSHNA GHAIWAT	VI Sem	
82	SWAROOP OMPRAKASH CHADATKAR	VI Sem	
83	TALIB AZAD HUSSAIN TAJI	VI Sem	
84	TANVEER AHMAD ARSHID SIDDIQUE	VI Sem	
85	TRUNAL ATUL WASNIK	VI Sem	
86	VAISHNAV NARESH NANDAGAWALI	VI Sem	
87	VISHAL DEEPAK DHOBLE	VI Sem	
88	YASH PURUSHOTTAM PAUNIKAR	VI Sem	



Estd : 1984

**K.D.K.COLLEGE OF ENGINEERING**

Great Nag Road, Nandanvan, Nagpur - 440 009.

Approved by AICTE New Delhi, Directorate of Technical Education, M.S. Mumbai  
& Affiliated to R.T.M. Nagpur University, Nagpur.

Ph : (0712) 2711400, 2710030, Fax : (0712) 2713658

Email- kdkce4147@gmail.com, kdkce\_ngp9@bsnl.in ; Web Site - <http://www.kdkce.edu.in>**Dr. Devendra P. Singh**  
Principal**Dr. Avinash M. Badar**  
Vice Principal**VISION : Service to the Society Through Quality Technical Education**

Ref. No. : KDKCE/MOU/2021-22

Date : 01/09/2022

Memorandum of Understanding (MoU)  
between  
Priyadarshini Bhagwati College of Engineering, Nagpur  
&  
K.D.K. College of Engineering, Nagpur

**Priyadarshini Bhagwati College Of Engineering**, Harpur Nagar, Umrer Road, Near Bada Tajbagh, Nagpur, Maharashtra 440009 represented by the Principal and **K.D.K. College of Engineering**, Great Nag Road, Nandanvan, Nagpur, Maharashtra 440009 represented by the Principal in furtherance of their mutual interest to jointly conduct different academic activities during academic session 2021-22.

The MoU Term and Conditions are as below:

1. Both **KDKCE** and **PBCOE** shall appoint their Conveners, Coordinator and Co-coordinators of every academic programme which will be organized by them jointly. They will organize webinars, talks, Faculty Exchange Programme, Faculty Development Programme and other activities from time to time on the basis of their discussion and understanding.
2. If both will organize any programme then the financial part shall be based on their joint discussion as per the requirement of the specific academic programme.
3. Skill Development Cell of **KDKCE** will invite their faculties and students in their skill-based activities/programmes and **PBCOE** will also give the same opportunity to our students and faculties.

o/c.

4. This MoU may be terminated by one of the parties, i.e., **KDKCE** or **PBCOE** by written notice of at least 60 days in advance. The agreement can be amended or changed by mutual written consent.
5. The purpose of this MOU is to state the intentions of the parties in undertaking a collaboration in the research and development of **KDKCE**. The Parties have common scientific and research interests and will cooperate in performing the activities stated below.

### **Types of Cooperative Activities**

The scope of collaboration on research activities to be pursued through this MOU includes the following:

1. Research collaboration in the areas of mutual interest.
2. Exchange of academic materials which are made available by both parties.
3. Exchange of visiting research scholars.
4. Cooperative symposia, seminars, workshops and conferences.

This MoU has been signed in two copies, of which each party has taken one. Both of them have equal validity for 3 years from the date of Signature.

Date: 01.09.2022



**Principal**

Priyadarshini Bhagwati College of Engineering,  
Harpur Nagar, Umrer Road,  
Near Bada Tajbagh, Dist-Nagpur,  
Maharashtra-440009

**Principal**

**Priyadarshini Bhagwati College of Engo**  
**Umred Road Nandur.**



**Principal**

K.D.K. College of Engineering, Great Nag Road  
Nandanvan, Dist- Nagpur, Maharashtra-440009

**PRINCIPAL**

**K.D.K.COLLEGE OF ENGG.**  
**NAGPUR-24.**



**Lokmanya Tilak Jankalyan Shikshan Sanstha's**  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

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Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in



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**Academic session 2022-23**

**Report on “Keynote address on: “The Dream World of Entrepreneur”**

1. Event Title : Keynote address on: “The Dream World of Entrepreneur” in “Industry Academia & Entrepreneurship Conclave - 2022”
2. Event Date and time : 28<sup>th</sup> September 2022
3. Event venue : Seminar Hall (First Floor)
4. Event resource person : Dr. C. C. Handa, Professor, KDKCOE, Nagpur
5. Name of Event Coordinator : Dr. S.P.Daf , III Cell Incharge,
6. Number of students : 110
7. Objective : To inspire and educate attendees about the entrepreneurial journey, its challenges, and the limitless potential it offers in the modern business landscape.
8. Outcome : Gain a deeper understanding of the entrepreneurial mindset and its importance in today's economy. Discover key strategies and insights for turning their entrepreneurial dreams into successful ventures. Be motivated to embrace innovation, take calculated risks, and pursue their entrepreneurial aspirations. Develop a clearer vision of the role of academia in nurturing and supporting entrepreneurship. Forge valuable connections with like-minded individuals, fostering collaboration between industry, academia, and entrepreneurship.

Dr. S.P.Daf  
III Cell Incharge

Dr. (Mrs.) A. R. Chaudhari  
Dean Academic

Dean Academics  
Priyadarshini Bhagwati College  
of Engineering, Nagpur

Dr. N. K. Choudhari  
Principal

Principal  
Priyadarshini Bhagwati College of Engo  
Umred Road, Nagpur.



**Nagpur, Maharashtra, India**

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Maharashtra, 440024, India

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Long 79.125345°

28/09/22 11:28 AM GMT +05:30

*S.P. Daf*

**Dr. S.P.Daf**  
III Cell Incharge

*A.R. Chaudhari*

**Dr. (Mrs.) A. R. Chaudhari**  
Dean Academic

**Dean Academics**  
Priyadarshini Bhagwati College  
of Engineering, Nagpur

*N.K. Choudhari*

**Dr. N. K. Choudhari**  
Principal  
**Principal**

**Priyadarshini Bhagwati College of Engo**  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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## Academic session 2022-23

### IQAC Initiative

### Report on One Day Workshop on "Research Skill Development "

1. Event Title : One Day Workshop on "Research Skill Development "
2. Event Date : 17/06/2023
3. Event conduction duration : One Day
4. Event venue : Faculty Seminar Room
5. Event Resourse Person : Dr. (Mrs.) S. P. Wankhede, Asso. Prof. KDKCOE, Nagpur.  
Dr. (Mrs.) A. R. Choudhari, IQAC Coordinator, PBCOE.
6. Name of Event Coordinator : Ms. U. V. Gaikwad, IQAC Member.
7. Number of faculties : 21
8. Objective : Faculties should be able to analyze and plan curriculum for the systematic development of Research skill.
9. Outcome : Faculties developed the skill how to plan or execute curriculum for the identified Research work.

Dr. (Mrs.) A. R. Chaudhari

IQAC Coordinator

Ms. U. V. Gaikwad

Event Coordinator

Dr. N. K. Choudhari

**Principal**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

IQAC Coordinator

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING,  
NAGPUR**



Internal Quality Assurance Cell

Name of Event : One Day Workshop on "Research skill development"

Date: 17/06/23

S. No.	Name of Faculty	Signature
1)	Dr. N. K. Choudhari	
2)	Dr (Mrs.) A. R. Chaudhari	
3)	Dr. R. A. Narendarwar	
4)	Ms. U. V. Greikwad	
5)	Dr. (Mrs.) S. R. Suple	
6)	Mrs. A. N. Patil	
7)	Ms. A. M. Soote	
8)	Ms. R. P. Ghutake.	
9)	Dr (Mrs.) R. V. Harane	
10)	Ms. Sonam U. Meshram	
11)	Ms. Sapana A. Bhande	
12)	Ms. Mounali. D. Bawankar	
13)	Ms. S. D. Kubde	
14)	Ms. V. M. Atkari	
15)	A. C. Haldar	
16)	Dr. S. G. Revankar	
17)	R. K. Bhogta	
18)	D. V. Jambhe	
19)	S. H. Chyolkar	

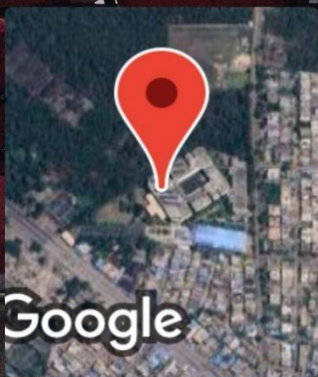


T. No.	Name of Faculty	Signature
20	Dr. A. D. Anjiker	
21	Dr. A. R. Thatore	
22)	Ms. R. D. Shingarjude	
23)	Mrs. K. A. Ande	
24)	Dr. D. M. Kute	
25)	Ms. S. E. Patil	
26)	Dr. R. A. Pimpale	
27)	Ms. A. H. Buleik	
28)	Mr. K. V. Madurewar	
29)	D. B. Jandak	

**IQAC Coordinator**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.



GPS Map Camera



**Nagpur, Maharashtra, India**

Harpur Nagar Road, 44CG+35R, Harpur Nagar,  
Nirmal Nagar, Nagpur, Maharashtra 440024, India

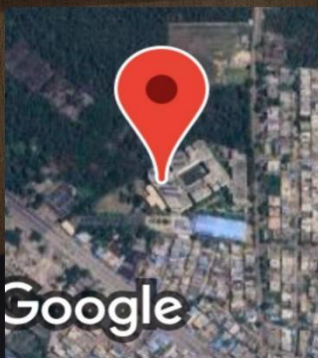
Lat 21.120327°

Long 79.12538°

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GPS Map Camera



**Nagpur, Maharashtra, India**


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Nirmal Nagar, Nagpur, Maharashtra 440024, India

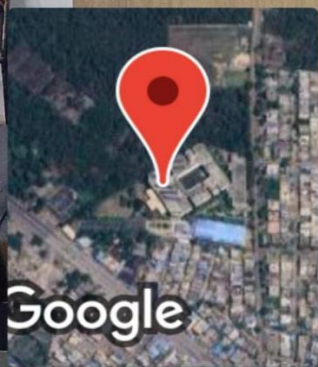
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Long 79.125378°

17/06/23 02:54 PM GMT +05:30



 GPS Map Camera



**Nagpur, Maharashtra, India**


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Nirmal Nagar, Nagpur, Maharashtra 440024, India

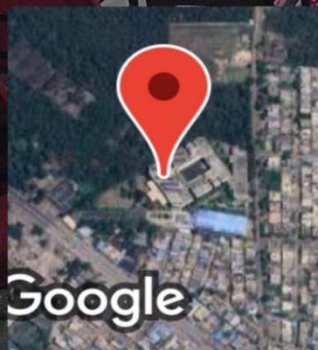
Lat 21.120329°

Long 79.12539°

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**Nagpur, Maharashtra, India**

Harpur Nagar Road, 44CG+35R, Harpur Nagar,  
Nirmal Nagar, Nagpur, Maharashtra 440024, India

Lat 21.120329°

Long 79.12539°

17/06/23 04:02 PM GMT +05:30

# MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Priyadarshini Bhagwati College of Engineering, Nagpur**

**AND**

**YBI Foundation**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 12<sup>th</sup> day of Jan 2022, by and between.

**Priyadarshini Bhagwati College of Engineering, Nagpur**, the First Party represented herein by **Dr. N. K. Choudhari** its Principal / Director / Head of Institution **Priyadarshini Bhagwati College of Engineering, Nagpur**, and **YBI Foundation**. The Second party, and represented herein by its Director **Dr. Alok Yadav**.

## WHEREAS:

- A) First Party is a Higher Educational Institution named: **Priyadarshini Bhagwati College of Engineering, Nagpur**.
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture, Virtual Learning etc.
- D) **YBI Foundation**, - the Second Party is engaged in Education, Skill Development, Women Empowerment, Research and Consultancy.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



## CLAUSE 1

### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

## CLAUSE 2

### SCOPE OF THE MoU

- 2.1 Industrial and Virtual Training: YBIF and Institution interaction will provide an insight into the latest developments / technologies / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to its best capability to help the delivery of the virtual training and placement support of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Priyadarshini Bhagwati College of Engineering, Nagpur**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

## CLAUSE 3 VALIDITY

- 3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms. Any act on the part of both the Parties after termination of this Agreement by



way of communication, correspondence etc., shall not be construed as an extension of this MoU. The validity of the MoU may however be for three years.

3.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.


#### CLAUSE 4

#### RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

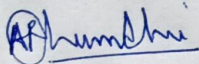
Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by mutual discussion.

First Party

  
12/01/2022

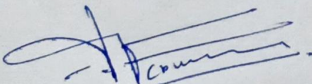
**Dr. N. K. Choudhari**  
Principal, PBCOE, Nagpur  
**Principal**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



**Prof. Dr. (Mrs.) A. R. Chaudhari**  
Dean Academics, PBCOE, Nagpur  
**Dean Academics**

Priyadarshini Bhagwati College of  
Engineering, Nagpur.

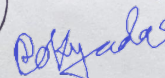


**Dr. P. M. Palkar**  
Training and Placement Officer  
PBCOE Nagpur

Coordinator  
Training and Placement Cell  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Second Party

  
**Dr. Alok Yadav**

YBI Foundation  
C 176B, Road No 38  
Mahavir Enclave Part 3  
Delhi - 110059  
+91-9971822209  
[alokiyadav@ybifoundation.org](mailto:alokiyadav@ybifoundation.org)



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini Bhagwati College of Engineering, Nagpur.**  
(Recognized by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to R.T.M.  
Nagpur University)

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**Department of Electronic & Communication Engineering**  
**Academic session 2022-23**

This is to officially report the successful completion of one month internship by the students from the Electronics and Communication Department. The internship took place from 27<sup>th</sup> March 2023 to 26<sup>th</sup> April 2023, at YBI foundation.

They successfully completed internship in fundamental of Machine Learning with Python for Business and Data Analytics, gaining valuable practical experience.

The students who have completed the internship are as follows:

1. Vedant Lokhande
2. Vallabh Kharwade

Dr. (Ms.) D. M. Kate

HOD  
Head

**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.



## Certificate of Completion

**Vedant Lokhande**

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Friday, May 05 2023  
14364000002798546

YBI Foundation

[www.ybifoundation.org](http://www.ybifoundation.org) (+91) 966 798 7711 [support@ybifoundation.org](mailto:support@ybifoundation.org)





## *Certificate of Completion*

***Vallabh Kharwade***

has successfully completed one month online internship in Python Programming with Data Structures & Algorithms at YBI Foundation from 27th March'23 to 26th April'23.

Friday, May 05, 2023  
14364000003495697

YBI Foundation

[www.ybifoundation.org](http://www.ybifoundation.org)   (+91) 966 798 7711   [support@ybifoundation.org](mailto:support@ybifoundation.org)

Date:- 12<sup>th</sup> December 2022

**MEMORANDUM OF UNDERSTANDING**

*Between*

**Party No. 1: PRIYADARSHINI BHAGAWATI COLLEGE OF ENGINEERING, NAGPUR, MS**

*And*

**Party No. 2: AD DESIGN SOLUTIONS, NAGPUR, MS**

This deed of Memorandum of Understanding agreed on mutual consent executed on this 12<sup>th</sup> day of December, 2022, between the Party No. 1 (PRIYADARSHINI BHAGAWATI COLLEGE OF ENGINEERING, NAGPUR, MS), & Party No. 2 (AD DESIGN SOLUTIONS, NAGPUR, MS).

Whereas, the party No. 1 is a premier educational institution imparting technical education at undergraduate established in 2007 in Nagpur, M.S., which is recognized & approved by the All India Council for Technical Education (AICTE) New Delhi, affiliated with RTMNU, Nagpur and party no. 2 is the institute working in the domain of technical education, consultancy and research.

The Partners, after due consideration of various aspects, have arrived at the following understanding:

**Objectives of the MOU:**

- 1) To promote and enhance academics by imparting training to the students, staff, and faculty by the Institute.
- 2) To facilitate regular interaction among faculty and students of both the parties.
- 3) To provide active inputs in curriculum revision of the courses run by the College.
- 4) To explore the possibilities of mutual support in their learning and research development based on mutual convenience.

**Date of Effect:**

This Memorandum of Understanding will come into effect on the date of signature and will remain in force until either side delivers written notification to the other of its intention to terminate the Memorandum, in that case it will be terminated two months after the receipt of such a notification.

**Term of MOU:**

This MOU will be effective for three years from the date of signature and can be renewed based on mutual consent.

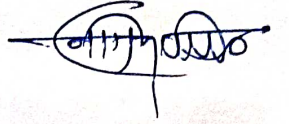
**Modification:**

The MOU may be amended by mutual consent through an exchange of correspondence between the two Parties.

**Exercising Authorities:**

**PRIYADARSHINI BHAGAWATI COLLEGE OF ENGINEERING, NAGPUR, MS.**

1. Head of Civil Engineering Department.



2. Director, AD DESIGN SOLUTIONS, NAGPUR, MS

**Terms and Conditions:**

- 1) Institute will provide academic interaction by delivering special lectures and/or organizing Workshops/STTPs at the College on topics of relevance to modern industries.
- 2) Institute will provide necessary support in organizing workshops/conferences/Skill Development Program at the College for enhancement of skills of faculty, staff and students.
- 3) Institute will provide necessary support for establishment of E-class Room, LAB, curriculum, research etc. at the College.
- 4) Use of academic infrastructure of Institute will be permitted for students and faculty of the College.
- 5) Both the parties will depute their experts as per the rule of Institute for limited period with mutual consent.
- 6) Joint guidance will be provided to the students for their projects/thesis with research area of national interest.
- 7) Institute will provide necessary support to the students of College for summer training.

The agreement have executed this deed on the date as hereinbefore mentioned.

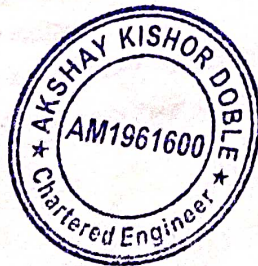
**AD DESIGN SOLUTIONS**  
• TRAINING • PLACEMENT • SOFTWARE • CONSULTANCY

**AD DESIGN SOLUTIONS,**  
Nagpur, MS



**Priyadarshini Bhagwati College Of  
Engineering, Nagpur**

*Akshay Doble*



*Principal*  
**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affillated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



## Civil Engineering Department

Date: 13/03/2023

### Notice

All the Students of Civil Engineering Department are hereby inform that department is going to organized expert lecture on “**Emerging And Necessary Softwares For Civil Engineers As Per Job Perspective**” which will be conducted by **Mr. Akshay Dhoble, Software Trainer and Design Engineer, CAD DESK Pvt. Ltd. Nagpur.** All the Students should attend the webinar on **15<sup>th</sup> March 2023 at 11.30 am** in Tutorial room of Civil Engineering Dept., PBCOE, Nagpur.

**Dr. R. N. Patil**

H. O. D. <sup>Head</sup> CIVIL Engg. Deptt.

Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

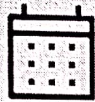
# Expert Lecture

on

## "EMERGING AND NECESSARY SOFTWARES FOR CIVIL ENGINEERS AS PER JOB PERSPECTIVE"

Organized by:

Department of Civil Engineering  
in association with CADD desk



15 March 2023



Department of Civil  
Engineering,  
Priyadarshini Bhagwati  
College of Engineering, Nagpur

**Coordinator**

Dr. Ranjit N. Patil

**Co-Coordinator**

Prof. N. B. Thikare



**EXPERT**

**Er. Akshay Doble**  
Managing Director,  
CADD Desk Nagpur

ETABS ETABS

SAP2000 SAP2000



Auto Cad

Primavera ORACLE  
PRIMAVERA



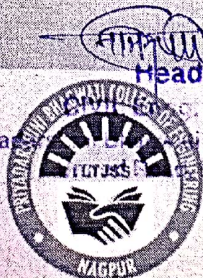
MS project

Revit AUTODESK  
REVIT



ArchiCad

Autodesk Civil 3D AUTODESK  
CIVIL 3D



Deptt  
College of Engg  
Nagpur.

**Priyadarshini Bhagwati College of Engineering, Nagpur**  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**

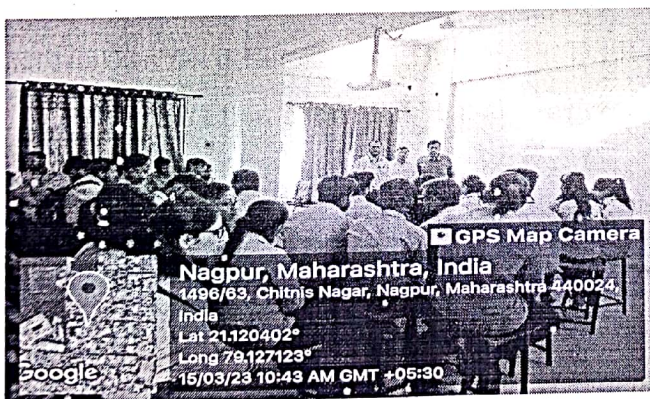
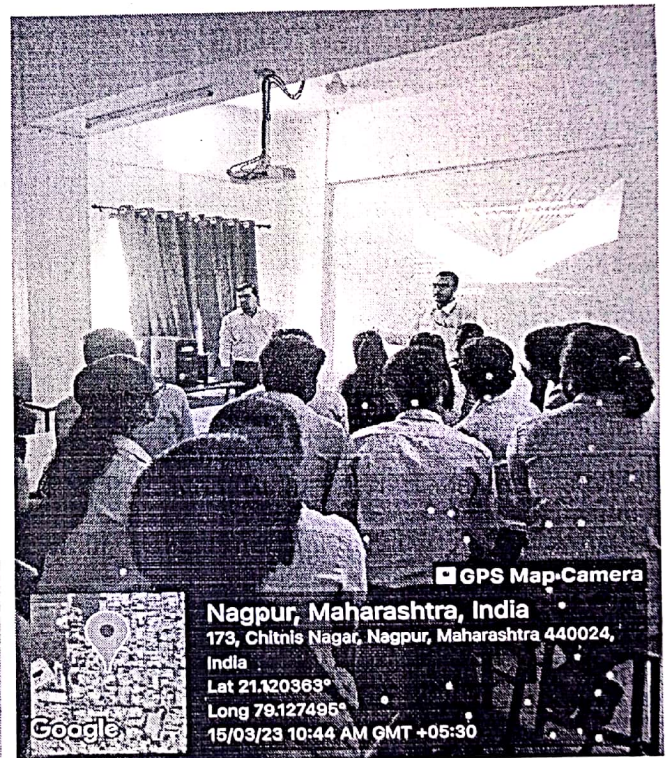


## DEPARTMENT OF CIVIL ENGINEERING

Date: 15/03/2023

The Civil Engineering Department of Priyadarshini Bhagwati College of Engineering Nagpur organized Expert lecture on “Emerging And Necessary Softwares For Civil Engineers As Per Job Perspective” dated 15/03/2023. The webinar was delivered by Mr. Akshay Dhoble, Software Trainer and Design Engineer, CAD Desk Pvt. Ltd. Nagpur.

The expert lecture was organized under the guidance of Hon'ble Principal Dr. N. K. Choudhari and HOD of Civil Engineering Department Dr. Ranjeet N. Patil along with the staff members, students have taken hard effort and initiative under the guidance of all civil engineering faculty members.



Total 54 students of B.E (Civil Engineering) along with Faculty members attended this expert lecture.

Coordinator : Dr. Ranjeet N. Patil

Co-Coordinator : Prof. N. B. Thikare

Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

Dr. Ranjeet N. Patil  
HOD, CV  
CIVIL Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

IDP Education India Pvt. Ltd.

Lotus Rachna Construction

Plot No.5 Gorepeth Layout

West High Court Road

Dharampeth

Nagpur 440010 India

Tel.: 0712 6684222

Email: info.nagpur@idp.com

## MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is made on this day  
**20<sup>th</sup> of September 2022**  
BY AND BETWEEN

### IDP Education India Pvt Ltd

IDP Education is the world's leading student placement company and proud co-owner of the IELTS Examination - the world's leading English proficiency test along with the British Council and the University of Cambridge (ESOL Examinations). In India, IDP has a presence with 34 offices across 27 cities. IDP is co-owned by 38 Australian universities. **IDP Education has its Branch Office at Nagpur- IDP Education India Pvt. Ltd. Lotus, Rachna Construction, West High Court Road, Dharampeth, Nagpur - 440010.**

AND

**Priyadarshini Bhagwati College of Engineering, Nagpur (PBCOE)**, a premier Institute part of a network of educational institutions administered by the first Party is a Higher Educational Institution since 2007 and administered by Lokmanya Tilak Jankalyan Shikshan Sanstha, having its registered office at, **Harpur Nagar, Umred Road, Near Bada Tajbag Nagpur-440024** (hereinafter referred to as "PBCOE" which expression shall mean & include unless repugnant to the context or meaning thereof, its successors & permitted assigns) of the other part.

**IDP Education India Pvt Ltd., Nagpur & PBCOE**, Nagpur are hereafter referred to individually as "Party" and collectively as "Parties".

### PREAMBLE

**IDP Education** Helps international students gain admission to educational institutions in the main English-speaking countries.

**WHEREAS PBCOE** It is Approved by AICTE New Delhi (AICTE Permanent ID: 1-5404081) & DTE Mumbai (DTE Code: 4177), Recognized by Govt. Of Maharashtra and Affiliated with RTM Nagpur University.

**WHEREAS** IDP India, Nagpur Services include personalized course advice, course application submission and pre-departure guidance.

**WHEREAS PBCOE** has shown readiness to collaborate with **IDP Education, Nagpur** for promoting overseas studies & to provide required infrastructure & facilities for running & conducting the Seminars/Events from time to time throughout an academic year as and when required.

IDP Education India Pvt. Ltd.

Lotus Rachna Construction

Plot No.5 Gorepeth Layout

West High Court Road

Dharampeth

Nagpur 440010 India

Tel.: 0712 6684222

Email: info.nagpur@idp.com

**THEREFORE** in consideration of the foregoing & mutual covenants and promises contained herein, the Parties agree as follows:

1. It is agreed between the parties that IDP Education; Nagpur & **PBCOE** shall work together on a **non-exclusive** basis for the **areas** mentioned hereof.
2. Role & responsibilities of each party will be as under:

**Role & Responsibilities of IDP Education, Nagpur:**

- Conducting education fairs once or twice a year where US, UK, New Zealand, Canada, and Australian Universities representatives will participate.
- Conducting Seminars on IELTS & Overseas Studies.
- Inviting **PBCOE** students to education fairs and events at Nagpur.
- Guest talks by eminent professors and scholars from international universities we are partnered with.

**Role & Responsibilities of Priyadarshini Bhagwati College of Engineering, Nagpur (PBCOE):**

- Allow students of **PBCOE** to attend the various events/ Seminar conducted by IDP.
- Suggest services of IDP Education to students planning their studies abroad.
- To provide required infrastructure & facilities like:
  - Permission to post IDP education, and Nagpur event posters in college & hostel area.
  - Permission for using classroom/Seminar Hall (typically 1-2 times a year during post-college hours for conducting Events/Seminars/one-to-one sessions).
  - LCD Projector (if possible), Auditorium, Tables& Chairs.
- Allow IDP to install the International Studies help desk for students on the campus of **PBCOE** with the permission of the college authority.
- Allow IDP with a Space in Library to set up an International Education section wherein a student can read about various destinations for the future goal with the permission of the college authority.

**Term of MOU:**

This MOU comes into force from the day of signing by the last party. The term of this MOU is Two (2) years from the last party signing hereof. Either party may terminate this MOU by giving the other party thirty (30) days prior written notice.

**Limitation of liability:** Neither party shall be liable for any special, indirect, incidental, punitive, contingent, or consequential loss or damages suffered out of or in connection with the aforesaid MOU whether because of a breach of this MOU or otherwise.

**Dispute Resolution:**

This is a non-binding Memorandum of Understanding ("MOU"). The parties recognize that a bona fide dispute as to certain matters may from time to time arise during the term of this MOU, which relates to either Party's rights or obligations hereunder. In the event of the occurrence of such dispute, either Party may, by written notice to the other Party, have the such dispute referred jointly to the authorized representatives of the Parties, or their successors or counterparts, for an amicable resolution by good faith negotiations within 15 days after such notice is received in respect of such dispute.



IDP Education India Pvt. Ltd.

Lotus Rachna Construction

Plot No.5 Gorepeth Layout

West High Court Road

Dharampeth

Nagpur 440010 India

Tel.: 0712 6684222

Email: info.nagpur@idp.com

IN WITNESS WHEREOF, the Parties hereto, each acting under due & proper authority have executed this MOU as of the date written above

FOR IDP Education, Nagpur	FOR Priyadarshini Bhagwati College of Engineering, Nagpur (PBCOE)
Signature / Stamp  IDP Education India Pvt. Ltd. 1st Floor, Lotus Building, WHC Road, Dharampeth, Nagpur - 440010 Tel: 0712-6684222 Email : info.nagpur@idp.com	Signature / Stamp  Principal Priyadarshini Bhagwati College of Engg. Umred Road, Nagpur.
Name of representative: Tyrone Pinto	Name of signatory: Dr. Nitin K.Choudhari Principal.



## MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is made on this day

**20<sup>th</sup> of September 2022**

BY AND BETWEEN

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### **PREAMBLE**

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### **WHEREAS**

**PBCOE**, It is Approved by AICTE New Delhi (AICTE Permanent ID: 1-5404081)& DTE Mumbai (DTE Code: 4177), Recognized by Govt. Of Maharashtra and Affiliated with RTM Nagpur University.



**WHEREAS** IDP India, Nagpur Services include personalized course advice, course application submission and pre-departure guidance.

**WHEREAS** PBCOE has shown readiness to collaborate with **IDP Education, Nagpur** for promoting overseas studies & to provide required infrastructure & facilities for running & conducting the Seminars/Events from time to time throughout an academic year as and when required.

**NOW THEREFORE** in consideration of the foregoing & mutual covenants and promises contained herein, the Parties agree as follows:

1. It is agreed between the parties that IDP Education; Nagpur & **PBCOE** shall work together on a **non-exclusive** basis for the areas mentioned hereof.
2. Role & responsibilities of each party will be as under:

**Role & Responsibilities of IDP Education, Nagpur:**

- Conducting education fairs once or twice a year where US, UK, New Zealand, Canada, and Australian Universities representatives will participate.
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- Inviting **PBCOE** students to education fairs and events at Nagpur.
- Guest talks by eminent professors and scholars from international universities we are partnered with.

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- Suggest services of IDP Education to students planning their studies abroad.
- To provide required infrastructure & facilities like:
  - Permission to post IDP education, and Nagpur event posters in college & hostel area.
  - Permission for using classroom/Seminar Hall (typically 1-2 times a year during post-college hours for conducting Events/Seminars/one-to-one sessions).
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- Allow IDP with a Space in Library to set up an International Education section wherein a student can read about various destinations for the future goal with the permission of the college authority

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This is a non-binding Memorandum of Understanding ("MOU"). The parties recognize that a bona fide dispute as to certain matters may from time to time arise during the term of this MOU, which relates to either Party's rights or obligations hereunder. In the event of the occurrence of such dispute, either Party may, by written notice to the other Party, have the such dispute referred jointly to the authorized representatives of the Parties, or their successors or counterparts, for an amicable resolution by good faith negotiations within 15 days after such notice is received in respect of such dispute.

**IN WITNESS WHEREOF, the Parties hereto, each acting under due & proper authority have executed this MOU as of the date written above**

<b>FOR</b> IDP Education, Nagpur	<b>FOR</b> Priyadarshini Bhagwati College of Engineering, Nagpur (PBCOE)
Signature / Stamp 	Signature / Stamp  Principal Priyadarshini Bhagwati College of Engg. Umred Road, Nagpur.
Name of representative: Tyrone Pinto	Name of signatory: Dr. Nitin K. Choudhari Principal.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Mechanical Engineering**

PBCOE/ME/2022-23/07

Date:- 30/09/2022

**NOTICE**

All the students of mechanical are hereby informed that Mechanical Department has organized Seminar on "**Higher Education in Abroad**" by Mr. Tyrone Pinto, Counselor, IDP Education, Nagpur. The session will be conducted on **03<sup>rd</sup> October 2022** during 2:00 pm to 3:30 pm in the Seminar Hall (Fourth Floor). Students from mechanical are encouraged to take benefit of this seminar.

**Mr. S. M. Pimpalgaonkar**  
H.O.D (Mech)

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation



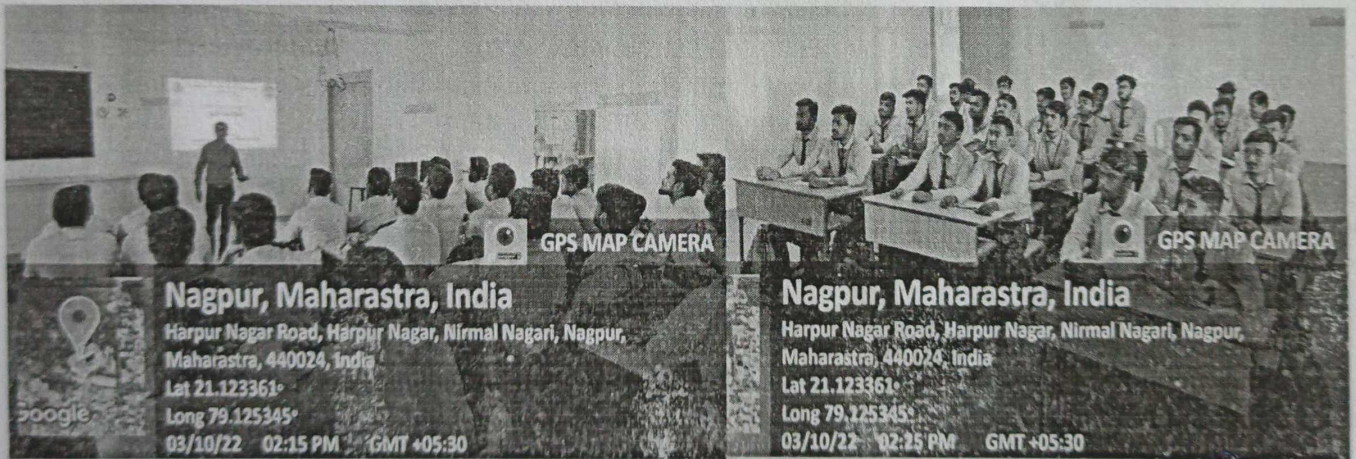
Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
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Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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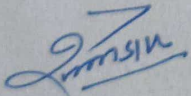



**Department of Mechanical Engineering**  
**Academic session 2022-23**

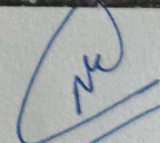
**Seminar Report on "Higher Education in Abroad"**

1. Event Title : Seminar on "Higher Education in Abroad"
2. Event Date and time : 03<sup>rd</sup> October 2022 at 2:00 pm to 3:30
3. Event venue : Seminar Hall (Fourth Floor)
4. Event resource person : Mr. Tyrone Pinto, Counselor, IDP Education, Nagpur.
5. Name of Event Coordinator : Dr. S.P.Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 48
7. Objective : To guide engineering graduates in exploring the prospects of higher education abroad, offering insights into program selection, application strategies, financial considerations, and the potential career benefits of international study.
8. Outcome : After attending the seminar, engineering graduates will possess a comprehensive understanding of the opportunities available for higher education abroad, have a clear grasp of the application process, be aware of scholarship options, and be inspired to embark on a path that enhances their engineering expertise and global career prospects.



  
Dr. S.P.Daf  
Event Incharge

  
Mr. S. M. Pimpalgaonkar  
Head  
H.O. Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



**Department of Mechanical Engineering**  
**Academic session 2022-23**

**Attendance Sheet**

Name of Event: Seminar on "Higher Education in Abroad"  
Date of Event: 03<sup>rd</sup> October 2022

Sr. No.	Name of Students	Sem	Signature
1	ABHISHEK ANANDRAO CHAURE	VII Sem	Abhishek
2	ABHISHEK N. KHAMBALKAR	VII Sem	Abhishek
3	AKHILESH NARENDRA DHANWIJ	VII Sem	Akhilesh
4	ANAY DEORAO SATIBAWANE	VII Sem	Anay Satsi
5	ANIKET BALAJI BADWAIK	VII Sem	Aniket
6	ANIMESH ASHOK MESHRAM	VII Sem	Animesh.
7	ANKIT CHUDAMAN PANTAWANE	VII Sem	Ankit
8	ARPIT SURENDRA NANDANWAR	VII Sem	Arpit
9	AYUSH AJAY SAKHARE	VII Sem	Ayush
10	BHAVESH RAMU KADWE	VII Sem	Bhavesh
11	BHAVESH UMESH RATHOD	VII Sem	Bhavesh
12	BHAVESH VILAS PARWE	VII Sem	Bhavesh
13	DATTA CHANDRASHEKHAR PAYTODE	VII Sem	Datta Paytode
14	GAURAV ANIL BANSOD	VII Sem	Gaurav
15	GAURAV MORESHWAR BHOYAR	VII Sem	Gaurav Bhojar
16	GAURAV YASHWANT CHHENIYA	VII Sem	Gaurav
17	HARSH ARVIND MESHRAM	VII Sem	Harsh
18	HEMANT RAMKISHOR SURYAWANSHI	VII Sem	H. Suryawanshi
19	HIMANSHU PANNALAL AMBULE	VII Sem	Himanshu Ambule
20	HIMANSHU RAMKRUSHNA JUMDE	VII Sem	Himanshu
21	KUNAL DIMOD THAWARE	VII Sem	Kunal
22	MAYUR GHANSHYAM WAGH	VII Sem	Mayur
23	NIHAL PUNARAM PISE	VII Sem	Nihal Pise
24	NIHAL VINOD KUKDE	VII Sem	Nihal
25	NIKHIL GOKULDAS WKADE	VII Sem	Nikhil
26	PAPPU MAROTI WAGHMARE	VII Sem	Pappu
27	PAVAN DAMODHAR TIDKE	VII Sem	Pavan
28	PRAJWAL ARVIND LADEKAR	VII Sem	Prajwal
29	PRAKASH VENKAT NAIDU	VII Sem	Prakash
30	PRAMOD KAWDUJI GADPAYLE	VII Sem	Pramod
31	PRANAY RAJENDRA MOON	VII Sem	Pranay
32	RUBEL ROBAT PAKALWAR	VII Sem	Rubel
33	SACHIN SHYAMRAO BORKAR	VII Sem	Sachin
34	SAGAR DEEPAK DHOBAL	VII Sem	Sagar

  
Head



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
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**Department of Mechanical Engineering**  
Academic session 2022-23

**Attendance Sheet**

Name of Event: Seminar on "Higher Education in Abroad"

Date of Event: 03<sup>rd</sup> October 2022

Sr. No.	Name of Students	Sem	Signature
35	SAGAR KAILAS THAKRE	VII Sem	
36	SAGARSINGH NARESHSINGH CHANDEL	VII Sem	
37	SAMEER VIJAY KADWE	VII Sem	
38	SANKET EKNATH NIMJE	VII Sem	
39	SANKET SURESHRAO GOMASE	VII Sem	
40	SAURABH PRAMOD LEPSE	VII Sem	
41	SHUBHAM SUKHDEO BAWANKULE	VII Sem	
42	SHUBHAM BHAURAOJI BAWANKAR	VII Sem	
43	SHUBHAM SURESH GOLANGE	VII Sem	
44	SNEHIL SHANKAR DHANORKAR	VII Sem	
45	SWAPNIL SHRIDHAR MESHARAM	VII Sem	
46	TANMAY MUKESH PANDE	VII Sem	
47	VEDANT PRADEEP CHORE	VII Sem	
48	VRUSHABH NARESH MOHURLE	VII Sem	
49	YOGESH SOPAN KUKDE	VII Sem	
50			

**Head**  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



**MEMORANDUM OF UNDERSTANDING (MOU)**

This Memorandum of understanding is entered on (Date:) 11/03/2022 between  
(Institute Name) Priyadarshini Bhagwati College of Engineering,  
having its registered office at (Address) Harpur Nagar, Umred Road  
Nagpur

\_\_\_\_\_,(hereinafter called  
"Institute" or "First Party" which expression shall where the context so admits include its  
successors and permitted assignees

**And**

KNR EDU SERVICES PVT LTD, a company incorporated under the provisions of Companies  
Act, 2013, bearing PAN AAICK3069Q and having its registered office at H.No.7-2-1453,  
TRT-1198, PIH COLONY, SANATH NAGAR, HYDERABAD, TELANGANA-500018,  
Official Channel Partner of Unacademy, hereinafter called as "Channel partner of Unacademy"  
or "Channel Partner" or "Second Party" (which expression shall where the context so admits  
include its successors and permitted assignees)

**WHEREAS:**

- (A) Unacademy is an online education platform that enables users to watch and upload educational  
videos. Unacademy has developed an online live streaming platform **plus.unacademy.com**  
("Platform") wherein educators can conduct live classes without being in the immediate  
physical proximity of the Learners via a live stream. By using this feature Learners will have  
access to classroom teachings and course material online on the Website/Platform from  
anywhere in the world.
- (B) Channel Partner of Unacademy entered into **Collaboration Agreement with Unacademy** as  
a Business Representative, to carry out Promotional, Marketing activities and to provide  
business to Unacademy across India.
- (C) Channel Partner in its capacity can negotiate with Unacademy for any bulk deals from the  
Institute in all category offerings from Unacademy such as GATE, ESE, CAT, UPSC, Bank  
exams, SSC, etc., exam preparation. The Subscription Cost of a Learner, in this case, shall be

Receiving Party agrees that, in the event of any breach of the confidentiality obligations under this Agreement, in addition to any other remedies at law or equity, Disclosing Party shall be entitled to equitable relief, including injunctive relief and specific performance.



VALIDITY: The MOU shall be valid, initially for a period of 2 years, extendable by mutual consent.

GOVERNING LAW AND DISPUTE RESOLUTION This MOU shall be governed by and construed in accordance with the laws of India, without reference to principles of conflict of laws and the courts in Hyderabad shall have exclusive jurisdiction to determine any dispute arising under this MOU.

TERMINATION

This MOU may be terminated by giving a notice of three months or the conclusion of ongoing programs, whichever is later, from either side.

This memorandum which is in 4 pages is signed on (Date): 11/03/2022 and exchanged.

For Institute (First Party)	For Channel Partner (Second Party)
Signature: 	
Name: <u>Dr. N.K. Choudhary</u>	KN Rao
Designation: <u>Principal</u>	Managing Director
Institute Name: <u>Priyadarshini Bhagwati College of Engineering Nagpur</u>	KNR Edu Services Private Limited



**Department of Training and Placement Cell**

**Academic session 2021-22**

**Report on Career Guidance by Unacedemy Team**

- |                              |   |
|------------------------------|---|
| 1. Event Title               | : Career Guidance by Unacedemy Team at PBCOE  |
| 2. Event Date                | : 21 March 2022 (Monday)  |
| 3. Event conduction duration | : 11:30 am to 03:30 pm  |
| 4. Event venue               | : Conference Hall (PBCOE)   |
| 5. Event resource person     | : Mr. Sai Pavan   |
| 6. Name of Event Coordinator | : Dr. P M. Palkar, TPO, PBOCE   |
| 7. Number of Students        | : 200 (MECH, CIVIL, CSE, IT, EC)  |
| 8. Objective                 | : To guide the students about how to prepare for interviews.                                    |
| 9. Outcome                   | : Students get the knowledge of company environment and skills required to face the interviews. |



*[Signature]*

Dr. P M. Palkar  
TPO

Training and Placement Cell  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

*[Signature]*

Dr. Mrs A R Chaudhari  
IQAC Coordinator

**IQAC Coordinator**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

*[Signature]*

Dr. N. K. Choudhari  
Principal

**Principal**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

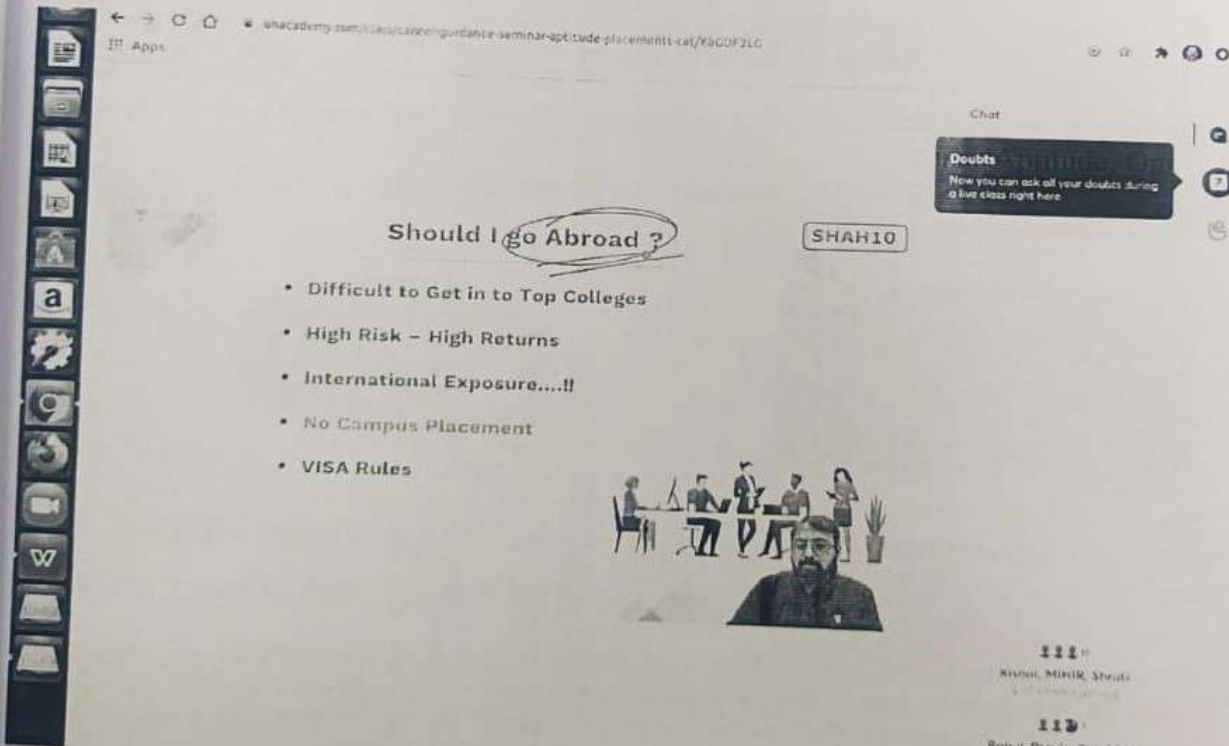


**Department of Training and Placement Cell**

**Academic session 2021-22**

**Report on Career guidance Seminar and Online Aptitude by Unacademy**

- |                              |  |
|------------------------------|--|
| 1. Event Title               | : Unacademy: Career guidance Seminar Aptitude, Online  |
| 2. Event Date                | : 25 March 2022 (Friday)   |
| 3. Event conduction duration | : 02:00 pm to 04:00 pm   |
| 4. Event venue               | : Unacademy site   |
| 5. Event resource person     | : Unacademy team   |
| 6. Name of Event Coordinator | : Dr. P. M. Palkar, TPO, PBOCE   |
| 7. Number of Students        | : 25 (MECH, CIVIL, CSE, IT, EC)  |
| 8. Objective                 | : Conducted aptitude test for students.  |
| 9. Outcome                   | : Students get to know the type of questions and level of aptitude required to crack the interviews. |



**Dr. P.M. Palkar**  
 Co-ordinator  
 TPO

**Dr. Mrs A R Chaudhari**  
 IQAC Coordinator

**Dr. N. K. Choudhari**  
 Principal

Training and Placement Cell  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur,

**IQAC Coordinator**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

**Principal**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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23/07/2022

Ref: PBcoe/2022-23/321

To,  
The CEO,  
Aeroflutter Techlabs,  
Nagpur.

Dear Sir,  
Sub: Research Project- Proposal for a joint work on your industrial problems.  
Greetings from Priyadarshini Bhagwati College of Engineering, Nagpur

It gives us immense pleasure to introduce ourselves as a premier Engineering College in Nagpur, imparting quality Engineering Education. We are offering five fulltime B. Tech degree programs and two post graduate programs affiliated to the RTMNU, Nagpur University and recognized by AICTE, New Delhi.


We know that you are a pioneer in the field of manufacturing high quality Drone and Robots to the needs of all types of industries a well-known company with modern equipment's for manufacturing of Drone and Robots.

As a part of our extension activity and to strengthen Institute-Industry partnership, we offer a research works in various areas of the Industries. Our faculty members are specialized in their field and have adequate knowledge to address and solve the problems arising in Industries. We also have state of the art modern infrastructure in our laboratories/workshops primarily to focus on academic needs of our students. And these facilities can be used up for design, drawing, conduct experiments, testing and can be extended up to validation etc,

Also we believe when theory and practice go hand in hand, many of the challenges faced by industries could be solved to achieve better results. In this regard, we would like to have a discussion with you and work on areas where we could jointly work together.

With regards,



  
Dr. N. K. Choudhary  
Principal  
**Principal**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur



# Aeroflutter Techlabs

40, Dhanvantari nagar,  
Umred Road, Nagpur-440009  
www.aeroflutter.com

Phone no.: +918087805452  
Email: aeroflutter@gmail.com

---

To  
The Principal,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur.

Dear Sir,  
Sub: Our approval for your offer of Research works.

Ref: i) Your willingness/offer letter dated on 23/07/2022  
ii) Our Telephonic discussions

In continuation with your offer of research works and further discussion over phone by representatives of both the parties in the reference cited, we are happy to offer our partnership in carrying out the new product development of manufacture of **“Design and fabrication of Fire Fighting Robot”**.

As we have been in this field of manufacturing and provide a service of Robots and Drone for many years, some of our clients require Fire Fighting Robot, We will be happy if you propose a project from design to complete manufacture of Fire Fighting Robot with our existing facility.

Kindly give us your consent on this at the earliest so we can further decide on the modalities of this work. We suggest you to go ahead on this project and if necessary, we are willing to attend meetings arranged by you to give technical inputs.

Also please note that your team can come and access our manufacturing, testing facilities on all working days with a prior intimation for collecting data.

Kindly inform us the schedule of meetings in advance so that we can depute our representatives to take part and give required inputs.

Thanking You.



Proprietor

**AEROFLUTTER TECHLAB**

PROPRIETOR





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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06/08/2022

From

The Principal,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur.

To,  
Department of Mechanical Engineering,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur.

Dear Sir,  
Sub: Allotting of Research work to your department.

Herewith I am forwarding the research work- Design and Fabrication of Fire Fighting Robot. of M/s Aeroflutter Techlabs, Nagpur who has taken interest in offering their project work to us.


I am directing this to your department and depute project coordinators to work on this and I wish you to successfully complete this.

Please note the terms and conditions regarding technical and commercial part of implementation of this project.

Kindly prepare a schedule and implement this project work.

Thanking You



  
PRINCIPAL  
**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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**DEPARTMENT OF MECHANICAL ENGINEERING**

07/08/2022

**SUBMITTED TO THE PRINCIPAL**

Sub: Allotting of Research work.

The following research work has been allotted to our department.

The title of the research work: **Design and Fabrication of Fire Fighting Robot**

Duration of the work: **6 months**

The following staff member have been deputed for this research work:

Name: **Dr. Shailendra P. Daf**

Designation: **Assistant Professor**

Mobile: **9665087710**

Department: **Mechanical Engineering**

Email Id: [Shailu\\_daf@rediffmail.com](mailto:Shailu_daf@rediffmail.com)

**Head**  
HoD/Mechanical  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Copy to

- i) Principal
- ii) Dean Academic
- iii) Department file
- iv) Individuals







Lokmanya Tikol Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

Harpur Nagar, Umred Road (Near Badli Tajbagh), Nagpur-24  
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**NAAC Accredited**

Ref: PBCE/2022-23/333

10/08/2022

To  
The CEO,  
M/s Aeroflutter Techlabs,  
Nagpur.

Dear Sir,  
Sub: Research work .

We would like to submit a feasibility report for your consideration based on our discussion about **Design and Fabrication of Fire Fighting Robot**. The feasibility study includes industry-level technical and implementation concepts.

Sr. No.	Name of Project	Cost (Rs)	Duration
01	<b>Design and Fabrication of Fire Fighting Robot</b>	45000/-	6 Month


**Terms and Conditions:**

- All the necessary components should be provided by the M/s Aeroflutter Techlabs, Nagpur for Research work
- If a field visit is necessary, M/s Aeroflutter Techlabs must organize it.
- It will be possible to modify and revise the design in the future.
- Payment can be issued after the results have been obtained to the satisfaction of the engineers of M/s Aeroflutter Techlabs.

Please contact us if you require any more information.

Thanking You!



  
Principal  
Priyadarshini Bhagwati College of Engineering  
Harpur Nagar, Umred Road, Nagpur-24



**A. Project Detail:**

Title of Project: <b>Design and Fabrication of Fire Fighting Robot</b>		
<b>Types of Client Organization</b>	Government/ Non-Government	Non-Government (Private)
<b>Types of Work</b>	Research Work / Consultancy Work	Research Work
<b>Nature of work</b>	New product/ Process development/Testing and Interpretation/ Design Checking	New Product

**B. Investigator Details**

Particulars	Investigator Detail
<b>Name</b>	Dr. Shailendra P. Daf
<b>Designation</b>	Assistance Professor
<b>Mobile</b>	9665087710
<b>Department</b>	Mechanical Engineering
<b>Email</b>	Shailu_daf@rediffmail.com

**C. Client Details**

Client Detail	
<b>Company Name</b>	M/s Aeroflutter Techlabs, Nagpur
<b>Name of Contact Person</b>	Mr. Ankit Bhagat
<b>Designation</b>	Director, Aeroflutter Club
<b>Mobile</b>	8087805452
<b>Email</b>	aeroflutter@gmail.com

**D. Time Schedule**

Academic Year	Month	Year of Starting	Date (From -To)
2022-2023	August	2022	10/08/2022 to 10/01/2023

**E. Payment Details**

Payment Details (To be Filled Accounts Department)	
<b>Total Value of Work (in Rs)</b>	45000
<b>Payment Terms/MoU/Agreements</b>	Agreements
<b>Advance Payment (If any)</b>	Nil
<b>Mode of Payment</b>	Cheque/NEFT

**F. Scope of the Research work**

Keep Life Safe:- As a lifeless robot, fire fighting robot can fully play their role in various dangerous and complex environment such as high temperatures ,toxic, hypoxia and greatly reduce the casualties of firefighters

**AGREEMENT BETWEEN CLIENT AND PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR.**

The above schedule/terms and conditions have been mutually agreed by both the parties, and have been signed in the presence of witness.


**AEROFLUTTER TECHL, ...**

Signature of the Client

  
**PROPRIETOR**

Priyadarshini Bhagwati college of Engineering, Nagpur.

Principal

  
**Principal**  
Priyadarshini Bhagwati College of Engg.

Witness:



1. Mr. S. M. Pimpalgaonkar

  
2. Dr. Shailendra P. Daf



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
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### MINUTES OF MEETING

Title of the Work: **Design and Fabrication of Fire Fighting Robot**

Meeting Number:01

Date: 14/08/2022

Investigator (PBCOE, Nagpur)		Client Incharge (Aeroflutter Techlabs, Nagpur)	
<b>Name</b>	Dr. Shailendra P. Daf	<b>Name</b>	Mr. Ankit Bhagat
<b>Designation</b>	Assistance Professor	<b>Designation</b>	Director
<b>Mobile</b>	9665087710	<b>Mobile</b>	8087805452
<b>Department</b>	Mechanical Engineering	<b>Adress</b>	40, Dhanvantari Nagar Umred Road, Nagpur 440009
<b>Email</b>	Shailu_daf@rediffmail.com	<b>Email</b>	aeroflutter@gmail.com

### Minutes of Meeting

#### Points Discussed:

1. A formal meeting comprising of representatives of the industry and faculty is arranged in the board room to discuss and detail of the research work.
2. The PBCOE team and Coordinator of the research work Dr. S. P. Daf, Assistant Professor elaborated the technical details required to undertake the works.
3. The company permitted the design team to visit their site to obtain some technical data.
4. First week of September 2022 has been fixed up for visiting the site.
5. The team discussed about the phases of the research work.
6. It is agreed that the cost of manufacturing is to be borne by the company.

  
Investigator

  
HOD  
Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg-  
Umred Road, Nagpur.

  
AEROFLUTTER TECHL.  
Client

PROPRIETOR

  
Principal  
Principal





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
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**MINUTES OF MEETING**

Title of the Work: **Design and Fabrication of Fire Fighting Robot**

Meeting Number:02

Date: 18/09/2022

Investigator		Client Incharge	
Name	Dr. Shailendra P. Daf	Name	Mr. Ankit Bhagat
Designation	Assistance Professor	Designation	Director
Mobile	9665087710	Mobile	8087805452
Department	Mechanical Engineering	Address	40, Dhanvantari Nagar Umred Road, Nagpur 440009
Email	Shailu_daf@rediffmail.com	Email	aeroflutter@gmail.com

**Minutes of Meeting**

**Points Discussed:**

1. A meeting with the representatives of the company and PBCOE is arranged in the board room on 14-08-2022.
2. Work of Phase 1 was discussed.
3. Data relating to input and output parameters of the Design and Fabrication of Fire Fighting Robot were discussed.
4. The details of electrical power required, mechanical components — its dynamic and kinematic details, the overall dimensions, space constraints, detailed drawings of individual parts were discussed.
5. The company agreed to manufacture/ fabricate the components.

  
Investigator

  
HOD, Head  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

  
Client

  
Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

AEROFLUTTER

PROPRIETOR





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

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**NAAC Accredited**

**MINUTES OF MEETING**

Title of the Work: **Design and Fabrication of Fire Fighting Robot**

Meeting Number:03

Date: 16/10/2022

Investigator		Client Incharge	
Name	Dr. Shailendra P. Daf	Name	Mr. Ankit Bhagat
Designation	Assistance Professor	Designation	Director
Mobile	9665087710	Mobile	8087805452
Department	Mechanical Engineering	Adress	40, Dhanvantari Nagar Umred Road, Nagpur 440009
Email	Shailu_daf@rediffmail.com	Email	aeroflutter@gmail.com

**Minutes of Meeting**


**Points Discussed:**

1. A Meeting is organized for research work of Mechanical Engineering department in the board room.
2. Design of hydraulic and pneumatic system components and specifications and their drawings have been finished and PBCOE asked the company to buy standard bought out components and others to machine in their factory.
3. The PBCOE company requested Aeroflutter Techlabs designers to be present during the Fabrication in Workshop.
4. The designers enquired about standard bought out components for the design of pneumatic systems and other accessories like valves, pressure switches, pump etc.,
5. The company from their experience asked the designers to modify some of the components to their requirements.

  
Investigator

  
HOD  
Head  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
AEROFLUTTER TECHLAB  
Client

  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

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**MINUTES OF MEETING**

Title of the Work: **Design and Fabrication of Fire Fighting Robot**

Meeting Number:04

Date: 14/12/2022

Investigator		Client Incharge	
Name	Dr. Shailendra P. Daf	Name	Mr. Ankit Bhagat
Designation	Assistance Professor	Designation	Director
Mobile	9665087710	Mobile	8087805452
Department	Mechanical Engineering	Adress	40, Dhanvantari Nagar Umred Road, Nagpur 440009
Email	Shailu_daf@rediffmail.com	Email	aeroflutter@gmail.com

**Minutes of Meeting**

**Points Discussed:**

1. A Meeting is organized for research work of Mechanical Engineering department in the board room.
2. The Fabricated setup are sent to the IT Department for Software Development and Coding.
3. The trail run taken in the presence of the PBCOE and industry representatives.
4. The components functions are monitored and have been checked for design values.
5. The fitness of components was adjusted with technicians of the company.

  
Investigator

  
HOD  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

  
AEROFLUTTER TECH.

Client  
PROPRIETOR

  
Principal  
Priyadarshini Bhagwati College of E





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in



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### MINUTES OF MEETING

Title of the Work: **Design and Fabrication of Fire Fighting Robot**

Meeting Number:05

Date: 22/01/2023

Investigator		Client Incharge	
Name	Dr. Shailendra P. Daf	Name	Mr. Ankit Bhagat
Designation	Assistance Professor	Designation	Director
Mobile	9665087710	Mobile	8087805452
Department	Mechanical Engineering	Address	40, Dhanvantari Nagar Umred Road, Nagpur 440009
Email	Shailu_daf@rediffmail.com	Email	aeroflutter@gmail.com

### Minutes of Meeting

#### Points Discussed:

1. The company congratulated the management of PBCOE, the Principal, HoD, Invigilator for their cooperation.
2. PBCOE thanked the company for providing an opportunity to address the industry problems and to arrive at solutions.
3. It is planned to conduct cost estimation of the newly developed Fire Fighting Robot
4. The company has agreed to give the details of costing from their past experience.
5. The testing is carried out in the test bench of the industry.
6. The performance analysis is discussed and compared with the design values.
7. The drawings and reports were handed over to the company and is permitted to go for

  
Investigator

  
HOD Head  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
AEROFILTER TECH.  
Client  
PROPRIETOR

  
Principal  
Principal  
Priyadarshini Bhagwati College of Eng  
Umred Road, Nagpur







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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **DESIGN AND FABRICATION OF FIRE FIGHTING ROBOT**

#### **ABSTRACT**

This project is designed to develop a fire fighting robot using RF control technology for remote operation. The robotic vehicle is loaded with water tanker and a pump which is controlled over wireless communication to throw water. An 8051 series microcontroller is used for the desired operation. This mobile robot is controlled using a mobile phone and reaching fire at the transmitting end using push button, commands are sent to the receiver to control the movement of the robot either to moved forward, backward and left or right. At the receiving end four dc motors are interfaced to the microcontroller. Further project enhanced by interfacing it with a wireless technology.

#### **Detail of Project:**

Fire causes tremendous damage and loss of human life and property. It is sometimes impossible for the fire fighter personnel to access the sight of fire because of explosive materials, smoke and high temperature. Through this we can conclude that robot can be placed where human lives are at risk. The robot can operate in the environment which is out of human reach in very short time. In such environments, fire fighting robots can be useful for extinguishing fire. These robots should be controlled remote operators who are located far away from the fire site using remote communication systems. The robot accurately and efficiently finds the fire within minimum time after the fire is detected. In future work Project aims to promote technology innovation to achieve a reliable and efficient outcome. Mobile robot that can move through a model structure, find fire and extinguish it. The movement of the robot is controlled by the sensors which are fixed on the mobile platform .is to provide security of home, laboratory, office, factory and building is important to human life. We develop an intelligent multisensory based security system that contains a fire fighting system in our daily life. We design the fire detection system using sensors in

the system, and program the fire detection and fighting procedure using sensor based method.

### Components Used:

The model which we have fabricated fire fighting robot. All these components assembly assemble on the flat ply board

The main components used to fabricate the model are:

1. DC Diaphragm WATER PUMP 12v
2. NODE MCU
3. Wheels
4. GSM Modem
5. Relay 12 Volt
6. Copper Clad
7. Etching Powder ( FECL3)
8. BC 547 Transistor

### Diagram:





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### UTILIZATION CERTIFICATE

This is to certify that an amount of Rs. 45,000 (Rs. Forty-five thousand only) sanctioned during the academic year 2022- 23 in favour of the Principal, Priyadarshini Bhagwati college of engineering, Nagpur received from the M/s AeroFlutter Techlabs, Nagpur has utilized for the purpose of Research work entitled "Design and fabrication of Fire Fighting Robot" and conditions of grants are fulfilled.



  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.





Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

## CERTIFICATE OF APPRECIATION

*Presented to*


**PRIYADARSHINI BHAGWATI COLLEGE OF  
ENGINEERING NAGPUR**

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **December 15, 2022** in association with **RGNIIPM, Nagpur** by providing your valuable time and support is highly appreciated.*

*Solicit your continued support for outreach of IPR far and wide.*



**Date: December 26,  
2022**

  
(Prof. (Dr) Unnat P. Pandit)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING,  
NAGPUR**

**Internal Quality Assurance Cell**

**Academic session 2022-23**

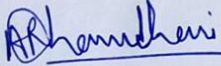
Dr. (Mrs.) A. R. Chaudhari  
IQAC Coordinator  
Ref. No: PBCOE/IQAC/22-23/no-2

Date: 13/12/2022

**NOTICE**

This is to inform the faculty members and students of this institute that IQAC of our College is organizing one day workshop on “ **Intellectual Property Rights (IPR) and Patents, Design Filing**” in collaboration with Rajiv Gandhi National Institute of Intellectual Property management. The resource person for the workshop is **Dr. Bharat N. Suryawanshi**, Asst. Controller of Patents & Design, RGNIPM, Govt. Of India, DPIIT, Ministry of Commerce & Industry. Ms. U. V. Gaikwad, IQAC Member will coordinate the activity.

Date: 15/12/2022  
Venue: Auditorium  
Time: 2.30 pm



Dr.( Mrs.) A. R. Chaudhari  
(IQAC Coordinator)  
**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Dr.N.K.Choudhari  
(Principal & IQAC Chairperson)  
**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Copy to:  
Coordinator first year , HOD CSE , HOD IT, HOD EC, HOD Civil, HOD MECH  
( for circulation to the faculty members)



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## Academic session 2022-23

### Report on one day workshop on "Intellectual Property Rights (IPR) and Patents, Design Filing"

1. Event Title : One day workshop on "Intellectual Property Rights (IPR) and Patents, Design Filing"
2. Event Date : 15/12/2022
3. Event conduction duration : 2 Hrs.
4. Event venue : Auditorium
5. Event recourse person : **Dr. Bharat N. Suryawanshi**, Asst. Controller of Patents & Design, RGNIIPM, Govt. Of India, DPIIT, Ministry of Commerce & Industry
6. Name of Event Coordinator : Dr. (Mrs.) A. R. Chaudhari  
Ms. Uma V. Gaikwad
7. Number of students and faculties : 290
8. Objective : Participant Should be aware about IPR and rules for Filing Patents
9. Outcome : Participant got insight into IPR and rules of Filing Patents

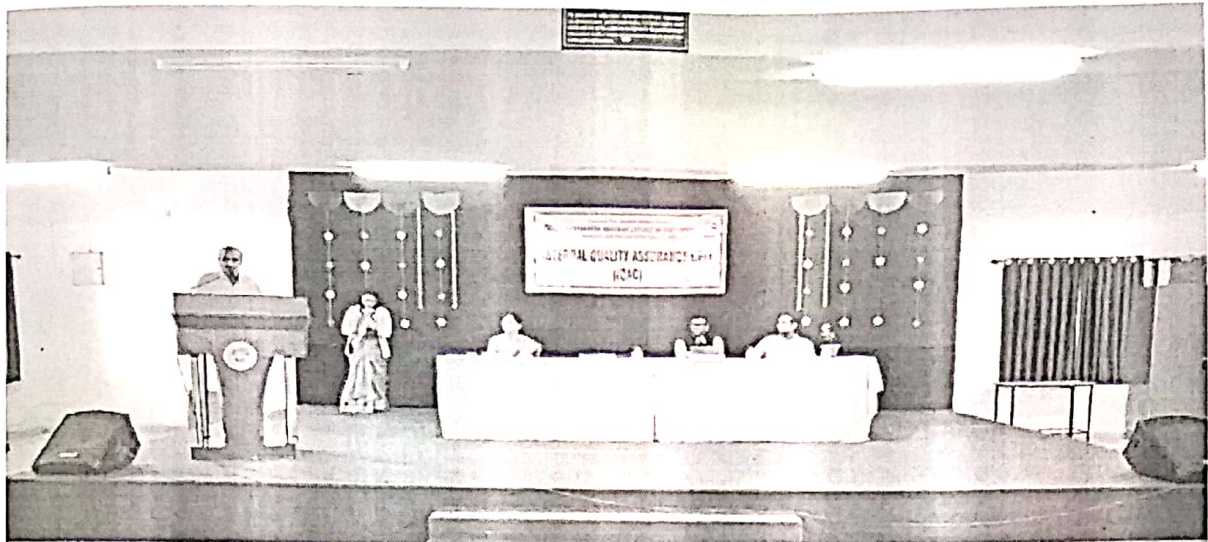
Dr. (Mrs.) A. R. Chaudhari  
IQAC Coordinator

**IQAC Coordinator**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Dr. N. K. Choudhari  
Principal

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Plot No. 7A, Pawansut Nagar, behind Nirmal Nagari, Dhanwantari Nagar, Chitnis Nagar, Nagpur, Maharashtra, India

Nagpur  
Maharashtra  
India

2022-12-15(Thu) 02:36(PM)

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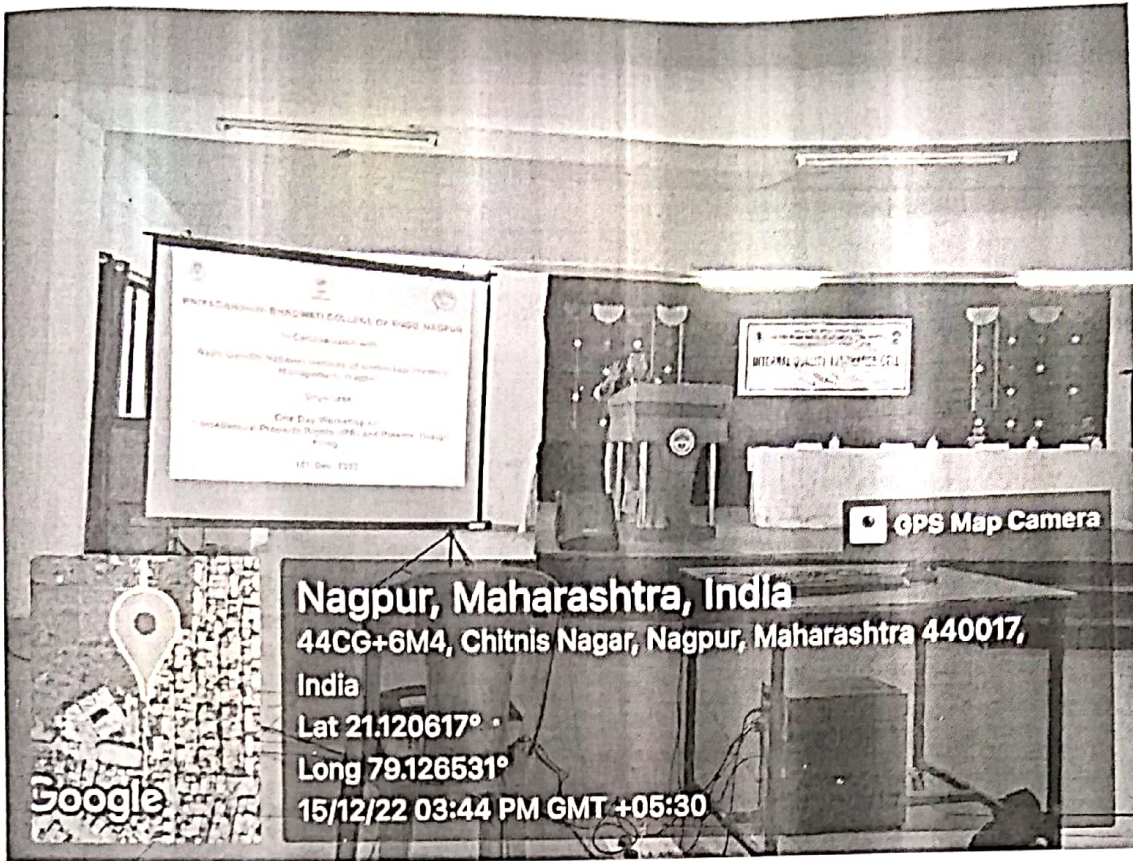
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Dhanwantari Nagar, Chitnis Nagar, Nagpur, Maharashtra  
440009, India  
Lat 21.120643°  
Long 79.126232°  
15/12/22 03:04 PM GMT +05:30

*AP Jha*

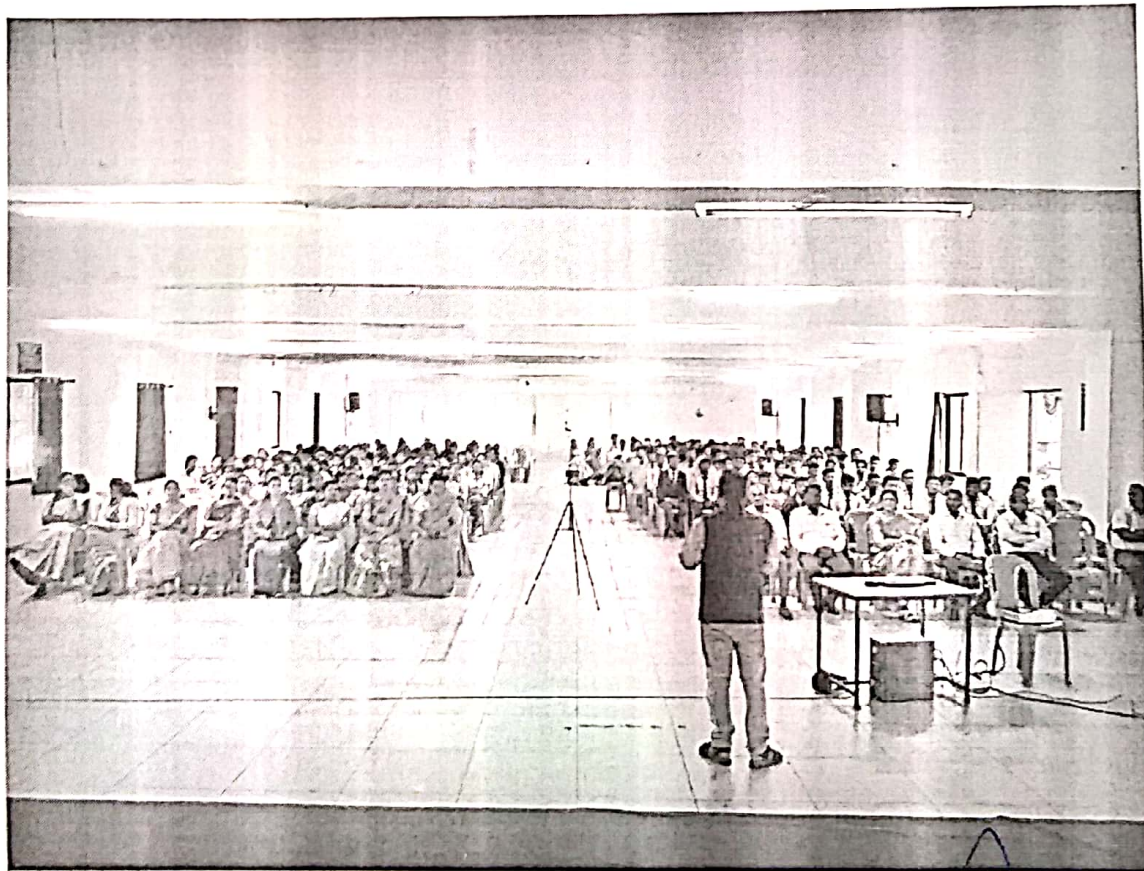
**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

*NE*

**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



**Nagpur, Maharashtra, India**  
 44CG+6M4, Chitnis Nagar, Nagpur, Maharashtra 440017,  
 India  
 Lat 21.120617° ·  
 Long 79.126531°  
 15/12/22 03:44 PM GMT +05:30



*AA Chaudhari*  
**IQAC Coordinator**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

*NU*  
**Principal**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.



Priyadarshini Bhagwati College of Engineering, Nagpur  
Session 2022-23

One Day workshop on "Intellectual Property Rights (IPR) and Patents, Design Filing"

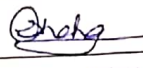
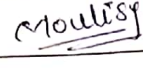
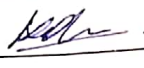
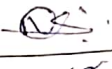
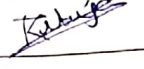
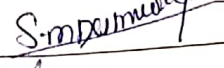
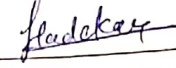


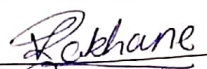
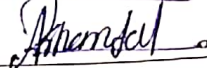

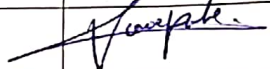
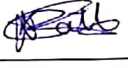
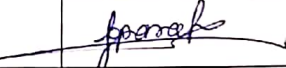
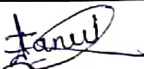
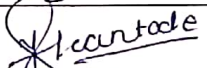
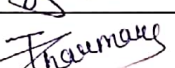
Name of Resource person : Dr. Bharat N. Suryawanshi,  
Asst. Controller of Patents & Design, RGNIPM, Govt. Of India,  
DPIIT, Ministry of Commerce & Industry

Attendance Sheet

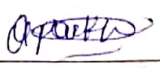
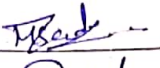
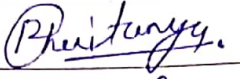
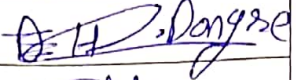


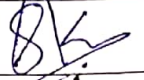
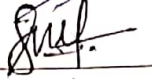
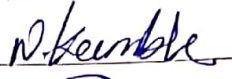
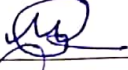
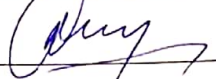
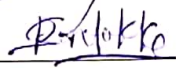
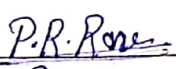
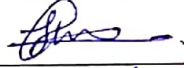
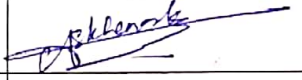
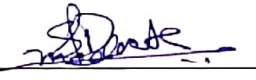
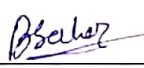

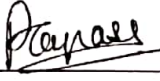
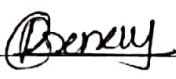
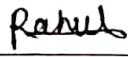
Date: 15/12/2022

Sr. No	Name of Student	Signature
1.	Bhagyashvi W. Watawar	Watawar
2.	Kumkum Jambekar	Jambekar
3.	Anishka Mungale	Mungale
4.	Abhruiti Gajbhaye	Gajbhaye
5.	Priya Nahale	Nahale
6.	Khushi Khole	Khole
7.	Namrata Shivastkar	Shivastkar
8.	Sneha More	More
9.	Azita Zalke	Zalke
10.	Muskan Riyaz Sheikh	Sheikh
11.	Khushi Pandey	Pandey
12.	Sayali Bhalchandra Chikhale	Chikhale
13.	Jayshree Punesh Thakre	Thakre
14.	Kajal Jain	Jain
15.	Dinal Jitendra wani	wani
16.	Sanskriti D. Kausale	Kausale
17.	Saniya .V. Pawankar	S.V.Pawankar

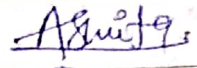
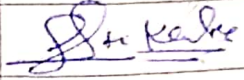
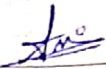
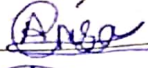
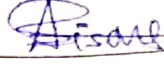
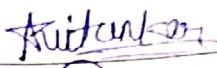
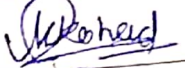
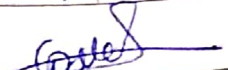
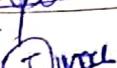
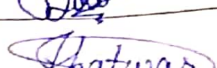
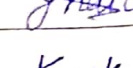
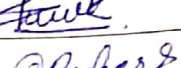
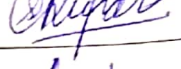


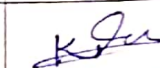
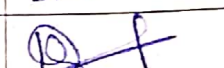
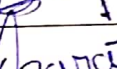
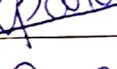
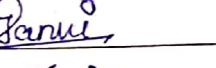
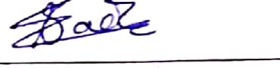

Sr. No	Name of Student	Signature
18.	Aaditi P. Mahabudhe.	<del>A Mahabudhe</del>
19	Bhavana A. Mahure	<del>B Mahure</del>
20.	Chirastani Chakma	chirastani
21	Pealiksha Jumble	<del>P Jumble</del>
22.	Sushiti A. Bakhare	<del>S Bakhare</del>
23.	Ritika M. Bhojare	<del>R Bhojare</del>
24]	Vishali P Kumbhure	V.P. Kumbhure
25]	Ketakee R. Shende	K. Shende
26]	Zeenat S. Sheikh	<del>Z Sheikh</del>
27]	Arijumand Mahale. Shabbir. Sheikh	<del>A Sheikh</del>
28]	Aarti C. Bhojare	Aarti
29]	Janhavi Sham Dongre	<del>J Dongre</del>
30]	Almama I. Sheikh	<del>A Sheikh</del>
31]	Ruchika M. Rahad	<del>R Rahad</del>
32]	Priyanka A. Devhare.	<del>P Devhare</del>
33]	Payal . Y . Bai's	<del>P Bai's</del>
34]	Poorna C. Bind	<del>P Bind</del>
35]	Shruti . V. Jais	Shruti Jais
36]	Juhi . M. Jais	Juhi Jais
37]	Bhoomika S. Jais	Bhoomika Jais
38]	Renuka Vijay gate	<del>R gate</del>
39]	Aachal shaitesh Komble	A-S. Komble

Sr. No	Name of Student	Signature
40]	Sneha. S. Bhotmange.	
41]	Mouli S Yerpude	
42]	Lay K dhagale	
43]	Nandini R. kshirsagar	
44]	Rutuja Meshram	
45]	Ku. Shravani Madhakar Deshmukh	
46]	Ku. Shravani Yashvant Lodekar	
47]	Kanak Akre	
48]	Gujar Ghogre	
49]	Vaibhavi P. Bakhare	
50]	Achal P. Khondal	
51]	Tsupti K. Kulkade	T.K. Kulkade
52]	Shubhangi P. Dherge.	S. Dherge.
53.	Achal Lakhe	
54.	KOMAL POTE	
55.	Janvi Patle	
56.	Sumedha Zodape	S. Zodape
57	Jyoti Vasantrao Patil	
58.	Janvi Dangre	
59.	Yamini Kartode	
60.	Tsupti. Dharmare	
61	Kanchan Khonde	K. R. Khonde

Sr. No	Name of Student	Signature
62.	Teena. V. Kumbhake	Teena
63.	Aayushi R. Kamble	Aayushi Kamble
64.	Samradny Kubde	Samradny
65.	Simran Dahake	Simran
66	Twinkle Hanwate	Twinkle
67	Achal Kolse	Achal
68	Samiksha Nimalkar	Samiksha
69	Anam Khan	Anam
70	Komal Takande	Komal
71	Astha Kapoor	Astha
72	Aatya Jyampal Awaze	Aatya
73	Arjun Omprakash Pali	Arjun
74	Rupak S. Tyde	Rupak
75	Pearav Khaekar	Pearav
76.	Sujal S. Wankhede	Sujal
77.	Deepak. P. Tele	Deepak
78	Nikhil N. Bhiogade	Nikhil
79]	Harsh P. Zende	Harsh
80]	Arpan. N. Pandey	Arpan
81]	Gaurav P. Navarkhede	Gaurav
82]	Sujal U. Ray	Sujal Ray
83]	Pranay P. Meshram	Pranay

Sr. No	Name of Student	Signature
84]	Om Parthi	
85]	Aditya P. Bangare	A.P. Bangare
86]	Manthan S. Zade	
87]	Chaitanya Mohanjankar	
89]	Himanshu R. Dongre	
90]	Harshad Bhade	
91]	Rubel Pakalwar	
92]	Samad Khan	
[93]	Mr. Manish K. Meshram	
94]	Wageshwar Kailas Kumbale	
95]	Madhur P. Moray	
96)	Nayam V. Ukey	
97]	Pratik D. Sonpatke	
98]	Prathamesh R Rane	
99)	Samir G. Navlakhe	
100]	Aryan S. Khanolkar	
101)	Samay D. Modak	
102)	Bhojeshwar D. Sahare	
103]	Rugved M. Raspayke	
104]	Pravesh V. Tapase	
105]	Preraj R. Borikar	
106]	Rahul S. Paswan	

Sr. No	Name of Student	Signature
107	Jyoti P. Shelke	Jyoti
108	Jayant N. Shukle	Jayant
109	Rohit Devsao Chaudhary	Rohit
110	Karan Pralhad Singanjude	Karan
111	Hrütik S. Hiwase	Hrütik
112	<del>Rohit</del> Bhavesh Shankar Galwankar	B Galwankar
113	Mayur Ramesh Bharti	Mayur
114	Kushal Sharad Hadke	Kushal
115	Amyan K. Motghure	Amyan
116	Amyan Thakur	Amyan
117	Vaibhav Wadhvi	Vaibhav
118	Deepak dhale	Deepak
119	Ashutosh chate	Ashutosh
120	rushi khandekar	Rushi
121	Piyush Karandharde	Piyush
122	AYUSH A KALAMKAR	Ayush
123	Karish C. Dhakate	Karish
124	Samiksha M. Chaudhary	Samiksha
125	Ayushi Sarkar	Ayushi
126	Gitika C. Ramteke	Gitika
127	Peachi S. Bhoyare	Peachi
128	Shriyali Dipak Pansare	Shriyali

Sr. No	Name of Student	Signature
129	Asmita C. Bandare	
130	Shruti. Khauke.	
131	Samiksha - Ramesh. Likhare	
132	APURVA M. MISAL	
133.	Avanti G. Bisane	
134.	Akansha R. Vitankar	
135.	Monika G. Kohad	
136.	Gayatri R. Rahangdale	
137	Janhavi Nitin Juare	
138	Janvi Hatwar	
139	Samiksha Kottawar	
140	Sakshi H. Dupare	
141	Nainisha - B. Dombte	
142.	AKANSHA H. CHIKTE	
143.	Kaunali.C. Sathawane	
146)	Dipshikha S. Sarangpure	
147)	Kashish A Parate	
148)	Janvi R. Dhomne	
149)	Siddhi M. Zade	
150)	Isha A. Tale	
151)	Payal. P. Mahajan	
152)	Rejali N. Sharmajate	

Sr. No	Name of Student	Signature
153	Atharva R. Hogue	<i>Atharva</i>
154	Tushar Dhanne	<i>Tushar</i>
155	Vaibhava Mashidkar	<i>(V)</i>
156	Mayur M. Marathe	<i>Mayur...</i>
157	Rishi R. Pondey	<i>Rishi</i>
158	Gaurabh G. Jai	<i>gji</i>
159	<del>Rohit</del> Rohit B. Pandel	<i>Rohit</i>
160	Vaibhav R. Narolange	<i>Vaibhav</i>
161	Sujal P. Meshram	<i>Sujal</i>
162	Sahil H. Jambhulkar	<i>Sahil</i>
163	Yash V. Atkari	<i>yashv</i>
164	NAVAN R. KHAPRE	<i>(N) Khapre</i>
165	ARYAN R. DEKATE	<i>Aryan</i>
166	BHUSHAN R. THAKARE	<i>Bhokare</i>
167	ARYAN P. SHIVHARE	<i>Aryan</i>
168	ARYAN R. WANKHADE	<i>(A) Wankhade</i>
169	VEDANT S. MOHITE	<i>V.S. Mohite</i>
170	Mayur D. Gawande	<i>Mayur</i>
171	Sarthak Hadke	<i>Sarthak</i>
172	Sumant Gawande	<i>Sumant</i>
173	Shashank Deshbhretar	<i>Shank</i>
174	Pratik Mohod	<i>Pratik Mohod</i>

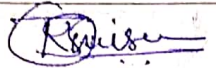
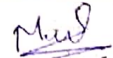
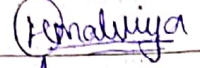
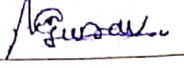
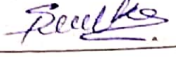


Sr. No	Name of Student	Signature
175	Pankaj Bavanekar	<u>Pankaj</u>
176	Pranay N. Gaurkward	<u>Pranay</u>
177	Richitva A. Dhokar	<u>R.A. Dhokar</u>
178	Dhiraj - D. Ingole	<u>Dhiraj</u>
179	prashant Jibhkate	<u>P</u>
180	Raj Ghuse	<u>Raj</u>
181	Vinit Kumbhar	<u>Vinit</u>
182	Rishi Tomar	<u>Rishi</u>
183	Zagshetty Patil	<u>Zagshetty</u>
184	Zahil Pangar	<u>Zahil</u>
185	PRAVIN PADOLE	<u>P. Padole</u>
186	Nayanit P. Bonane	<u>Nayanit</u>
187	Sumit. K. Waghmare	<u>Waghmare</u>
188	Bhushan D. Nagpure	<u>Bhushan</u>
189	Kartik V Gujarakar	<u>Gujarakar</u>
190	Om H. Dada	<u>Dada</u>
191	MAJUT. A. Shaikhande	<u>Majut</u>
192	Bhavesh S. Rajurkar	<u>Rajurkar</u>
193	PRAJWAL. VISHNU GOPHANE	<u>Prajwal</u>
194	Vaishnav Dilipada. Chavhan	<u>V.N. Chavhan</u>
195	Mohammad Aman.	<u>Aman</u>
196	Tejas Dilip Sonse	<u>Tejas</u>

Sr. No	Name of Student	Signature
197	Nayan A. matte	N.A. matte
198	Satyam S. Singanjude	Satyam
199	Gopul S. Wankhede	Gopul
200	Tushar S. Shinde	Tushar
201	Shaeyash D. Hawelikar	Shaeyash
202	Harshal P. Borkar	Harshal
203	Bhavanish B. Rajurkar	Bhavanish
204	Vishwas A. B. Santkar	Vishwas
205	Rushi Khedekar	Rushi
206	Deepak Dhale	Deepak
207	Varbhoo Wadhvi	Varbhoo
208	Ashutosh chute	Ashutosh
209	Vinut Adagale	Vinut
210	Piyush R. Chavde	Piyush
211	Tanmay G. Kale	Tanmay
212	Nishant R. Gadiwan	Nishant
213	Praviral R. Ramdham	P.R. Ramdham
214	Nikitesh A. mesham	Nikitesh
215	Sarthak N. Shelote	Sarthak
216	Harsh Bawane	Harsh
217	Aditya Sunode	Aditya
218	Vishwas Jemre	Vishwas

Sr. No	Name of Student	Signature
219	Aditya P. Mensam	
220	Nishant R. Vaidya	NRVaidya
221	Ritesh R. Murale	R. R. murale
222	Ganesh .V. Khobrayade	
223	Mohit .K. Lonar	
224	Rutul .M. Kumbhar	
225	Karan P. Singanpure	
226	Sumit P. Bisin	
227	Ayush Konde	
228	Asif Jomol Daudu	
229	Gokul P. Pachle	Gadale
230	Gaurav Vajude Aptekar	
231	Amit Hansraj Kumbhore	Amit:
232	Arjun K. Motghare	
233	Akshay Thakur	Athakur
234	Kushal Hadke	
235	Mayur Bhatti	
236	Bhavesh Gawwande	B-Gawwande
237	Tushar .N. Orangotari	
238	Spandan C. Chavan	Spz.C
239	Swaraj S Konekar	
240	Mimhaj .M. Ahmed	Mimhaj

Sr. No	Name of Student	Signature
241	Ketan B. Kurde	<u>Ketan</u>
242	Pranika Duhijode	<u>P. B. Duhijode</u>
243	Sejal Shelote	<u>Sejal</u>
244	Himanshu Raut	<u>H. R. Raut</u>
245	Monika Kohad	<u>Monika Kohad</u>
246	Rutuja Sanjay Nagdeve	<u>R. S. Nagdeve</u>
247	Sejal Pravin Deulakar	<u>Sejal</u>
248	Aparna Prathab Gurusu	<u>Aparna</u>
249	Mrunal Sunil Wankhede	<u>Mrunal</u>
250	Himanshu D. Malviya	<u>H. Malviya</u>
251	Rupali N. Shirogopate.	<u>Rupali</u>
252	Rhemlata O. Bisen	<u>Rhemlata</u>
253	Ku. Anushka Vilas Korde	<u>A. Korde</u>
254	Pragya S. Patle	<u>Pragya</u>
255	Jyotsna A. Jadhav	<u>Jyotsna Jadhav</u>
256	Prachi Dhule	<u>Prachi Dhule</u>
257	Khushiya Patle	<u>Khushiya Patle</u>
258	Payal P. Mahajan	<u>Payal P. Mahajan</u>
259	Isha Tale	<u>Isha Tale</u>
260	Siddhi Zade	<u>Siddhi Zade</u>
261	Jamni Dhonni	<u>Jamni Dhonni</u>
262	Kashish Parate	<u>Kashish Parate</u>

Sr. No	Name of Student	Signature
148]	Rhemlata O Bisen	
149]	Mrunal Sunil Wankhede	
149]	Himandri D Malviya	
150]	Apurva P. Gurusav	
151]	Sejal P. Deulakar	



**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.


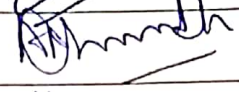
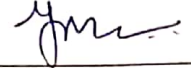
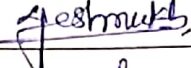

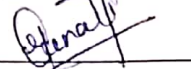
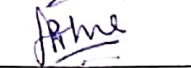
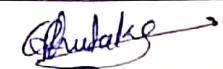
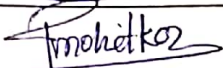
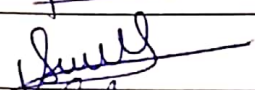

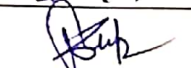
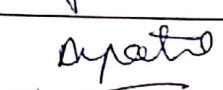
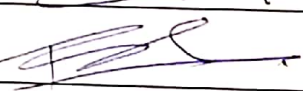
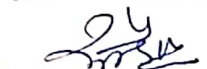
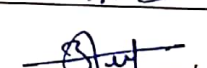
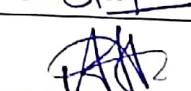
**Priyadarshini Bhagwati College of Engineering, Nagpur**  
**Session 2022-23**

**One Day workshop on "Intellectual Property Rights (IPR) and Patents, Design Filing"**

Name of Resource person : **Dr. Bharat N. Suryawanshi,**  
Asst. Controller of Patents & Design, RGNIPM, Govt. Of India,  
DPIIT, Ministry of Commerce & Industry

Attendance Sheet

Date: 15/12/2022

Sr. No	Name of Faculty	Signature
1)	Dr. N.K. Choudhari	
2)	Dr. A.R. Choudhari	
3)	Ms. U.V. Gaikwad	
4)	MS. J. Y. Deshmukh	
5)	Ms. A.M. Soete	
6)	Miss. M. B. Bawankar	
7)	Dr. R.V. Harane	
8)	Ms. Ranu. P. Ghutake	
9)	Mr. Pooja R. Mohitkar	
10)	Dr. S. G. Revankar	
11)	Ms. N.R. Bamode	
12)	Dr. (Mrs.) S. R. Suple	
13)	Mrs. A. N. Patil	
14)	Dr. T.R. Patil	
15)	Dr. Shailendra P. Daf	
16)	Dr. Akshay D. Anjekar	
17)	Animesh Haldar	



Priyadarshini Bhagwati College of Engineering, Nagpur  
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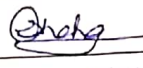
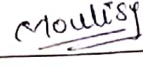
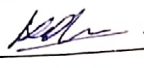
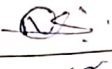
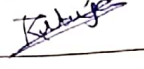
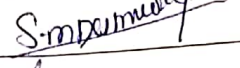
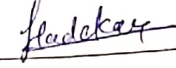


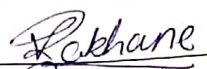
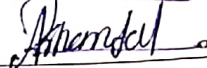
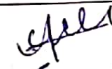
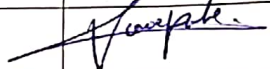
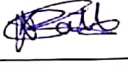
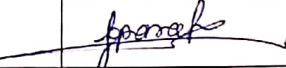
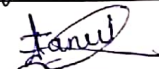
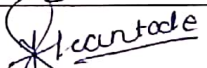
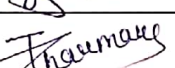
Attendance Sheet

Date: 15/12/2022

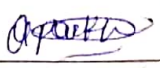
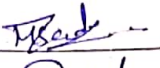
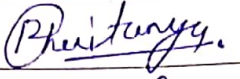
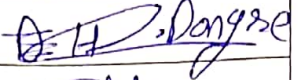


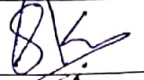
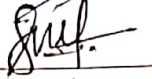
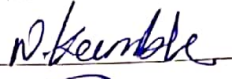
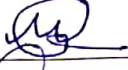
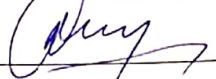
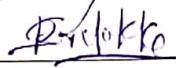
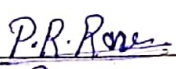
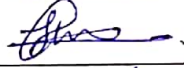
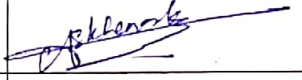
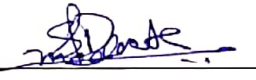
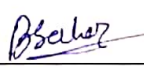

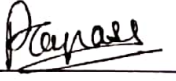
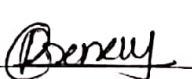
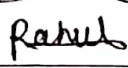
Sr. No	Name of Student	Signature
1.	Bhagyashvi W. Watawar	Watawar
2.	Kumkum Jambekar	Jambekar
3.	Anishka Mungale	Mungale
4.	Abhruvi Gajbhaye	Gajbhaye
5.	Priya Nahale	Nahale
6.	Khushi Khole	Khole
7.	Namrata Shivastkar	Shivastkar
8.	Sneha More	More
9.	Azita Zalke	Zalke
10.	Muskan Riyaz Sheikh	Sheikh
11.	Khushi Fandey	Fandey
12.	Sayali Bhalchandra Chikhale	Chikhale
13.	Jayshree Punesh Thakre	Thakre
14.	Kajal Jain	Jain
15.	Dinal Jitendra wani	wani
16.	Sanskriti D. Kausale	Kausale
17.	Saniya .V. Pawankar	S.V.Pawankar



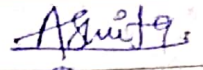
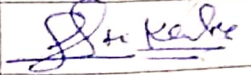
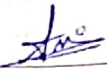
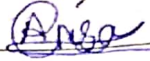
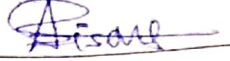
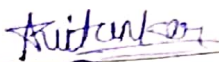
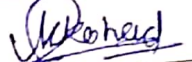
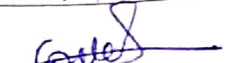
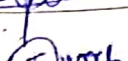
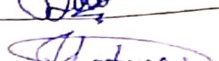
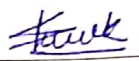

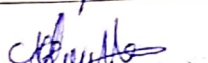

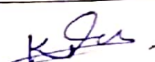

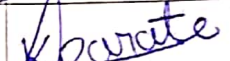
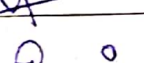
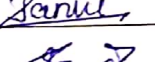
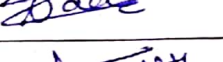
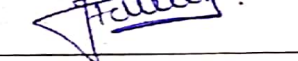
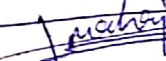
Sr. No	Name of Student	Signature
18.	Aaditi P. Mahabudhe.	<del>A Mahabudhe</del>
19	Bhavana A. Mahure	<del>B Mahure</del>
20.	Chirastani Chakma	chirastani
21	Pealiksha Jumble	<del>P Jumble</del>
22.	Sushiti A. Bakhare	<del>S Bakhare</del>
23.	Ritika M. Bhojare	<del>R Bhojare</del>
24]	Vishali P Kumbhure	V.P. Kumbhure
25]	Ketakee R. Shende	K. Shende
26]	Zeenat S. Sheikh	<del>Z Sheikh</del>
27]	Arijumand Mahale. Shabbir. Sheikh	<del>A Sheikh</del>
28]	Aarti C. Bhojare	Aarti
29]	Janhavi Sham Dongre	<del>J Dongre</del>
30]	Almama I. Sheikh	<del>A Sheikh</del>
31]	Ruchika M. Rahad	<del>R Rahad</del>
32]	Priyanka A. Devhare.	<del>P Devhare</del>
33]	Payal . Y . Bais	<del>P Bais</del>
34]	Poorna C. Bind	<del>P Bind</del>
35]	Shruti . V . Jais	Shruti Jais
36]	Juhi . M . Jais	Juhi Jais
37]	Bhoomika S. Jais	Bhoomika Jais
38]	Renuka Vijay gate	<del>R gate</del>
39]	Aachal shaitesh Komble	A-S. Komble

Sr. No	Name of Student	Signature
40]	Sneha. S. Bhotmange.	
41]	Mouli S Yerpude	
42]	Lay K dhagale	
43]	Nandini R. kshirsagar	
44]	Rutuja Meshram	
45]	Ku. Shravani Madhakar Deshmukh	
46]	Ku. Shravani Yashvant Lodekar	
47]	Kanak Akre	
48]	Gujar Ghogre	
49]	Vaibhavi P. Bakhare	
50]	Achhal P. Khondal	
51]	Trypti K. Kulkade	T.K. Kulkade
52]	Shubhangi P. Dherge.	S. Dherge.
53.	Achal Lakhe	
54.	KOMAL POTE	
55.	Janvi Patle	
56.	Sumedha Zodape	S. Zodape
57	Jyoti Vasantrao Patil	
58.	Janvi Dangre	
59.	Yamini Kartode	
60.	Trypti. Dharmare	
61	Kanchan Khonde	K. R. Khonde

Sr. No	Name of Student	Signature
62.	Teena. V. Kumbhake	Teena
63.	Aayushi R. Kamble	Aayushi Kamble
64.	Samradny Kubde	Samradny
65.	Simran Dahake	Simran
66	Twinkle Hanwate	Twinkle
67	Achal Kolse	Achal
68	Samiksha Nimalkar	Samiksha
69	Anam Khan	Anam
70	Komal Takande	Komal
71	Astha Kapoor	Astha
72	Aarisa Jaspal Awaze	Aarisa
73	Arjun Omprakash Pali	Arjun
74	Rupak S. Tyde	Rupak
75	Pearav Khaekar	Pearav
76.	Sujal S. Wankhede	Sujal
77.	Deepak. P. Tele	Deepak
78	Nikhil N. Bhiogade	Nikhil
79]	Harsh P. Zende	Harsh
80]	Arpan. N. Pandey	Arpan
81]	Gaurav P. Navarkhede	Gaurav
82]	Sujal U. Ray	Sujal Ray
83]	Pranay P. Meshram	Pranay

Sr. No	Name of Student	Signature
84]	Om Parthi	
85]	Aditya P. Bangare	A.P. Bangare
86]	Manthan S. Zade	
87]	Chaitanya Mohanjankar	
89]	Himanshu R. Dongre	
90]	Harshad Bhade	
91]	Rubel Pakalwar	
92]	Samad Khan	
[93]	Mr. Manish K. Meshram	
94]	Wageshwar Kailas Kumbale	
95]	Madhur P. Moray	
96]	Nayam V. Ukey	
97]	Pratik D. Sonpatke	
98]	Prathamesh R Rane	
99]	Samir G. Navlakhe	
100]	Aryan S. Khanolkar	
101]	Samay D. Modak	
102]	Bhojeshwar D. Sahare	
103]	Rugved M. Raspayke	
104]	Pravesh V. Tapase	
105]	Preraj R. Borikar	
106]	Rahul S. Paswan	

Sr. No	Name of Student	Signature
107	Jyoti P. Shelke	Jyoti
108	Jayant N. Shukle	Jayant
109	Rohit Devsao Chaudhary	Rohit
110	Karan Pralhad Singanjude	Karan
111	Hruti S. Hiwase	Hruti
112	<del>Rohit</del> Bhavesh Shankar Galwankar	B Galwankar
113	Mayur Ramesh Bharti	Mayur
114	Kushal Sharad Hadke	Kushal
115	Amyan K. Motghure	Amyan
116	Amyan Thakur	Amyan
117	Vaibhav Wadhvi	Vaibhav
118	Deepak dhale	Deepak
119	Ashutosh chate	Ashutosh
120	rushi khandekar	Rushi
121	Piyush Karde charde	Piyush
122	AYUSH A KALAMKAR	Ayush
123	Karish C Dhakate	Karish
124	Samiksha M. Chaudhary	Samiksha
125	Ayushi Sarkar	Ayushi
126	Gitika C. Ramteke	Gitika
127	Peachi S. Bhojale	Peachi
128	Shriyali Dipak Pansare	Shriyali

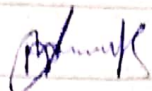
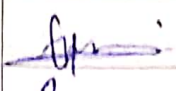
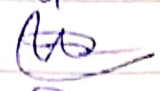
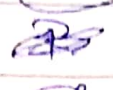
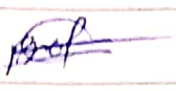
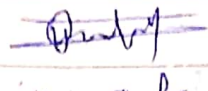
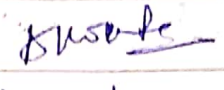
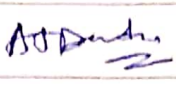
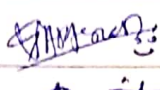
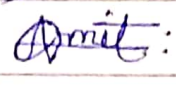

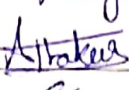
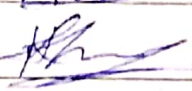
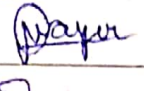
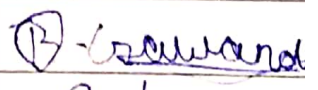
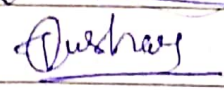
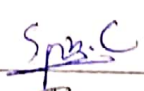
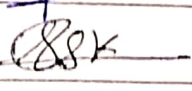
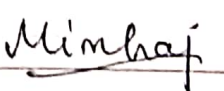
Sr. No	Name of Student	Signature
129	Asmita C. Bandare	
130	Shruti. Khauke.	
131	Samiksha - Ramesh. Likhare	
132	APURVA M. MISAL	
133.	Avanti G. Bisane	
134.	Akansha R. Vitankar	
135.	Monika G. Kohad	
136.	Gayatri R. Rahangdale	
137	Janhavi Nitin Juare	
138	Janvi Hatwar	
139	Samiksha Kottawar	
140	Sakshi H. Dupare	
141	Nainisha - B. Dombte	
142.	AKANSHA H. CHIKTE	
143.	Kaunali.C. Sathawane	
146)	Dipshikha S. Sarangpure	
147)	Kashish A Parate	
148)	Janvi R. Dhomne	
149)	Siddhi M. Zade	
150)	Isha A. Tale	
151)	Payal. P. Mahajan	
152)	Rejali N. Sharmajate	

Sr. No	Name of Student	Signature
153	Atharva R. Hogue	<i>Atharva</i>
154	Tushar Dhanne	<i>Tushar</i>
155	Vaibhava Mashidkar	<i>(V)</i>
156	Mayur M. Marathe	<i>Mayur...</i>
157	Rishi R. Pondey	<i>Rishi</i>
158	Gaurabh G. Jai	<i>gji</i>
159	<del>Rohit</del> Rohit B. Pandel	<i>Rohit</i>
160	Vaibhav R. Narolange	<i>Narolange</i>
161	Sujal P. Meshram	<i>Sujal</i>
162	Sahil H. Jambhulkar	<i>Sahil</i>
163	Yash V. Atkari	<i>yashv</i>
164	NAVAN R. KHAPRE	<i>(N) Khapre</i>
165	ARYAN R. DEKATE	<i>Aryan</i>
166	BHUSHAN R. THAKARE	<i>Bhokare</i>
167	ARYAN P. SHIVHARE	<i>Aryan</i>
168	ARYAN R. WANKHADE	<i>(A) Wankhade</i>
169	VEDANT S. MOHITE	<i>V.S. Mohite</i>
170	Mayur D. Gawande	<i>(M)</i>
171	Sarthak Hadke	<i>Sarthak</i>
172	Sumant Gawande	<i>Sumant</i>
173	Shashank Deshbhretar	<i>Shank</i>
174	Pratik Mohod	<i>Pratik Mohod</i>

Sr. No	Name of Student	Signature
175	Pankaj Bavanekar	<u>Pankaj</u>
176	Pranay N. Gaurkward	<u>Pranay</u>
177	Richitva A. Dhokar	<u>R.A. Dhokar</u>
178	Dhiraj - D. Ingole	<u>Dhiraj</u>
179	prashant Jibhkate	<u>P</u>
180	Raj Ghuse	<u>Raj</u>
181	Vinit Kumbhar	<u>Vinit</u>
182	Rishi Tomar	<u>Rishi</u>
183	Zagshetty Ratik	<u>Ratik</u>
184	Zahil Pangar	<u>Zahil</u>
185	PRAVIN PADOLE	<u>P. Padole</u>
186	Nayanit P Bonane	<u>Nayanit</u>
187	Sumit. K. Waghmare	<u>Waghmare</u>
188	Bhushan D. Nagpure	<u>Bhushan</u>
189	Kartik V Gujarakar	<u>Gujarakar</u>
190	Om N. Dada	<u>Dada</u>
191	MAJUT. A. Shaikhande	<u>Majut</u>
192	Bhavesh S. Rajurkar	<u>Rajurkar</u>
193	PRAJWAL. VISHNU GOPHANE	<u>Prajwal</u>
194	Vaishnav Dilipada. Chavhan	<u>V.N. Chavhan</u>
195	Mohammad Aman.	<u>Aman</u>
196	Tejas Dilip Sonse	<u>Tejas</u>



Sr. No	Name of Student	Signature
197	Nayan A. matte	N.A. matte
198	Satyam S. Singanjude	Satyam
199	Gopul S. Wankhede	Gopul
200	Tushar S. Shinde	Tushar
201	Shaeyash D. Hawelikar	Shaeyash
202	Harshal P. Borkar	Harshal
203	Bhavanish B. Rajurkar	Bhavanish
204	Vishwas A. B. Santkar	Vishwas
205	Rushi Khedekar	Rushi
206	Deepak Dhale	Deepak
207	Varbhoo Wadhvi	Varbhoo
208	Ashutosh chute	Ashutosh
209	Vinut Adagale	Vinut
210	Piyush R. Chavde	Piyush
211	Tanmay G. Kale	Tanmay
212	Nishant R. Gadiwan	Nishant
213	Praviral R. Ramdham	P.R. Ramdham
214	Nikitesh A. mesham	Nikitesh
215	Sarthak N. Shelote	Sarthak
216	Harsh Bawane	Harsh
217	Aditya Sunode	Aditya
218	Vishwas Jemre	Vishwas

Sr. No	Name of Student	Signature
219	Aditya P. Mensam	
220	Nishant R. Vaidya	NRVaidya
221	Ritesh R. Musale	R. R. Musale
222	Ganesh .V. Khobragade	
223	Mohit .K. Lonar	
224	Rutul .M. Kumbhar	
225	Karan P. Singanpure	
226	Sumit P. Bisin	
227	Ayush Konde	
228	Asif Jomol Daudu	
229	Gokul P. Pachle	Gopachle
230	Gaurav Vajude Aptekar	
231	Amit Hansraj Kumbhare	
232	Arjun K. Motghare	
233	Akshay Thakur	
234	Kushal Hadke	
235	Mayur Bhatti	
236	Bhavesh Gawwande	
237	Tushar .N. Orangotari	
238	Spandan C. Chavan	
239	Swaraj S. Konekar	
240	Mimhaj .M. Ahmed	

Sr. No	Name of Student	Signature
241	Ketan B. Kurde	<u>Ketan</u>
242	Pranika Duhijode	<u>P. Duhijode</u>
243	Sejal Shelote	<u>Sejal</u>
244	Himanshu Raut	<u>H. R. Raut</u>
245	Monika Kohad	<u>Monika Kohad</u>
246	Rutuja Sanjay Nagdeve	<u>R. S. Nagdeve</u>
247	Sejal Pravin Deulakar	<u>Sejal</u>
248	Aparna Prathab Gurusu	<u>Aparna</u>
249	Mrunal Sunil Wankhede	<u>Mrunal</u>
250	Himanshu D. Malviya	<u>H. Malviya</u>
251	Rupali N. Shirogopate.	<u>Rupali</u>
252	Rhemlata O. Bisen	<u>Rhemlata</u>
253	Ku. Anushka Vilas Korde	<u>A. Korde</u>
254	Pragya S. Patle	<u>Pragya</u>
255	Jyotsna A. Jadhav	<u>Jyotsna Jadhav</u>
256	Prachi Dhule	<u>Prachi Dhule</u>
257	Khushiya Patle	<u>Khushiya Patle</u>
258	Payal P. Mahajan	<u>Payal P. Mahajan</u>
259	Isha Tale	<u>Isha Tale</u>
260	Siddhi Zade	<u>Siddhi Zade</u>
261	Jamni Dhonni	<u>Jamni Dhonni</u>
262	Kashish Parate	<u>Kashish Parate</u>





Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

## CERTIFICATE OF APPRECIATION

*Presented to*


**PRIYADARSHINI BHAGWATI COLLEGE OF  
ENGINEERING NAGPUR**

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **December 15, 2022** in association with **RGNIIPM, Nagpur** by providing your valuable time and support is highly appreciated.*

*Solicit your continued support for outreach of IPR far and wide.*



**Date: December 26,  
2022**

  
(Prof. (Dr) Unnat P. Pandit)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS



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Chief Managing Editor

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LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

(NAAC ACCREDITED)

Harpur Nagar, Umred Road, Nagpur - 440 024 (India) Tel. : +91-712-270281, 2710282, Fax : + 91-712-2710283

E-mail : principalpbcoe@gmail.com Website : www.pbcoe.edu.in, www.bcce.ltjss.net



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Priyadarshini Bhagwati College of Engineering,  
Nagpur  
AND  
Mesh Metrix Solutions, Nagpur**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23<sup>rd</sup> day of September 2021 by and between.

**Priyadarshini Bhagwati College of Engineering, Nagpur**, the First Party represented herein by its Principal / Director / Head of Institution **Priyadarshini Bhagwati College of Engineering, Nagpur**, And **Mesh Metrix Solutions, Nagpur**. The Second party, and represented herein by its Centre Head / Director / Managing Director **Mr. Prashik Nagdeve Designation - Founder**

WHEREAS:

**A) First Party is a Higher Educational Institution named: Priyadarshini Bhagwati College of Engineering, Nagpur.**

**B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.**

**C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.**

**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA**

Lokmanya Tilak Bhavan, Laxmi Nagar, Nagpur - 440 022. Maharashtra, INDIA. Tel : +91-712-2230665, 2245121. Fax No. : + 91-712 2221430. Website : www.ltjss.net





D) **Mesh Metrix Solutions**, - the Second Party is engaged in **CAE Software Training**.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

### **CLAUSE 1 : CO-OPERATION**

1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.

1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.

1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

### **CLAUSE 2 : SCOPE OF THE MoU**

2.1 :CAE Software Training- Second Party will help First Party to Arrange Webinar, Seminar or Workshop on CAE Software. . This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement & Internship of students: second party will actively engage to help the delivery of the training and Internship of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Priyadarshini Bhagwati College of Engineering, Nagpur**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

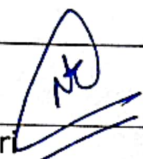
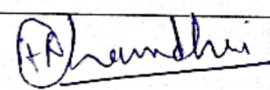
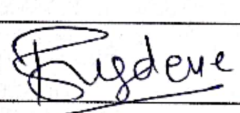

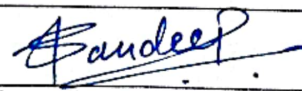
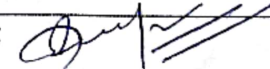
### **CLAUSE 3 : VALIDITY**

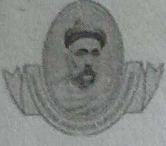
3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

## CLAUSE 4 : RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

By signing below, the parties acting by their duly authorized officers, have caused this MoU to be executed.

On Behalf of Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umrer Road, Nagpur- 440024	On Behalf of Mesh Metrix Solutions, Nagpur
By 	By
Dr. N. K. Choudhari <b>Principal</b>	Mr.Prashik Nagdeve
Principal, PBCOE, Nagpur Priyadarshini Bhagwati College of Engg. Umred Road, Nagpur.	Founder, Mesh Metrix Solutions, Nagpur
	
Prof. Dr.(Mrs.) A. R. Chaudhari	
Dean, Academics, PBCOE, Nagpur <b>Dean Academics</b> Priyadarshini Bhagwati College of Engineering, Nagpur.	
By	
Dr. P. M. Patkar 	
<b>Co-ordinator</b> TPO, PBCOE, Nagpur Training and Placement Cell Priyadarshini Bhagwati College of Engg. Umred Road, Nagpur.	
Witness: 	Witness: 
1. Mr. S. M. Pimpalgaonkar <b>Head</b>	1.Mr. Rahul D. Dongre
HOD, Mechanical Department, PBCOE, Priyadarshini Bhagwati College of Engg. Nagpur Umred Road, Nagpur.	Director Sales & BD, Mesh Metrix Solutions, Nagpur



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and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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**Department of Mechanical Engineering**

PBCOE/ME/2021-22/08

Date:- 17/01/2022

**NOTICE**

All the students of mechanical are hereby informed that Mechanical Department has organized Seminar on “**Carrier Opportunity in SAE-Software**” by Mr. Rahul Dongre, Director Sale & BD Mesh Matrix Solution, Nagpur. The session will be conducted on **19<sup>th</sup> January 2022** during 2:00 pm to 3:30 pm in the Seminar Hall (Fourth Floor). Students from mechanical are encouraged to take benefit of this seminar.

**Mr. S. M. Pimpalgaonkar**  
**H.O.D (Mech)**

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation



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**Department of Mechanical Engineering**  
**Academic session 2021-22**


**Seminar Report on "Carrier Opportunity in SAE-Software"**

1. Event Title : Seminar on "Carrier Opportunity in SAE-Software"
2. Event Date and time : 19<sup>th</sup> January 2022 at 2:00 pm to 3:30 pm
3. Event venue : Seminar Hall (Fourth Floor)
4. Event resource person : Mr. Rahul Dongre, Director Sale & BD Mesh Matrix Solution.
5. Name of Event Coordinator : Mr. S.P.Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 96
7. Objective : To provide attendees with insights into the diverse and rewarding career paths available within the field of Software Engineering in the context of the Society of Automotive Engineers. The seminar aims to highlight the unique blend of software development and automotive technology, shedding light on the exciting prospects for professionals in this niche.
8. Outcome : The seminar aims to open participants' eyes to the exciting career prospects at the crossroads of software engineering and automotive technology. Students will be equipped with the knowledge and insights needed to embark on a successful journey within the SAE-Software domain, making meaningful contributions to the future of transportation and mobility.



  
Mr. S. P. Daf  
Event Incharge

  
Mr. S. M. Pimpalgaonkar  
Head  
H.O.D. (Mech. Engg.)  
Priyadarshini Bhagwati College of Engg,  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of E  
Umred Road, Nagpur



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**Department of Mechanical Engineering**  
Academic session 2021-22

**Attendance Sheet**

Name of Event: Seminar on "Carrier Opportunity in SAE-Software"

Date of Event: 19<sup>th</sup> January 2022

Sr. No.	Name of Students	Sem	Signature
1	KARISHMA TULSHIDAS DESHPANDE	VIII- Sem	Karishma.
2	MONIKA KAVADUJI SAKHARKAR	VIII- Sem	Monika
3	PRACHI ASHOK HEDAOO	VIII- Sem	Prachi
4	RAJANDA RAJESH GAJBHIYE	VIII- Sem	Rajanda
5	ABHISHEK VILAS KEWATE	VIII- Sem	Abhishek
6	AFTAB AHMAD SHEIKH	VIII- Sem	Aftab
7	AKASH ASHOK CHAKOLE	VIII- Sem	Akash
8	AKSHAY DILIPSINGH CHAVAN	VIII- Sem	Akshay
9	AKSHAY HARIBHAU BAGDE	VIII- Sem	Akshay
10	AKSHAY RAJU KUMBHARE	VIII- Sem	Akshay
11	AMAN GENDLAL PARATE	VIII- Sem	Aman
12	AMAN RAVINDRA MESHAM	VIII- Sem	Aman
13	AMEY ANIL PUNJE	VIII- Sem	Amev
14	ANIKET SUHAS WANKHADE	VIII- Sem	Aniket
15	AVINASH PURUSHOTTAM DHAKATE	VIII- Sem	Avinash
16	AYUSH OMPRAKASH PURI	VIII- Sem	Ayush
17	CHAITANYA CHANDRAKANT MUNJE	VIII- Sem	Chaitanya
18	CHINTESH DASHRATHBHAI PATEL	VIII- Sem	Chintesh
19	CHIRAYU ASHOK BALPANDE	VIII- Sem	Chirayu
20	GAURAV BHOJRAJ LOHAKARE	VIII- Sem	Gaurav
21	GAURAV MANOJ PARATE	VIII- Sem	Gaurav
22	HARSH RAMKRUSHNA KHANDALE	VIII- Sem	Harsh
23	HITESH DNYANESHWAR GUHE	VIII- Sem	Hitesh
24	KUNAL MOTIRAM CHOUDHARY	VIII- Sem	Kunal
25	KUNAL SUDHIR KAHALKAR	VIII- Sem	Kunal
26	KUNAL VILAS KAMDI	VIII- Sem	Kunal
27	NASIRALI MOSARFHUSSAIN ANSARI	VIII- Sem	Nasirali
28	NIHAL VINOD KUKDE	VIII- Sem	Nihal
29	NIKHIL GIRDHARILAL BOPCHE	VIII- Sem	Nikhil
30	NIKHIL NASIK KHOBRAGADE	VIII- Sem	Nikhil

**Head**  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



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**Department of Mechanical Engineering**  
**Academic session 2021-22**

**Attendance Sheet**

Name of Event: Seminar on "Carrier Opportunity in SAE-Software"

Date of Event: 19<sup>th</sup> January 2022

Sr. No.	Name of Students	Sem	Signature
31	NIKHIL PRAKASHRAO BHASME	VIII- Sem	
32	NILESH DULESHWAR BARAI	VIII- Sem	
33	NITESH GANESH MESHRAM	VIII- Sem	
34	PIYUSH GOVARDHAN MOKHARE	VIII- Sem	
35	PRACHETA MAHESH LANDGE	VIII- Sem	
36	PRAJWAL PRAMOD BOMBLE	VIII- Sem	
37	PRAJWAL WANKHEDE	VIII- Sem	
38	PRANAY SURESH MOON	VIII- Sem	
39	RAJAN DILIP JAGTAP	VIII- Sem	
40	RISHABH SHANKAR DESHPANDE	VIII- Sem	
41	RITESH BABANRAO JAVARIKAR	VIII- Sem	
42	ROSHAN RAMESHWAR KOHAD	VIII- Sem	
43	SAMYAK DHARAMPAL WASNIK	VIII- Sem	
44	SANDIP DUMESHWAR PARDHI	VIII- Sem	
45	SATYAM KESHAV GONDEKAR	VIII- Sem	
46	SAURABH ANANTA SADAWARTI	VIII- Sem	
47	SHASHANK HIRALAL NANDESWAR	VIII- Sem	
48	SHASHANK NARAYAN KAPSE	VIII- Sem	
49	SHUBHAM ANIL IRMALWAR	VIII- Sem	
50	SHUBHAM SHRIKRUSHNA FENDAR	VIII- Sem	
51	SIDDHARTH ASHOK WANKHEDE	VIII- Sem	
52	SMIT SHANKAR RAHANGDALE	VIII- Sem	
53	SOUMY CHANDRASHEKHAR MISHRA	VIII- Sem	
54	SOUMYA HEMANT GUDADHE	VIII- Sem	
55	SURAJ CHINTAMAN UMBARKAR	VIII- Sem	
56	TANMAY AVINASH KARMORE	VIII- Sem	
57	TEJAS CHANDRASEN PADIA	VIII- Sem	
58	TUSHAR UMESH TEMBHARE	VIII- Sem	
59	UPENDRA RAMESH TIDKE	VIII- Sem	
60	VISHAL DILIP GOLGHATE	VIII- Sem	

Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



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**Department of Mechanical Engineering**  
Academic session 2021-22

**Attendance Sheet**

Name of Event: Seminar on "Carrier Opportunity in SAE-Software"

Date of Event: 19<sup>th</sup> January 2022

Sr. No.	Name of Students	Sem	Signature
61	VISHAL RADHESHYAM PARDHI	VIII- Sem	Vishal
62	VISHAL TARACHAND FULZELE	VIII- Sem	V.F.
63	YASH RAMESH BORKAR	VIII- Sem	Yash R. Borkar
64	YOGESH RAMKRUSHAN GHUGUSKAR	VIII- Sem	Yogesh
65	ABHISHEK A. CHAURE	VI Sem	Abhishek
66	ABHISHEK D. MASRAM	VI Sem	Abhishek D. Masram
67	ABHISHEK N. KAMBALKAR	VI Sem	Abhishek N.
68	AKHILESH N. DHANWIJ	VI Sem	Akhilesh N. Dhanwij
69	ANAY D. SATIBAWANE	VI Sem	Anay S.
70	ANIKET B. BADWAIK	VI Sem	Aniket Badwaik
71	ANIMESH A. MESHRAM	VI Sem	Animesh M.
72	ARPIT S. NANDANWAR	VI Sem	Arpit Nandanwar
73	AYUSH A. SAKHARE	VI Sem	Ayush A. Sakhare
74	BHAVESH R. KADWE	VI Sem	Bhavesh R. Kadwe
75	BHAVESH U. RATHOD	VI Sem	Bhavesh Rathod
76	BHAVESH V. PARWE	VI Sem	B. Parwe
77	DATTA C. PAYTODE	VI Sem	Datta Paytode
78	GAURAV A. BANSOD	VI Sem	G. Bansod
79	GAURAV M. BHOYAR	VI Sem	Gaurav Bhojar
80	GAURAV Y. CHHENIYA	VI Sem	Gaurav
81	HARSH A. MESHRAM	VI Sem	Harsh M.
82	HARSHAL N. CHAVHAN	VI Sem	Harshal
83	HEMANT R. SURYAWANSHI	VI Sem	Hemant Suryawanshi
84	HIMANSHU P. AMBULE	VI Sem	Himanshu Ambule
85	HIMANSHU R. JUMDE	VI Sem	Jumde
86	KUNAL D. THAWARE	VI Sem	Kunal Thaware
87	MAYUR G. WAGH	VI Sem	Mayur Wagh
88	NIHAL P. PISE	VI Sem	Nihal Pise
89	ABHISHEK A. CHAURE	VI Sem	Abhishek
90	ABHISHEK D. MASRAM	VI Sem	Abhishek
91	PAPPU M. WAGHMARE	VI Sem	Pappu
92	PAVAN D. TIDKE	VI Sem	Pavan Tidke
93	PRAJWAL A. LADEKAR	VI Sem	Prajwal
94	PRAKASH V. NAIDU	VI Sem	Prakash

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



## Department of Mechanical Engineering

Academic session 2021-22

### Attendance Sheet

Name of Event: Seminar on "Carrier Opportunity in SAE-Software"

Date of Event: 19<sup>th</sup> January 2022

Sr. No.	Name of Students	Sem	Signature
95	PRAMOD K. GADPAYLE	VI Sem	P. Gadpayle
96	PRANAY R. MOON	VI Sem	Pranay
97	RUBEL R. PAKALWAR	VI Sem	Rubel Pakalwar
98	SACHIN S. BORKAR	VI Sem	Sachin Borkar
99	SAGAR D. DHOBAL	VI Sem	Sagar Dhole
100	SAGAR K. THAKRE	VI Sem	S. Thakre
1	SAGARSINGH N. CHANDEL	VI Sem	Sagar Chandel
102	SAMEER V. KADWE	VI Sem	S. Kadwe
103	SANKET E. NIMJE	VI Sem	S. Nimje
104	SANKET S. GOMASE	VI Sem	S. Gomase
105	SAURABH P. LEPSE	VI Sem	S. Lepse
106	SHUBHAM S. BAWANKULE	VI Sem	Shubham Bawankule
107	SHUBHAM S. GOLANGE	VI Sem	Shubham Golange
108	SNEHIL S. DHANORKAR	VI Sem	S. Dhanorkar
109	SWAPNIL S. MESHARAM	VI Sem	S. Mesharam
110	TANMAY M. PANDE	VI Sem	Tanmay Pande
111	VEDANT P. CHORE	VI Sem	V. Chore
112	VRUSHABH N. MOHURLE	VI Sem	V. Mohurle
113	YOGESH S. KUKDE	VI Sem	Yogesh Kukde

  
Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



MEMORANDUM OF UNDERSTANDING BETWEEN  
GREAT LAKES E-LEARNING SERVICES PVT. LTD  
AND  
Priyadarshini Bhagwati College of Engineering

THIS MEMORANDUM OF UNDERSTANDING (the "Agreement") is made this 29<sup>th</sup> day of July, 2020 by and between GREAT LAKES E-LEARNING SERVICES PVT. LTD, a company incorporated in India and having its corporate office at 2nd Floor, Orchid Centre, Sec-53, Golf course road, Gurgaon, India 122002 (hereafter referred to as "GREAT LEARNING") and Priyadarshini Bhagwati College of Engineering, an educational institute set up in India and having its registered office at Harpur Nagar, Umrer Road, Nagpur-440024, Maharashtra (hereinafter referred to as "INSTITUTE").

PURPOSE

That Great Learning intends to assist universities and colleges deliver high quality and impactful online and blended learning by the use of its proprietary end to end cloud based solution, Olympus Digital Campus (hereinafter "Platform") and create a seamless student, faculty and Administration (hereinafter "User") experience that ensures excellent learning outcomes.

That the Institute intends to utilise this Platform for setting up its online and blended learning operations for students and faculty.

NOW, THEREFORE, In consideration of the premises and of the mutual covenants and conditions set forth in this Agreement, Great Learning and Institute (individually, the "Party" and collectively, the "Parties") agree as follows:

I. OBLIGATIONS:

A. Great Learning will

- Provide role based access to the Platform based on the Institute's requirements and the subscribed version
- Provide the required assistance to the Institute in setting up its operations on the Platform
- Conduct trainings for the Users for on-boarding them on the Platform
- Provide the required support in the day to day operations on the Platform

B. Institute will:

- Provide the necessary details as requested by Great Learning for on-boarding the Users on the Platform
- Ensure that the Platform is used only for the purpose stipulated above
- Grant Great Learning a non-exclusive, non-transferable, and non-sublicensable license to use the Institute's trademarks solely in connection with marketing, promotion and sale of its Platform.

II. TERM AND TERMINATION

This Agreement will be effective on the day of its signing by both Parties. It will be valid for a period of 6 months. The parties may change or modify the Term of this Agreement only by written amendment signed by the parties.

This Agreement may be terminated with or without cause by providing written notice to the other party at least thirty (30) days prior to the effective date of termination

### III. CONFIDENTIALITY AND INTELLECTUAL PROPERTY

The Parties shall abide by the Privacy Policy and Terms of use specified on the Great Learning website and the Platform, which may be amended from time to time.

The Parties agree that it shall not acquire any ownership interest in any patents, trademarks, copyrights, domain names, works of authorship, trade secrets, or any other intellectual property (collectively, "Intellectual Property") or confidential information owned by or licensed to the other Party under this Agreement.

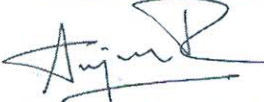
### IV. ASSIGNABILITY

The respective rights and obligations of the Parties under this Agreement shall not be assignable.

### V. MODIFICATION

This Agreement constitutes the entire understanding of the Parties with respect to the Relationship and may be modified only by a written agreement signed by each Party.

The undersigned have signed this Agreement on the dates respectively indicated below.



Authorized Signing Authority:

GREAT LEARNING

A

Name: Arti Nair

Title: Program Manager AIML

Priyadarshini Bhagwati College of Engineering

Principal

Priyadarshini Bhagwati College of Engg.  
Name: Dared Road N.K. Choudhary

Title: Principal

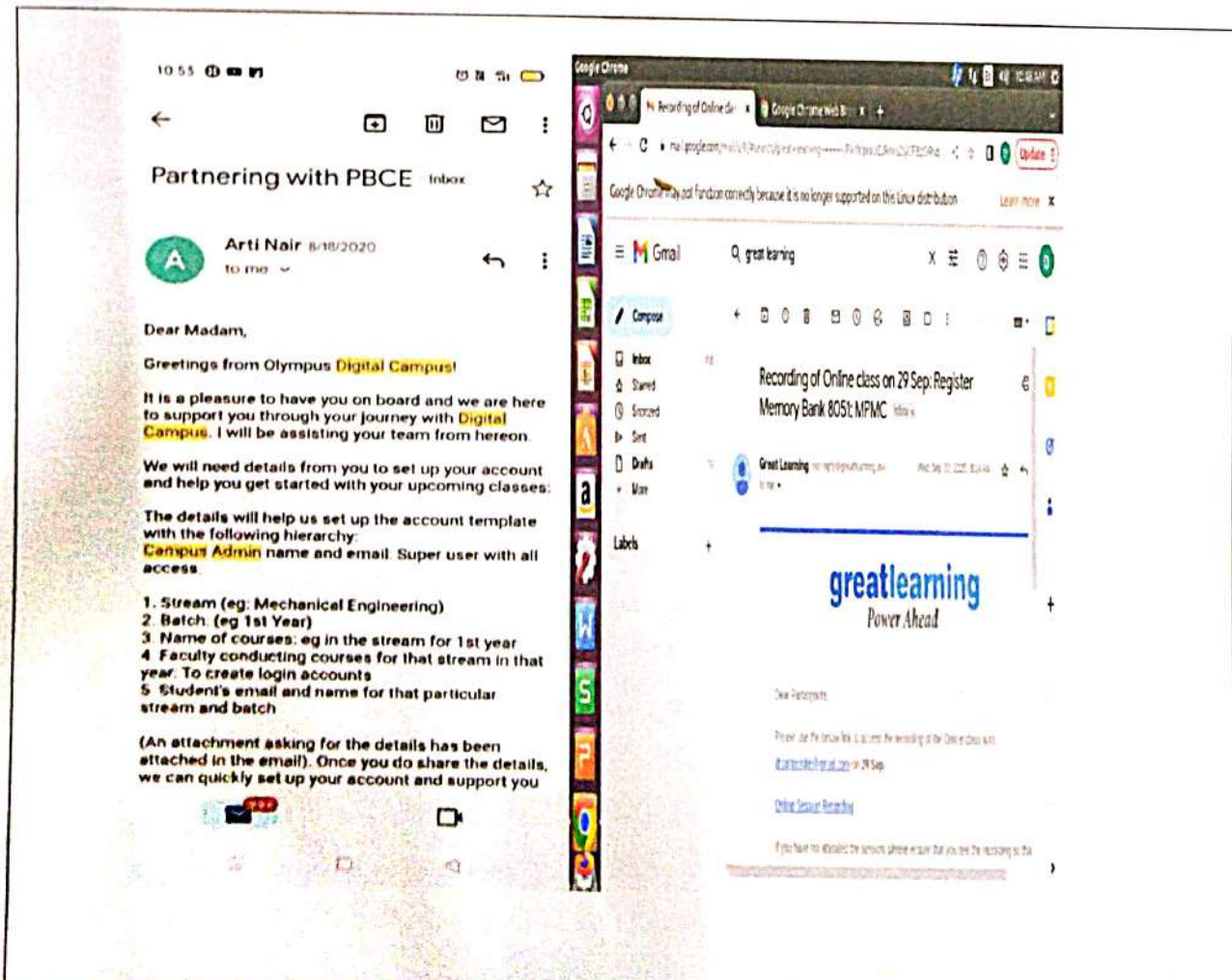


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**Academic session 2020-21**

**Report of Olympus Digital Campus**

1. Event Title : Olympus Digital Campus
  2. Event Date : Session 2020-21
  3. Event conduction duration : 6 Months
  4. Event venue : Online Digital Campus
  5. Sem/Branch : CSE,IT,EC,MECH,CV,FY
  6. Event resource person : Subject Teacher
  7. Name of Event Coordinator : Dr.S.B.Dhoble
8. Objective : Teaching Online Effectively with Olympus Digital Campus course/program and provide online training/videos/study materials to enhance students knowledge.
- 9.Outcome : Successful participation of Students at Olympus Digital Campus for attending lectures, accessing learning material, working on group projects, and clearing their doubts.



10:55



Fwd: Congratulations, Java Programming-BEIT505T - Super key word in Batch 2020 - Semester 5 was an exceptional session!

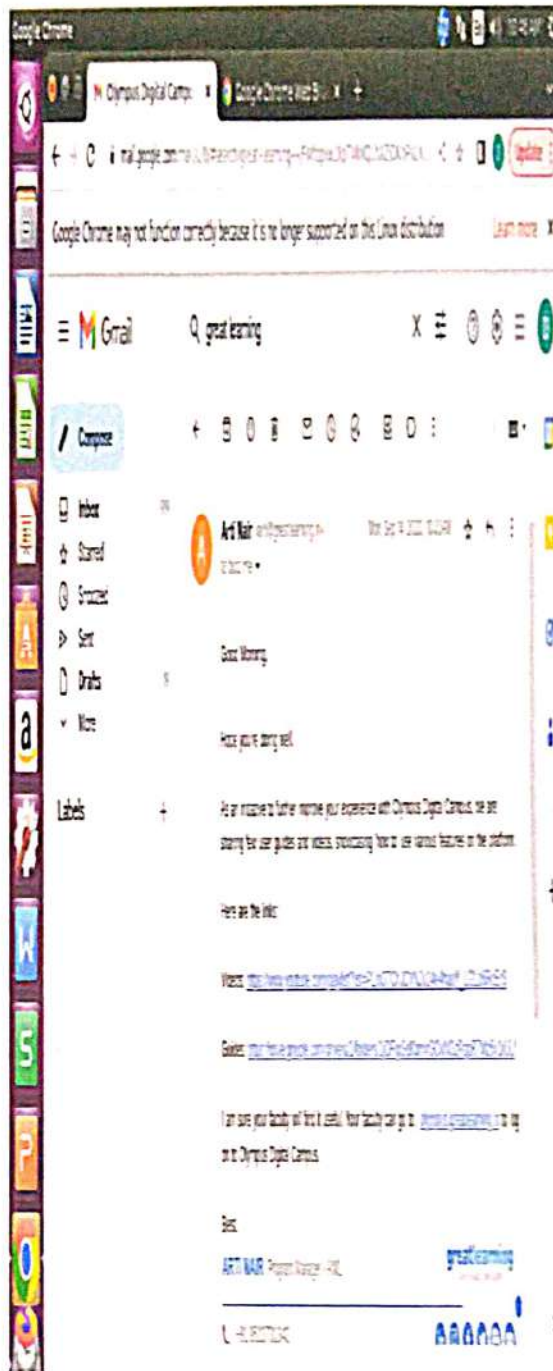


yasmeen umar 9/16/2020 to me

Forwarded message

From: Great Learning <gurus@greatlearning.in>  
Date: Mon, Sep 14, 2020 at 10:01 AM  
Subject: Congratulations, Java Programming-BEIT505T - Super key word in Batch 2020 - Semester 5 was an exceptional session!  
To: <yasmeenmdumar@gmail.com>  
Cc: <yasmeenmdumar@gmail.com>

greatlearning  
Power Ahead



Dr.S.B.Dhoble  
Campus Admin

Dr. Mrs A R Chaudhari  
IQAC Coordinator  
IQAC Coordinator  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Dr. N. K.Choudhari  
Principal  
Principal

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

# PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING

(NAAC ACCREDITED)

Harpur Nagar, Umred Road, Nagpur - 440 024 (India) Tel. : +91-712-270281, 2710282, Fax : +91-712-2710283

E-mail : principalpbcoe@gmail.com Website : www.pbcoe.edu.in, www.bcce.ltjss.net



**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
**TRAINING AND PLACEMENT CELL**  
**AND**  
**KasNet Technologies Pvt Ltd., Pune**

**Effective Date: 25<sup>th</sup> Sept. 2020**

**Expiration Date: 24<sup>th</sup> Sept. 2023**

THIS MEMORANDUM OF UNDERSTANDING is made and entered into on this **Day 25<sup>th</sup> July 2020** between

**Party 1 : Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umred Road, Nagpur- 440024**

**Party 2: KasNet Technologies Pvt Ltd.** a company registered in USA and India , having it' s Registered office at Narhe Industrial Estate , Narhe , Pune -411041.

Where, **Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umred Road, Nagpur** is in the business of Academic Institute

Whereas , KasNet is a US base leading information Technology Company having its offshore development center in india.

Whereas, both the Parties wish to work together to promote mutual business interest and this MOU ets forth the terms of their understanding.

**Objective:** The purpose of this MOU is to develop and extend a framework of cooperation and joint operations which will be henceforth called "MOU" between **Priyadarshini Bhagwati College of Engineering , Nagpur and KasNet Technologies Pvt Ltd., Pune** Partner to commence and progress towards a



mutually beneficial engagement . This MOU seeks to crystallize the understanding of both parties as regards the mode of their engagement and define their roles and responsibilities.

Both parties have mutually agreed to conduct the following activities under the MOU.

- A- Carrier Guidance Program
- B- Knowledge sharing sessions , How to prepare for Interview in MNC
- C- Placement preparation for students, Mock interviews
- D- Microsoft Exam Preparation and Exam conduct
- E- Soft Skills session and Preparation
- F- Free Internship to Students.

Above seminar will be free of cost, no cost will be added after seminar

## **2 . Responsibilities of College:**

- A- Nominate a Single point of contact (SPOC) to support this activity from college side.
- B- Ensure necessary logistic, infrastructural and academic support (through teaching faculty) to conduct the various activities .

## **3 – Responsibilities of KasNet :**

- A: Nominate a Single point of contact (SPOC) to support this activity from Kasnet side.
- B: Provide necessary technical, logistic and infrastructural support to conduct the activities.
- C: Workshop may be conducted if institute wishes

## **4 : Joint Responsibilities of the parties :**

- A: Ensure active participation and end to end support to achieve desired result.
- B: Set up joint progress tracking mechanism.
- C: Sync up on periodic basis.
- D: Provide infrastructure support on need basis.
- E: Follow ups with internal as well as external stakeholders.

5- Termination: Either party may terminate this MOU in the following events:

- A. In the events of insolvency, bankruptcy or winding up of the party.



B. With a written notice of 30 days to the other party.

C. On entering into a Definitive MOU

**Terms & Conditions :** This MoU, unless extended by mutual written agreement of the PARTIES shall expire three year after the effective date specified in the opening paragraph. This MoU may be amended or terminated earlier by mutual written agreement of the PARTIES at anytime or either party shall have the right to unilaterally terminate this MOU upon providing a notice period of of 15 days to the other party.

**Relationship :** Nothing in this MoU shall be construed to make the party a partner, an agent or legal representative of the other for any purpose.

By signing below, the parties acting by their duly authorized officers, have caused this MoU to be executed. On Behalf of Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umrer Road, Nagpur- 440024

On Behalf of KasNet Technoogies Pvt Ltd.Engineering

By

Dr. N. K. Choudhari

Principal, PBCOE, Nagpur

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

By

Mr. Amol Aher

Director, KasNet Technoogies

Pvt Ltd.Engineering

On Behalf of KasNet Technoogies

Pvt Ltd.Engineering

By

Name: Mr. P. M. Palkar

Incharge Training and Placement, PBCOE,

Nagpur Co-ordinator

Training and Placement Cell  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

For KasNet Technologies Pvt. Ltd.

Director



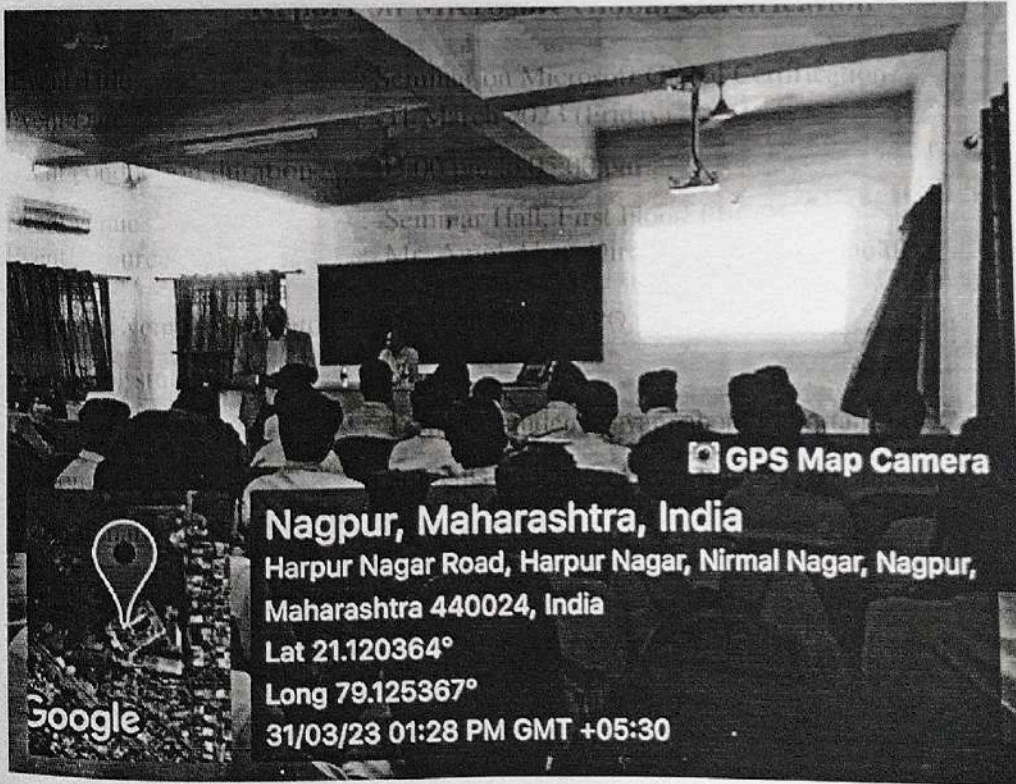
Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**





**Department of Training and Placement Cell**  
**Academic session 2022-23**

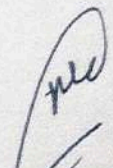
**Report on Microsoft Global Certification**

1. Event Title : Seminar on Microsoft Global Certification
2. Event Date : 31 March 2023 (Friday)
3. Event conduction duration : 03:00 pm to 05:00 pm
4. Event venue : Seminar Hall, First Floor, PBCOE
5. Event resource person : Mr. Amol Aher, Director Kasnet Technology
6. Name of Event Coordinator : Dr. P M. Palkar, TPO, PBOCE
7. Number of students : 126
8. Objective : To make students aware about importance of Certification
9. Outcome : Students understood importance of various certification courses for professional growth.



  
Dr. P M. Palkar  
TPO

  
Dr. Mrs A R Chaudhari  
IQAC Coordinator  
IQAC Coordinator  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
**TRAINING AND PLACEMENT CELL**

Date & time : <sup>31</sup> 27th March 2023, 3:00PM, First Floor, Seminar Hall  
 Session Topic : Microsoft Global Certification

Speaker: Mr. Amol Aher, Director Kasnet Technology

Sr. No.	Name of Students	Branch	Mobile	Sign
1	Renukesh Dhole	EC	7517687603	<u>Dhole</u>
2	Nayan Baghel	CSE	9860268104	<u>Baghel</u>
3	Sahil Babhore	EC	8767889442	<u>Babhore</u>
4	Tanushri Ingole	EC	7822960398	<u>Ingole</u>
5	Shrushti Bhule	CSE	9370597336	<u>Bhule</u>
6	Manisha Sankusare	CSE	9322034268	<u>Sankusare</u>
7	Khushi K. Kachwaha	CSE	8007932465	<u>Khushi</u>
8	Sayali Khedikar	CSE	7058503996	<u>Khedikar</u>
9	Preena Shah	CSE	9021122551	<u>Shah</u>
10	Karina Rahate	EC	8208022879	<u>Rahate</u>
11	Manoj P. Ghagare	EC	8080187395	<u>Ghagare</u>
12	Nikita R. Ighe	EC	9146339493	<u>Ighe</u>
13	Toshita S. Satpute	EC	7558591643	<u>Satpute</u>
14	Maithily N. Velokar	IT	7558642716	<u>Velokar</u>
15	Payal G. Kupase	IT	9322798669	<u>Kupase</u>
16	Anagha A. Ghatole	IT	7020156213	<u>Ghatole</u>
17	Rhummyee P. Waghade	IT	9175120221	<u>Waghade</u>
18	Ayushi B. Brambore	IT	8446498276	<u>Brambore</u>
19	Harsha V. Patankar	IT	8767739303	<u>Patankar</u>
20	Prakshi Nagmote	IT	7888278317	<u>Nagmote</u>
21	Lunali S. Barve	IT	8966631314	<u>Barve</u>
22	Rohini M. Dahake	IT	8669031557	<u>Dahake</u>
23	Smriti Sanjay Anthamwar	IT	9307754890	<u>Smriti</u>
24	Vaishnavi M. Shirkar	IT	9325351289	<u>Shirkar</u>
25	Vaidahi A. Kubade	IT	8830583352	<u>Kubade</u>
26	Suchita Naresh Bawankule	CSE	8767975354	<u>Bawankule</u>
27	Sakshi Kothiram Thakur	CSE	9096902395	<u>Thakur</u>
28	Mansi T. Bhujade	CSE	9322392263	<u>Bhujade</u>
29	Falguni Shinde	IT	8010985797	<u>Shinde</u>
30	Sanskriti Marvi	IT	9921548166	<u>Marvi</u>
31	Shivani Khotale	IT	6266288102	<u>Shivani</u>
32	Rachna Bhayar	IT	9975594589	<u>Bhayar</u>

33.	Anuja M. Laghari	CSE	8767385462	<u>Anuja</u>
34.	Siddhi S. Dabho Dabhale	CSE	7756946031	<u>Siddhi</u>
35.	Jaya S. Fuhale	CSE	9604213200	<u>Jaya</u>
36.	Saloni C. Hedoo	IT	9975284489	<u>Saloni</u>
37.	Divya K. Khade	IT	9022140096	<u>Divya</u>
38.	Vidhya S. Khubalkar	IT	9850371098	<u>Vidhya</u>
39.	Samiksha S. Misal	IT	9356263979	<u>Samiksha</u>
40.	Asmita Khumbalkar	IT	8999640186	<u>Asmita</u>
41.	Vomifa Das	IT	9579180175	<u>Vomifa</u>
42.	Patak Bankar	IT	9764170742	<u>Patak</u>
43.	Kavishma Bhagat	EC	9405042177	<u>Kavishma</u>
44.	Ruchika Moon	EC	8788438227	<u>Ruchika</u>
45.	Vaishnavi Bawani	EC	8308784514	<u>Vaishnavi</u>
46.	Sameer Kute	IT	7666633245	<u>Sameer</u>
47.	Shishir S. Thakur	CSE	8624054401	<u>Shishir</u>
48.	Aarya J. Jiwara	CSE	8855015375	<u>Aarya</u>
49.	Sejal T. Hiwase	CSE	7666406343	<u>Sejal</u>
50.	Sudhanshu Narayan	CSE	9022585655	<u>Sudhanshu</u>
51.	Mahima P. Adhale	CSE	9694387670	<u>M.P. Adhale</u>
52.	Mehak A. Khan	CSE	6265095699	<u>Mehak Khan</u>
53.	Anchal D. Itarmare	EC	9209021355	<u>Anchal</u>
54.	Ruchika Hate	EC	8412935295	<u>Ruchika</u>
55.	Sakshi Ramteke	GC	7499380431	<u>Sakshi</u>
56.	Deendra Shendge	EC	9322543385	<u>Deendra</u>
57.	Pratham Pannase	EC	8459322113	<u>Pratham</u>
58.	Akash Kadu	EC	8830993957	<u>Akash</u>
59.	Riya Sonanphare	EC	8600545890	<u>Riya</u>
60.	Pranjali Tarankar	EC	7499519507	<u>Pranjali</u>
61.	Apurva Khangar	EC	9370589201	<u>Apurva</u>
62.	Umeshdada J. Jambekar	CSE	9021183878	<u>Umeshdada</u>
63.	Saurabh Tiwari	CSE	9359923350	<u>Saurabh</u>

# IYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR TRAINING AND PLACEMENT CELL

Date & time : 27th March 2023, 3:00PM, First Floor, Seminar Hall

Session Topic : Microsoft Global Certification

Speaker: Mr. Amol Aher, Director Kasnet Technology

No.	Name of Students	Branch	Mobile	Sign
30	Mohit Mahakalkar	CSE	9307120790	<u>M. Mahakalkar</u>
31	Vaibhavi Thakert	EC	9871291949	<u>V. Thakert</u>
32	Aditya Gokhale	CSE	9302920853	<u>Aditya</u>
33	Urvash Thubrikar	EC	8421910390	<u>U. Thubrikar</u>
34	Aniket Shegawar	EC	9922244250	<u>Aniket</u>
35	Priyanshu Kadurkar	IT	8459947261	<u>P. Kadurkar</u>
36	Arishul Choudhary	IT	9579182784	<u>Arishul</u>
37	Manav Makre	IT	9767037382	<u>Manav</u>
38	Aditya Haldar	IT	8459387477	<u>Aditya</u>
39	Shrutika Shinde	IT	9370453142	<u>S. Shinde</u>
40	Vivek P. Wadkar	CSE	7083137339	<u>V. Wadkar</u>
41	Aditya Yergude	IT	7620655339	<u>Aditya</u>
42	Pragya P. Wadibhalne	IT	7249174318	<u>Pragya</u>
43	Naman N. Soni	IT	9890178517	<u>N. Soni</u>
44	Atharva S. Daph	IT	8262023501	<u>A. Daph</u>
45	Sujal Mahalle	IT	9730526862	<u>S. Mahalle</u>
46	Sujal Dongare	IT	7448058270	<u>S. Dongare</u>
47	Karan Jagpute	IT	8080258297	<u>K. Jagpute</u>
48	Karan Dasode	IT	8237331229	<u>K. Dasode</u>
49	Ayush Panchbudhe	IT	9022034938	<u>A. Panchbudhe</u>
50	Prathamash Ghule	IT	9823677176	<u>P. Ghule</u>
51	Ishtik Utkude	CSE	8010658758	<u>I. Utkude</u>
52	Gejal Patil	CSE	8459584692	<u>G. Patil</u>
53	Meghna Dighore	EC	9657876525	<u>M. Dighore</u>
54	Khushi Nitnaware	EC	9359062347	<u>K. Nitnaware</u>
55	Tejaswini Kakele	EC	9822739420	<u>T. Kakele</u>
56	Bhavana Katarwar	EC	9322158595	<u>B. Katarwar</u>
57	Vandini Marbate	EC	9561607556	<u>V. Marbate</u>
58	Khushi Mate	EC	9960059839	<u>K. Mate</u>
59	Akash S. Kadam	EC	8830993957	<u>A. Kadam</u>
60	Riya P. Sonarghare	EC	8600545890	<u>R. P. Sonarghare</u>
61	Pratham Pannase	EC	8459322113	<u>P. Pannase</u>

# PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR

## TRAINING AND PLACEMENT CELL

Date & time : 27th March 2023, 3:00PM, First Floor, Seminar Hall

Session Topic : Microsoft Global Certification

Speaker: Mr. Amol Aher, Director Kasnet Technology

Sr. No.	Name of Students	Branch	Mobile	Sign
1)	Gaurav P. Mahadule	M.E.	7498617623	<u>G Mahadule</u>
2)	Nikhil B. Pokale	M.E.	9028284370	<u>N Pokale</u>
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27)	Juskar Barange	ECE	8080014099	<u>Juskar</u>
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# MEMORANDUM OF UNDERSTANDING

**between**



**TensorBrew Private Limited**

CIN: U74999KA2018PTC115572

**and**

**Priyadarshini Bhagwati College of Engineering, Nagpur**



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## PREAMBLE

TensorBrew Pvt Ltd, hereinafter referred to as 'TENSORBREW', registered under Companies Act, is engaged in building industry solutions based on Artificial Intelligence (AI) & Machine Learning (ML). TensorBrew works with its clients and partners to help them in their AI journey. TensorBrew has its AI/ML offerings in the domain of Security & Compliance, Information Management and Work optimization. TENSORBREW is led by Rajeev Kumar who has over 23 years of experience in the IT Industry and has worked with Fortune 100 clients like IBM, Google, Disney etc.

Priyadarshini Bhagwati College of Engineering (PBCOE) is a highly reputable institute and offers Engineering courses in Computer Science & Engineering, Electronics and Communication Engineering, Information Technology, Civil Engineering and Mechanical Engineering.

PBCOE's mission is to generate effective synchronization amongst academicians, professionals, technocrats and students so as to achieve excellence in professional education with a sense of commitments to meet the national aspirations.

PBCOE is committed to create state of art infrastructure, highly competent, learned and motivated faculty, best of the books, journals, computing and internet facilities for the students, who in turn will be useful for industries in particular and society in general.

This Memorandum of Understanding (MOU) is entered into by and between TENSORBREW, with a registered address at K-138, Concorde Silicon Valley, Bangalore - 560100 India and PBCOE located at Priyadarshini Campus, Digdoh Hills, Hingna Road, Nagpur - 440019 India.

### **1. Purpose**

There has been significant progress in the field of AI/ML. The advances in the field of AI/ML provide an excellent opportunity for Industry to build new products and services. There is a strong need for resources skilled in AI/ML and demand is expected to grow significantly. Moreover, AI/ML has its applications in every single domain wherever human knowledge is used.

Both TENSORBREW and PBCOE

- Recognize the importance of research and development in the areas AI/ML, as well as imparting industrial training to the students, etc.

- Appreciate the need for creation of a large reservoir of highly qualified manpower in the AI/ML field.

In this regard, TENSORBREW and PBCOE intend to form a partnership to create a **Center of Excellence** at PBCOE in the field of AI/ML. Both parties will collaborate, share information and technology to support this initiative covering the following activities:

- Capability development of the students
- Faculty Development
- Laboratory/ infrastructure Development
- Placement
- Internship
- Research Publications
- Workshops, Seminars, Events

In consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both TENSORBREW and PBCOE hereby acknowledge, and hereby agree to sign a Memorandum of Understanding (MOU).

## 2. Scope

This MOU details the modalities and general conditions regarding collaboration between TENSORBREW and PBCOE for enhancing, within the country, the availability of highly qualified manpower in the areas of AI/ML without any prejudice to prevailing rules and regulations in TENSORBREW and PBCOE, without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to TENSORBREW and PBCOE.

Following are the areas of cooperation that can be extended through mutual consent.

1. **Training:** TENSORBREW will provide AI/ML training for PBCOE students in the following format:
  - a. Overall AI/ML Training program will be divided into **4 Certification programs of 3 months** duration each:
    - i. Data Science Fundamentals (Core Machine Learning)
    - ii. Computer Vision with Deep Learning
    - iii. Natural Language Processing (NLP)
    - iv. Productionizing Machine Learning



- b. The program will be available to students of **all branches** as AI is a cross-domain field.
  - c. Training pedagogy will use a combination of Classroom training (see Faculty Development below) with Online Learning.
  - d. TENSORBREW will provide a web based Learning Platform with 24x7 access to the students in Self-Learning format.
  - e. The program will utilize the following to impart the training.
    - i. Classroom sessions
    - ii. Video sessions
    - iii. Code notebooks
    - iv. Reading Material
    - v. Quizzes
    - vi. Projects/ Assignments
  - f. Student's learning through Web portal will be supplemented through Classroom learning (see Faculty Development below).
  - g. AI/ML is an evolving field whereas new techniques are proposed by AI/ML researchers on a regular basis. Program content will be kept updated on a regular basis.
  - h. TENSORBREW will provide Email support for Student's queries throughout their learning journey in this program.
2. **Internship:** TENSORBREW will provide internships to top 5% students based on their progress in the AI/ML learning program.
3. **Faculty Development:** TENSORBREW will help PBCOE with faculty development in the field of AI/ML by:
- a. Conduct training workshops based on mutually agreed upon schedule.
  - b. Conduct Q&A sessions.
  - c. Access to Learning Platform
  - d. TENSORBREW will also provide its own Instructors for mutually agreed upon duration as PBCOE faculty members build proficiency in the AI/ML field.

4. **Final Year Projects** : TENSORBREW will assist students in their final year project in the AI/ML field. The assistance will be provided in terms of idea validation, code reviews, paper publication etc.
5. **Placement Assistance**: TENSORBREW will assist final year students, who have done well in AI/ML training program, by
  - a. Engaging with its client and partner firms to gather AI/ML requirements.
  - b. Match deserving students with identified opportunities.
  - c. Help students showcase their work using GitHub repositories.
  - d. Assist in resume building.
6. **Lab / Infrastructure Development**: TENSORBREW will share its expertise in setting up an AI/ML lab / COE based on PBCOE requirements. The assistance will cover the following area:
  - a. Identifying appropriate Hardware *i.e* On premise vs Cloud, GPU, CPU, RAM etc
  - b. Software selection for AI/ML work
  - c. Any ongoing support with Lab/CoE setup
7. **Workshops, Seminars**: TENSORBREW will bring in Industry expertise to conduct Workshops, Seminars at PBCOE as well Online based on mutually agreed upon schedule. Workshops will be of 3-5 days duration with hands-on experience in Data Science, Machine Learning and Deep Learning. The topics for the workshops and seminars will be decided based on discussion with PBCOE.
8. **Research papers publications**: TENSORBREW can provide support for research work done by PBCOE students in the AI/ML field. The exact engagement will be described based on mutually agreement.

### 3. Costs

The following provides details of the costs associated with services rendered by TENSORBREW as part of this MoU.

1. **Web Learning Platform**:
  - a. The fee for the learning platform will be **Rs. 200 per student per month**. The fee is being kept very low to encourage students to build skills in the AIML field.
  - b. This fee covers costs for hosting and maintaining the Learning Platform.
  - c. Students are required to have a desktop/laptop to access the content on the learning platform.

2. **Internship:** No additional cost
3. **Faculty Development:**
  - a. The cost for faculty development will be based on institutional norms
  - b. Cost for TENSORBREW instructors visiting PBCOE will be assessed based on required effort and further discussion with the PBCOE.
4. **Final Year Projects :**
  - a. Cost will be assessed based on the amount of effort required and Project complexity.
5. **Placement Assistance:** No additional cost.
6. **Lab / Infrastructure Development:**
  - a. This will be assessed based on the amount of effort required at the time of the start of this initiative at the PBCOE.
7. **Workshops, Seminars :**
  - a. Cost for the same will be discussed and agreed up with PBCOE before scheduling the event.
8. **Research Paper publications:**
  - i. Cost will be assessed for each individual research initiative based on the amount of effort and complexity.

Any travel expenses incurred by TENSORBREW personnel will be billed to the PBCOE on an actual basis.

#### **4. MoU Duration**

1. This MOU shall be effective from the date of its approval by competent authorities at both ends.
2. The duration of the MOU shall be for a period of 3 years from the effective date.
3. During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.
4. Any clause or article of the MOU may be modified or amended by mutual agreement of TENSORBREW and PBCOE.

## **5. Confidentiality**

During the tenure of the MOU both TENSORBREW and PBCOE will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.

Both TENSORBREW and PBCOE shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to a third party without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement.

Further both TENSORBREW and PBCOE shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

CONFIDENTIAL INFORMATION shall mean any proprietary information, data or facts belonging to PARTIES collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

1. or becomes publicly available through no fault of the receiving party is,
2. already in the rightful possession of the receiving party prior to its receipt of such data or information;
3. independently developed by the receiving party without reference to the confidential information of the disclosing party
4. rightfully obtained by the receiving party from a third party or is in the public domain.
5. disclosed with the written consent of the party whose information it is, or
6. disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

## **6. Amendments**

Any amendments to the AGREEMENT shall be in writing and agreed upon by both PARTIES.

## 7. Cancellation

Any party, at any point during the execution of this MoU, can initiate cancellation of the same with a written communication. The cancellation of the MoU will be effective from the date of such written communication.

The Parties to this Memorandum of Understanding hereby confirm their agreement to its terms by the following signatures:

For TENSORBREW PVT. LTD.  
  
Director

By \_\_\_\_\_

Rajeev Kumar  
Founder, CEO  
TensorBrew Pvt Ltd.  
Date: June 23, 2020



By \_\_\_\_\_

Dr N.K. Choudhari  
Principal, Priyadarshini Bhagwati  
College of Engineering, Nagpur  
Date: June 23, 2020

Dr. N.K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



By \_\_\_\_\_

Dr (Mrs.) A R Chaudhari  
Dean Academics & IQAC coordinator,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur

Date: June 23, 2020

Dean Academics  
Priyadarshini Bhagwati College  
Engineering, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's

## **PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

Harpur Nagar, Umred Road, Nagpur-24

Internal Quality Assurance Cell

**Initiative**

Free Webinar Series on

**Demystifying Data Science, AI and ML**

Conducted by -

**Department of Electronics & Communication Engg.**

Date & Time

**12th - 14th May, 2020**

**10.00 am onwards**

**Mr. Arpit D. Yadav**

Research Scientist, AIML,  
Awardee of Inspirational Scientist Award

**EXPERT**



Registration Link : <https://forms.gle/EKWd7XUSNZPNovv86>

**Dr. N. K. Choudhari**  
Principal

**Dr. (Ms) D.M. Kate**  
HOD, EC Dept.

**Dr. (Mrs) A. R. Chaudhari**  
IQAC Coordinator

**Dr. P.R. Bokde**  
Event Coordinator

\* E-Certificate will be awarded to every participant

Contact No : 7755992555/8208510426



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Talbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Electronics & Communication Engineering**  
**Academic session 2019-2020**

**Report on 3-Days Online Webinar Series on**  
**"Demystifying Data Science, ML and AI"**

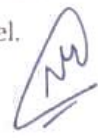
1. Event Title : Free Webinar Series on "Demystifying Data Science, ML & AI"
2. Event Date : 12<sup>th</sup> -14<sup>th</sup> May, 2020
3. Event conduction duration : 12<sup>th</sup> -14<sup>th</sup> May, 2020
4. Event venue : Online through 'Google Meet' App
5. Event resource person : **Mr. Arpit Yadav**,  
AI/ML Researcher, Tensor Blue, Hyderabad
6. Name of Event Coordinator : **Dr. Pramod R. Bokde**, Assistant Professor, EC Dept.
7. Number of students/Faculty: 140
8. Objective : To make faculties and students aware of fundamentals of Data Science, Machine Learning and Artificial Intelligence and its prospects and the opportunities in the nearby future
9. Outcome : The students and faculties learnt about:
  1. The fundamentals of Data Science, Machine Learning and Artificial Intelligence.
  2. Industrial flow for machine Learning and Deep Learning projects.
  3. Tools used in Data Science, Machine learning and AI.
  4. Carrier Opportunities in Data Science, ML and AI.
  5. Steps to make a machine learning model.

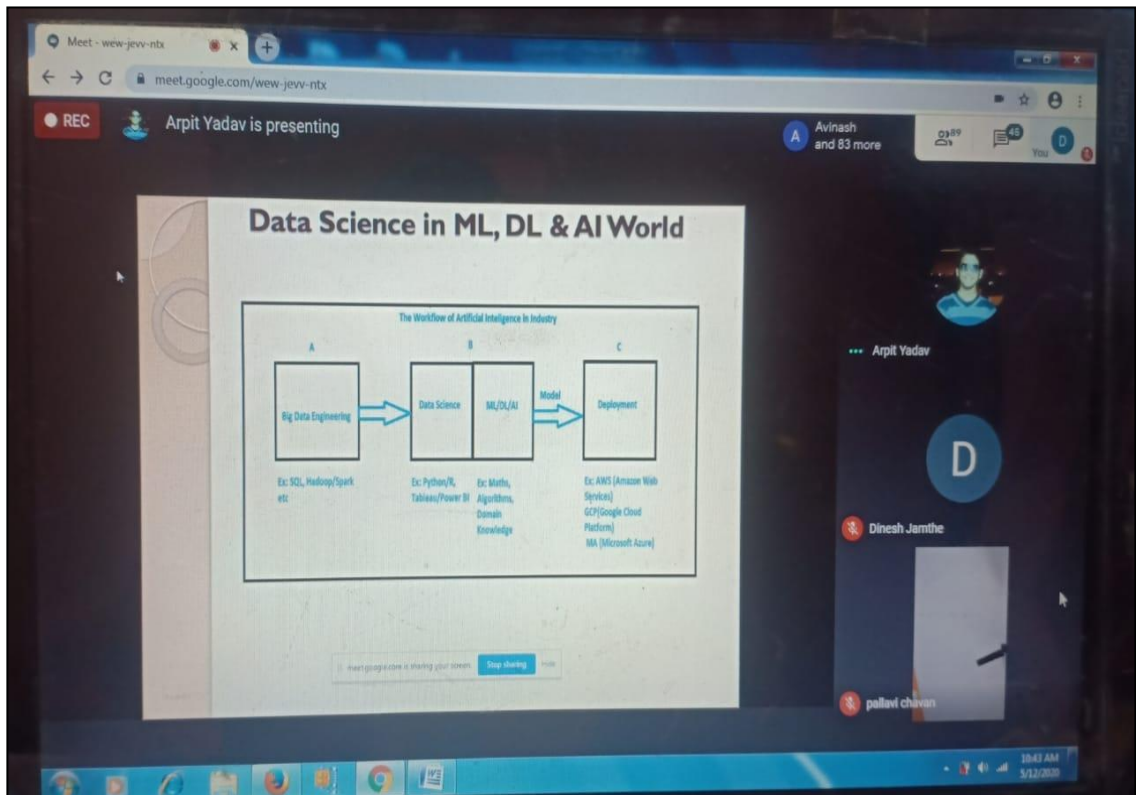
  
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Umred Road, Nagpur.





**Name of Event: 3-Days Online Webinar Series on "Demystifying Data Science, ML and AI"**

**List of Participants**

**Date: 12<sup>th</sup> -14<sup>th</sup> May, 2020**

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81	Dr Rupali Nandanwar	rupalinnanandwar@gmail.com	Priyadarshini Bhagwati College of Engineering Nagpur
82	Rajendra B. Khule	rajendrak20472@gmail.com	K. D. K. College of Engineering , Nagpur
83	Vaishali Belsare	vaishali.belsare@gmail.com	Kamla Nehru mahavidyalaya, Nagpur
84	Tushar v Diyewar	diyewartushar@gmail.com	SCET
85	Umesh Akare	umeshakare@gmail.com	Priyadarshini Indra Gandhi College of Engg
86	Archana A Nikose	nikose.archu@gmail.com	Priyadarshini Bhagwati college of engineering
87	Supriya Jawale	jawalesh@gmail.com	Priyadarshini Indra Gandhi College of engineering
88	PRITHVI CHAWLA	prithvichawla@gmail.com	SRPCE
89	Dr Sarita Bapuji Dhole (Rinke)	saraj_rinke5@gmail.com	Priyadarshini Bhagwati College of Engineering
90	Pritesh Dhole(scet)	priteshdhole123@gmail.com	Suryodaya college of engineering and technology
91	Gautam Gopichand Moon	gmoon027@gmail.com	Vidarbha Institute of Technology Nagpur
92	Tarannum Pathan	pathan.tannu24@gmail.com	Priyadarshini Bhagwati College of Engineering
93	Rashmi Dagde	rashthakre24@gmail.com	PBCOE, Nagpur
94	Shivani makde	shivanimakde0500@gmail.com	Suryodaya college of engineering and technology
95	Himanshu Moon	montuhimanshu97@gmail.com	Suryoday College of Engineering & Technology Nagpur
96	Ms.Ashwini S.Gawarle	ashwinigawarle@gmail.com	Priyadarshini Indra Gandhi College of
97	Dinesh Jamthe	pbcoe.dvjamthe@gmail.com	Priyadarshini Bhagwati College of Engineering, Nagpur
98	AMOL WAMANRAO PARDHI	apardhi@stvincentnpg.edu.in	St. Vincent Pallotti College of Engineering & Technology,
99	Rasika V Bodkhe	rasikabodkhe07@gmail.com	Kamla Nehru Mahavidhyalaya Nagpur
100	Urvee Chaudhari	urveechaudhari@gmail.com	Sardar Patel Institute of Technology
101	Sumit Ramkrishna Vaidya	vaidyarsomit@gmail.com	Military College of Telecommunication Engineering
102	Gauri Rajendrakumar Zade	zadenusha107@gmail.com	Priyadarshini Bhagwati College Of engineering
103	MRS UJWALA bHUSHAN MALKI	ub.malkhandale@gmail.com	PIGCE NAGPUR
104	Souras Ghotekar	sourasghotekar01@gmail.com	Vidarbha Institute of Technology Nagpur
105	Ms. Vaishali Thakre	tanvi1031@gmail.com	Vidarbha Institute of Technology, Nagpur
106	RUPALI B. SURVE	rupalisurve03@gmail.com	KAMLA NEHRU MAHAVIDYALAYA
107	PRIYANKA GODBOLE	Priyanka.godbole8@gmail.com	Vidarbha Institute of Technology, Nagpur
108	Nitin G. Gautam	hinitingautam@gmail.com	Suryodaya Collage Of Engineering And Technology
109	Urvee Chaudhari	urveechaudhari@gmail.com	Sardar Patel Institute of Technology
110	Dr. Mrs. Radha Pimpale	radhapimpale@gmail.com	Priyadarshini Bhagwati College of Engineering, Nagpur
111	Sandeep Daulatrao Mendhule	sandeep.mendhule@rediffmail.co	B N College of Engineering
112	PRANJALI DAHIKAR	pranjali.dahikar@gmail.com	Vidarbha Institute of Technology
113	Tarkeshwar khangar	surajkhangar12@gmail.com	Suryodaya collage of engineering and technology
114	Ansh bokde	ansh@gmail.com	Pbcoe
115	Nitin G. Gautam	hinitingautam@gmail.com	Suryodaya Collage Of Engineering And Technology
116	Sapana A Bhande	pbcoe.sbande@gmail.com	Priyadarshini Bhagwati College of Engineering
117	Himanshu Raju Moon	montuhimanshu97@gmail.com	Suryoday College of Engineering Nagpur
118	Narendra malode	narendramalode@gmail.com	Vidarbha institute of technology Nagpur
119	Jeet Choudhari	jeetchoudhari99@gmail.com	Ramrao Adik Institue if Technology, Nerul
120	Mayur Ramdas Tidke	cybertech631@gmail.com	Pbcoe
121	PallaviChavan	chavangpallavi12@gmail.com	Priyadarshini Indra Gandhi College of Engineering
122	Ms. Rupali D. Shinganjude	rupali.shinganjude@gmail.com	Priyadarshini Bhagwati College Of Engineering, Nagpur
123	Snehal Malode	snehal.dongare@gmail.com	KITS Ramtek
124	Dr. SULBHA RAJESH SUPLE	abhaassuple2007@gmail.com	PRIYADARSHINI BHAGWATI COLLEGE OF
125	Samiksha Sarode	samisarode@gmail.com	Priyadarshini Bhagwati college of engineering
126	Dr. Kailas Narayan Sonune	kailassonune@rediffmail.com	Lal Bahadur Shastri Sr College Partur Dist Jalna
127	Gauri Rajendrakumar zade	zadenusha107@gmail.com	priyadarshini Bhagwati college Of engineering
128	Archana Manoj Bobade	ambobade8@gmail.com	Shri Someshwar Engineering College

129	Deepali Patil	deepali.kalbande2014@gmail.com	Kamla Nehru Mahavidyalaya
130	Gauri Rajendrakumar Zade	zadenusha107@gmail.com	Priyadarshni Bhgwati College of Engineering
131	ANIL D.BHILKAR	anilbhikar2020@gmail.com	SHRI SHIVAJI COLLEGE AKOLA
132	Roshan kohad	kohadroshan9@gmail.com	Priyadarshini bhagwati college of engineering
133	Priyanka Fatru Dighore	priyankafdighore@gmail.com	Suryodaya College of Engineering and Technology
134	Prof. Rasika Chafle	rasikamanapure@gmail.com	Suryodaya College of Engineering and Technology,
135	HEENA MANCHANDA	heenamanchanda2201@gmail.co	Priyadarshini bhagwati college of engineering
136	SACHIN MOHANLAL JAMBHULK	sach.jambhulkar@gmail.com	VIT,Nagpur
137	Chaitanya Tilakchand Rahangdale	chaitanyarahangdale16@gmail.co	RTMNU University
138	Azhar H. Khan	azharkhan007.ak75@gmail.com	Suryodaya college of engineering
139	Swapnil Wasudevrao Thakre	swapnilwthakre@gmail.com	TCS
140	Karan Chandrashekhar Potdukhe	karanpotdukhe@gmail.com	Priyadarshini Bhagwati College of Engineering Nagpur

# PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR

(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)

## Department of Electronics and Communication Engineering

Academic session 2019-20

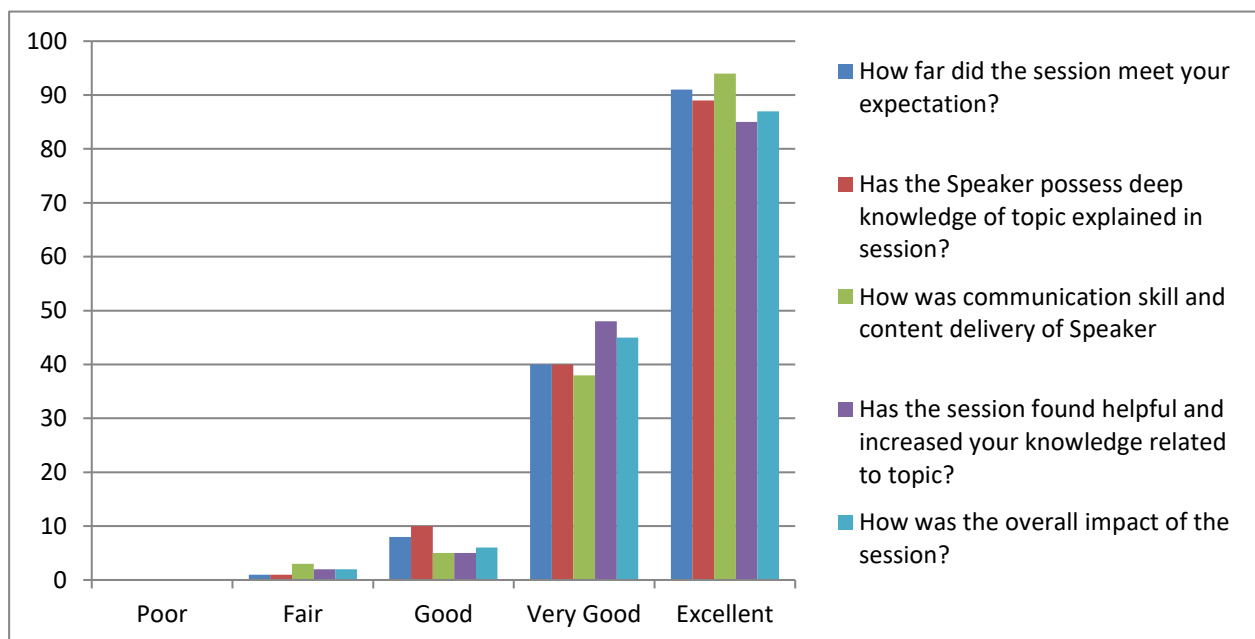
### FEEDBACK ANALYSIS

Name of Event: 3-Days Online Webinar Series on “Demystifying Data Science, ML and AI”

Date: 12<sup>th</sup> -14<sup>th</sup> May, 2020

1,2,3,4,5 where correlation level are 1. Poor 2. Fair, 3. Good, 4. Very Good, 5. Excellent

Sr. No	Title	Total number of Responses				
		Poor	Fair	Good	Very Good	Excellent
1	How far did the session meet your expectation?	Nil	1	8	40	91
2	Has the Speaker possess deep knowledge of topic explained in	Nil	1	10	40	89
3	How was communication skill and content delivery of Speaker	Nil	3	5	38	94
4	Has the session found helpful and increased your knowledge related to	Nil	2	5	48	85
5	How was the overall impact of the session?	Nil	2	6	45	87





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**

Harpur Nagar, Umred Road, Nagpur-24

Internal Quality Assurance Cell  
Initiative



3 Days Webinar Series on

**Demystifying Data Science, ML & AI**

Organized By

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

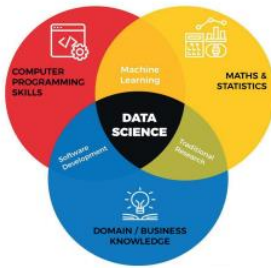
**CERTIFICATE**

We take pleasure in presenting this certificate to

**SANDEEP DAULATRAO MENDHULE**

for attending 3-Days Webinar Series on “**Demystifying Data Science, ML and AI**” organized by Department of Electronics and Communication Engineering under the guidance of Internal Quality Assurance Cell on 12th-14th May, 2020.

We wish him/her good luck for his future endeavor.



Dr. (Ms) D.M. Kate  
HOD, EC

Dr. (Mrs) A.R. Chaudhari  
IQAC Coordinator

Dr. N.K. Choudhari  
Principal

GHRUA/R&D Cell/Ph.D/Co-Sup/CHEM 001

Date: 08/07/2020

To,  
Dr. (Mrs.) Archana Chaudhari,  
Associate Professor,  
Priyadarshini Bhagwati College of Engineering,  
Nagpur.

**Subject :- Recognition as Ph.D. Co-Supervisor at G H Raisonni University, Amravati.**

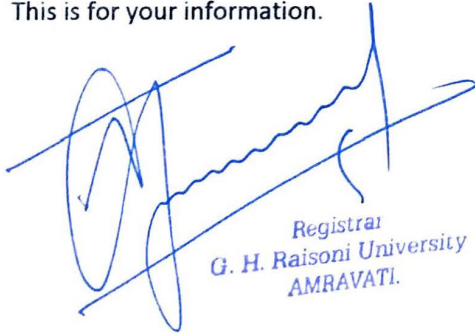
**Reference :- Your application dated 10<sup>th</sup> June 2020.**

Dear Sir,

With reference to above, Honourable Vice-Chancellor of the University has accepted the recommendation of the Research and Recognition Cell on 15<sup>th</sup> June 2020 granting recognition as a Co-Supervisor for Ph.D. in the subject **Chemistry** under the Faculty of Science and Technology of this university.

**Your Recognition No. is GHRU/Ph.D. Co-Sup.Rec/CHEM 001/ 2020**

This is for your information.



Registrar  
G. H. Raisonni University  
AMRAVATI.



**Registrar**  
**G H Raisonni University, Amravati**

Issued from the office of Registrar on dated 08/07/2020

Copy To

1. Hon. Vice Chancellor office. 2. Dean, Research & Development, GHRU Amravati



## G H Raison College of Engineering

An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Accredited by NAAAC with "A+" Grade.

CRPF Gate No. 3, Digdoh Hills, Nagpur-440016, Maharashtra, India

Phone: +91 9604787184, 9689903286, 9921008391 Fax: +91 – 7104 – 232560

E-mail: [principal.ghrce@raisoni.net](mailto:principal.ghrce@raisoni.net) Website: [ghrce.raisoni.net](http://ghrce.raisoni.net)

Ref. No. GHRCE/2020-21/WMIIE/12

Date: 23-Jul-20

To

**Dr. Archana Chaudhari,**

*Priyadarshini Bhagwati College of Engineering, Nagpur*

### *Letter of Gratitude*

On behalf of G H Raison College of Engineering, we are thankful to you for accepting our invitation and delivering online expert talk on the ***"Management of Industrial Waste-Lignin as a Promising Biomaterial"*** on ***23-Jul-20*** during One Week Online Faculty Development Program on ***"Waste Management & its Impact on the Environment"*** jointly organized by the Department of Civil Engineering & Applied Chemistry, in association with The Institution of Engineers (India), Nagpur Local Centre & Indian Water Works Association (IWWA), Nagpur Centre during 20<sup>th</sup> to 25<sup>th</sup> July 2020.

We express our sincere gratitude for the favor extended by you & expect the similar support in the future.

*With warm regards,*

**Dr. Sachin Untawale**

*Director, GHRCE, Nagpur*

*CEO, RGI*



Engineering

Management

Law

Schools

Other Courses

■ NAGPUR ■ PUNE ■ JALGAON ■ AMRAVATI ■ AHMEDNAGAR ■ CHHINDWARA

**RAISONI**  
GROUP OF INSTITUTIONS



**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**IT-NETWORKZ INFOSYSTEMS PVT LTD, NAGPUR**  
**AND**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

Department of Electronics & Communication Engineering

**Legitimate From: 1<sup>st</sup> July 2019 to 30<sup>th</sup> June 2024**

This Agreement made and entered into on this 1<sup>st</sup> day of July 2019 between

**IT-NETWORKZ INFOSYSTEMS PVT LTD** (herein after called **ITZ**), R. O. situated at Nagpur, Software & Web Development Company also working as an authorized Global IT Microsoft Training Centre & APTC on behalf of itself and acting through the Director,

**AND**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**, (hereinafter called "PBCE" which expression shall include its successors and permitted assignees) with its registered office at Laxmi Nagar, Nagpur.

The aforesaid Institutions are hereinafter referred to individually as *institute* and collectively as *institutes*.

It is the statutory object to disseminate advance knowledge by providing instructional, IT Training and Placement facilities in such branches of earning as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities for the promotion of:

**CORPORATE OFFICE**

1414, Hunters Glen Dr, Plainsboro New Jersey - 08536, USA

Tel: +1-443-878-2147, Fax: +1-443-548-0904

**GLOBAL DEVELOPMENT CENTER**

#21, Bonaire, Denise Avenue, Morningside, Sandton, Johannesburg - 2169 SA,

Tel: +27-730-606939

**HEAD OFFICE**

#P-5/A,102/201, Akanksha, RPTS Road, Laxmi Nagar, Nagpur - 440022, INDIA

Tel: +91-712-6464622, Fax: +91-712- 2248422

**BRANCH OFFICE**

Ground Floor, Anand Palace - 11, Opp. Vasant Dada Polytechnic,

Nandanvan, Nagpur - 09, Tel : 712 - 2712012, Cell : 92256 70888



It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

## 8. MISCELLANEOUS:

The details for the efficacious implementation of this Memorandum of Understanding shall be jointly worked out on mutually acceptable terms within the parameters of the policies, rules and regulations of both the institutions.

The parties to this memorandum may, by mutual consent, add modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.

The intent and implementation of this memorandum is **SUBJECT** to the policies of the respective states (in case of international agreements) and the laws of the land.

The parties to this **MOU** undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

This MOU shall require the ratification of the competent academic/executive body of both the institutions.

## 9. COSTS OF THE MOU

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

## 10. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

**IT-NETWORKZ**

By :

Name : Mr Deepak Dhote

Title : Operations Manager

Date : 01 July'19

Witness:  
Ms Nutan Z.  
Web Developer

(Seal)



On behalf of

**PBCE, Nagpur**

By :

Name : Dr N. K. Chaudhari

Title : Principal  
Name : Dr Mrs. A R Chaudhari  
Title : Dean Academics

Date : 01 July'19

Witness: Dr Ms D M Kate

HOD - EC Deptt.

Prof Manoj Chaudhari

Information Technology Department

Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.

(Seal)

  
Principal  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



  
Head  
Electronics & Communication  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

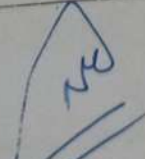
  
HOD - IT

Information Technology Department  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
**Department of Electronics & Communication**

**Project Drive Details**

<b>Activity</b>	<b>Sponsored Project Trainee Selection Test Drive</b>
<b>Expert for Drive</b>	1. Mr. Deepak Dhote 2. Ms. Nutan Z.
<b>Designation of Expert</b>	1. Operations Manager 2. Web Developer at IT-NetworkZ.
<b>Coordinator</b>	Mr. Vishesh Gaikwad CSE deptt, Ms. A.A. Lokhande IT deptt., Mr. M. Gupta EC Deptt.
<b>Date</b>	20/07/19
<b>Time</b>	11.00 am to 6.30 pm
<b>Sem</b>	VII Sem EC, CSE, IT
<b>No. of Students</b>	124
<b>Objective of Drive</b>	The drive aims to select the final year students for live project at company. After selection in the drive, the students will be given the training then they will be deployed for live project.
<b>Outcome of Drive</b>	The students after selection in the drive will develop the live project at ITZ and they will get the knowledge about the real time environment at software company.
<b>Summary of Drive</b>	<p>The Sponsored Project Trainee Selection Test Drive was conducted by the IT-NetworkZ Infosystems Pvt. Ltd., Nagpur for the IV year students of CSE, IT, EC students. The drive was addressed by Mr. Deepak Dhote, Operations Manager IT-NetworkZ in which he briefed about the company and details about the drive. The drive consists of aptitude test in which overall 124 students has participated. The test consists of 50 questions on technical topics and aptitude for the duration of 30 minutes for 100 marks. Total 29 students were shortlisted for technical and HR interview round.</p> <p>The technical &amp; HR round was conducted by above team of experts from IT-NetworkZ. In this round, 05 students got selected. The selected students have to undergo training in the company followed by live project for the session 2019-20 for one year.</p> <p>The selected students are, Mr. Ajinkya Jain (IT), Mr. Arun Gaddam (IT), Mr. Adil Khan (CSE), Mr. Aniket Korde (CSE), Ms. Bhargavi Kharwade (CSE).</p> <p>All these students were given selection letters at the hands of Dr. N. K. Choudhari, Principal PBCOE, Nagpur and Mr. Deepak Dhote, Operations Manager. The Principal of Institute, Dr. N.K. Chaudhari, appreciated the exposure of such type project drive for the students. Prof. K. N. Hande, Head CSE, Prof. M.S. Chaudhari, Head IT, Prof. D M Kate, Head EC Deptt. were present. Prof. V. Gaikwad, Prof. A.A. Lokhande Prof. M. Gupta worked hard for the success of the drive.</p>

  
**Principal**  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.

  
 Dr. Ms. D.M. Kate  
 Head of Department  
**Head**  
 Electronics & Communication  
 Priyadarshini Bhagwati College of Engg.  
 Umred Road, Nagpur.



**Mr. Deepak Dhote addressing the students.**



**Students solving the Technical Test.**



**Selected Students awarded with offer letter.**



**All the selected students with Dr.N.K.Choudhari,Principal,Mr. Deepak Dhote , ITZ and Heads of Department.**



Expect The World From Us  
A Division of CMS IT Services Pvt. Ltd.

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CMS IT Services  
(Talent Development Center)  
Laxmi Nagar, Nagpur, Maharashtra**

**And**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING  
(Department of Computer Science & Engineering)  
Harpur Nagar, Umred Road, Nagpur-24**

**From date 10/04/2019 to 09/04/2024**

**NAGPUR : LAXMI NAGAR BRANCH**

262/D, Near Laxmi Nagar Water Tank,  
Nagpur - 440022 (MS)  
Ph: 0712-3922051

**NAGPUR : SADAR BRANCH**

Mangalwari Complex, A Wing, 2nd Floor,  
Nagpur - 440001 (MS)  
Ph: 0712-6631790

**WARDHA**

Ram Nagar, Circus Ground, Opp. Garden,  
Wardha - 442001  
Ph: 8956098986 Web : [www.cmsitserviceswardha.com](http://www.cmsitserviceswardha.com)

This MEMORANDUM OF UNDERSTANDING is entered on 10th day of April, 2019.

**BETWEEN**

**Priyadarshini Bhagwati College of Engineering** was established in 2007 with a vision to make an indelible mark in the field of engineering education & research.

**AND**

**CMS IT Services, Nagpur**

About the Company:

CMS started off as a computer maintenance and services company in 1976. CMS today is a over US\$150 million Information Technology company with global employee strength of more than fifteen thousand qualified professionals and over two hundred research personnel. With a national network of support centers and offices, including R&D centers in Mumbai, Pune & Thiruvananthapuram; Software Development centers in Chennai, Mumbai & Pune; Outsourcing Centers in Bangalore, Chennai, Mumbai & Delhi, and CMS has been rated many a time by IDC as the NO.1 in the Customer Satisfaction Survey.

This MOU shall commence from the date of its signing and shall continue for a period of **Five years** from date of its signing. Unless either party by notify in writing to the other party of its intention to terminate this MOU thirty days in advance.

This MOU is not legally binding contract and under no circumstances does this memorandum subject either of the parties to liability for breach, whether material or minor of contract or any other liability under national applicable law.

HCET and CMS IT SERVICES, NAGPUR recognizes that they share common goals and are desirous to establish a cooperative arrangement for mutual Benefit. The MOU will be based on Non Commercial Activities.

The said arrangement between PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING & CMS IT SERVICES, NAGPUR will be in the following areas:

1. **Undertaking Need based Industrial Projects & Consultancy :** The problems faced by an Industrial undertaking are many viz. technical, human, system & procedures. In this collaboration, the Priyadarshini Bhagwati College of Engineering will undertake Consultancy activities which will be need based. The activity will involve Problem Identification, Problem Definition, Problem solving. These Projects would be undertaken in Joint consultation.
2. **Industry Visit :** It is an activity where student community would like to experience the real life work situations. This MOU will provide an opportunity to the students of

IN WITNESS WHEREOFF the parties hereto have executed this understanding on the day and date as below

WITNESSES

For /-  
**CMS IT Services, Nagpur**  
(Talent Development Center )

Name: PM Wasu

Designation: Director

Signature:



Date:10/04/2019

Place: Nagpur

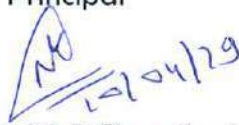
For /-

**Priyadarshini Bhagwati College of Engineering**

Name: Dr.N.K.Choudhari

Designation: Principal

Signature:



Name:Dr.(Mrs.)A.R.Choudhari



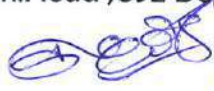
Designation:Dean Academics

Signature:

Name:Mr.K.N.Hande

Designation:Head ,CSE Deptt.

Signature:



Head

Date: 10/04/2019  
Science & Engineering Department  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.

Place: Nagpur

WITNESSES : CMS IT Services (TALENT DEVELOPMENT CENTER) NAGPUR

WITNESSES : For Priyadarshini Bhagwati College of Engineering

1. Dr.(Ms.)D.M.Kate,Head EC Deptt;
2. Mr.M.S.Chaudhari,Head IT Deptt.



Stamp:





**CMS**<sup>TM</sup>  
IT TRAINING INSTITUTE

Expect The World From Us  
A Division of CMS IT Services Pvt. Ltd.

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CMS IT Services  
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Laxmi Nagar, Nagpur, Maharashtra  
And**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING  
(Department of Electronics & Communication  
Engineering)  
Harpur Nagar, Umred Road, Nagpur-24**

**From date 10/04/2019 to 09/04/2024**

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Ph: 0712-3922051

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The said arrangement between PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING & CMS IT SERVICES, NAGPUR will be in the following areas:

1. **Undertaking Need based Industrial Projects & Consultancy :** The problems faced by an Industrial undertaking are many viz. technical, human, system & procedures. In this collaboration, the Priyadarshini Bhagwati College of Engineering will undertake Consultancy activities which will be need based. The activity will involve Problem Identification, Problem Definition, Problem solving. These Projects would be undertaken in Joint consultation.
2. **Industry Visit :** It is an activity where student community would like to experience the real life work situations. This MOU will provide an opportunity to the students of

IN WITNESS WHEREOFF the parties hereto have executed this understanding on the day and date as below

WITNESSES

For /-  
**CMS IT Services, Nagpur**  
(Talent Development Center )

Name: PM Wasu  
Designation: Director

Signature:

Date: 10/04/2019

Place: Nagpur



For /-

**Priyadarshini Bhagwati College of Engineering**

Name: Dr.N.K.Choudhari

Designation: Principal

Signature:

Name: Dr.(Mrs.)A.R.Choudhari

Designation: Dean Academics

Signature

Name: Dr.(Ms.)D.M.Kate

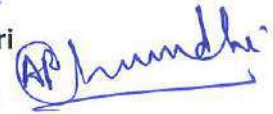
Designation: Head ,EC Deptt.

Signature:

Date: 10/04/2019

**Head**  
**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.

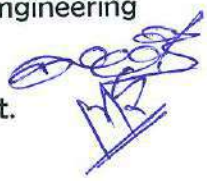
Place: Nagpur



WITNESSES: CMS IT Services (TALENT DEVELOPMENT CENTER) NAGPUR

WITNESSES: For Priyadarshini Bhagwati College of Engineering

1. Mr.K.N.Hande,Head CSE Deptt;
2. Mr.M.S.Chaudhari,Head IT Deptt.



Stamp:



Stamp:



**CMS**<sup>TM</sup>  
IT TRAINING INSTITUTE

Expect The World From Us  
& Division of CMS IT Services Pvt. Ltd.

**MEMORANDUM OF UNDERSTANDING  
BETWEEN**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING  
(Department of Information Technology)  
Harpur Nagar, Umred Road, Nagpur-24**

**And**

**CMS IT Services  
(Talent Development Center)  
Laxmi Nagar, Nagpur, Maharashtra**

**From date 10/04/2019 to 09/04/2024**

**NAGPUR : LAXMI NAGAR BRANCH**

262/D, Near Laxmi Nagar Water Tank,  
Nagpur - 440022 (MS)  
Ph: 0712-3922051

Email : [cmsinagpur@gmail.com](mailto:cmsinagpur@gmail.com)

**NAGPUR : SADAR BRANCH**

Mangalwari Complex, A Wing, 2nd Floor,  
Nagpur - 440001 (MS)  
Ph: 0712-6631790

Web : [www.cmsitservices.com](http://www.cmsitservices.com)

**WARDHA**

Ram Nagar, Circus Ground, Opp. Garden,  
Wardha - 442001

Ph: 8956098986 Web : [www.cmsitserviceswardha.com](http://www.cmsitserviceswardha.com)

Tel : 9881003818

Free call : 18002090027

This MEMORANDUM OF UNDERSTANDING is entered on 10th day of April, 2019.

**BETWEEN**

**Priyadarshini Bhagwati College of Engineering** was established in 2007 with a vision to make an indelible mark in the field of engineering education & research.

**AND**

**CMS IT Services, Nagpur**

About the Company:

CMS started off as a computer maintenance and services company in 1976. CMS today is a over US\$150 million Information Technology company with global employee strength of more than fifteen thousand qualified professionals and over two hundred research personnel. With a national network of support centers and offices, including R&D centers in Mumbai, Pune & Thiruvananthapuram; Software Development centers in Chennai, Mumbai & Pune; Outsourcing Centers in Bangalore, Chennai, Mumbai & Delhi, and CMS has been rated many a time by IDC as the NO.1 in the Customer Satisfaction Survey.

This MOU shall commence from the date of its signing and shall continue for a period of **Five years** from date of its signing. Unless either party by notify in writing to the other party of its intention to terminate this MOU thirty days in advance.

This MOU is not legally binding contract and under no circumstances does this memorandum subject either of the parties to liability for breach, whether material or minor of contract or any other liability under national applicable law.

HCET and CMS IT SERVICES, NAGPUR recognizes that they share common goals and are desirous to establish a cooperative arrangement for mutual Benefit. The MOU will be based on Non Commercial Activities.

The said arrangement between PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING & CMS IT SERVICES, NAGPUR will be in the following areas:

1. **Undertaking Need based Industrial Projects & Consultancy :** The problems faced by an Industrial undertaking are many viz. technical, human, system & procedures. In this collaboration, the Priyadarshini Bhagwati College of Engineering will undertake Consultancy activities which will be need based. The activity will involve Problem Identification, Problem Definition, Problem solving. These Projects would be undertaken in joint consultation.
2. **Industry Visit :** It is an activity where student community would like to experience the real life work situations. This MOU will provide an opportunity to the students of

IN WITNESS WHEREOFF the parties hereto have executed this understanding on the day and date as below

WITNESSES

For /-

**CMS IT Services, Nagpur**

(Talent Development Center)

Name: PM Wasu

Designation: Director

Signature:

Date: 10/04/2019

Place: Nagpur Signature

For /-

**Priyadarshini Bhagwati College of Engineering**

Name: Dr.N.K.Choudhari

Designation: Principal

Signature:

Name: Dr.(Mrs.)A.R.Choudhari

Designation: Dean Academics

Name: Mr.M.S.Choudhari

Designation: Head ,IT Deptt.

Signature: Information Technology Department  
Priyadarshini Bhagwati College of Engineering

Date: 10/04/2019

Place: Nagpur

WITNESSES : CMS IT Services (TALENT DEVELOPMENT CENTER) NAGPUR

WITNESSES : For Priyadarshini Bhagwati College of Engineering

1. Dr.(Ms.)D.M.Kate, Head EC Deptt;
2. Mr.K.N. Hande, Head CSE Deptt.

Stamp:



**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**Department of Electronic & Communication Engineering**

**Academic session 2019-20 (Odd Sem)**

Date: 02/01/20

**NOTICE**

All the students of III, V and VII semester are hereby informed that the department is going to organize seminar on "Industry Jobs for Engineering Students & changes in technology demand by IT industry" of Mr. Pradeep Wasu ,Director,CMS IT Services Raipur on 03<sup>rd</sup> January 2020  
All the students should attend the seminar.

Venue: Seminar Hall ,EC Dept.  
Time: 12:30 p.m.

  
Dr. ( Ms.) D. M. Kate

**Head**  
**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.

Copy to:

Principal Sir for kind information,  
Dean Academics,



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Electronics & Communication Engineering**  
**Academic session 2019-20**


**Report on Guest Lecture : " Industry Jobs for Engineering Students & Changes in technology demand by IT Industry "**


1. Event Title : **Industry Jobs for Engineering Students & Changes in technology demand by IT Industry**
2. Event Date : 3/01/2020
3. Event conduction duration : 1 Day
4. Event venue : Seminar Hall, EC department.
5. Sem/Branch : 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> Semester
6. Event resource person : Mr. Pradeep Wasu ,Director,CMS IT Services Raipur
- 7 Name of Event Coordinator : Prof. T.U. Pathan Asst. Prof. EC Department, PBCOE Nagpur
- 8 Objective : To inform the students about Industry Jobs for Engineering Students & Changes in technology demand by IT Industry
- 9 Outcome : To gain the knowledge from expert person this study model will enhance the knowledge and work expertize of students which will be beneficial for students to upgrade their knowledge.



  
**Dr.D.M.Kate**  
**HOD**  
**Head**

**Electronics & Communication**  
**Priyadarshini Bhagwati College of Engg**  
**Umred Road, Nagpur.**

  
**Dr. Mrs A R Chaudhari**  
**IQAC Coordinator**  
**IQAC Coordinator**  
**Priyadarshini Bhagwati College of Engg.**  
**Umred Road, Nagpur.**

  
**Dr. N. K.Choudhari**  
**Principal**  
**Principal**  
**Priyadarshini Bhagwati College of Engg.**  
**Umred Road, Nagpur.**

PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR

Department of Electronics and Communication Engineering

Session 2019-20

ASCONIC Student Forum

Date: 03/01/2020

Title of Seminar: "Industry Jobs for Engineering Students & changes in technology demand by IT industry"

Name of Expert: Mr. Pradeep Wasu, Director, CMS IT Solutions, Nagpur

Sr.No.	Name of Student	Semester	Contact No.	Signature
1.	Rohini M. Yelane	6 <sup>th</sup>	9689045881	<u>Yelane</u>
2.	D. Likita	4 <sup>th</sup>	9021398971	<u>Likita</u>
3.	Ankita Anil Dange	6 <sup>th</sup>	9834981925	<u>A Dange</u>
4.	Pratiksha B. Gajbe	6 <sup>th</sup>	9834490814	<u>PB Gajbe</u>
5.	Diksha S. Tayde	4 <sup>th</sup>	9657756567	<u>Dsteyale</u>
6.	Neha S. Chandekar	4 <sup>th</sup>	9849440822	<u>N Chandekar</u>
7.	Trupti G. Swinde	6 <sup>th</sup>	8378834279	<u>Trupti</u>
8.	Ragini R. Jadhao	4 <sup>th</sup>	8237705014	<u>Radhao</u>
9.	Diksha M. Vaidya	2 <sup>th</sup>	9620319511	<u>Diksha</u>
10.	Ominal G. Chamel	4 <sup>th</sup>	9975917571	<u>Ominal</u>
11.	Krutika N. Chapple	4 <sup>th</sup>	8087914123	<u>Krutika</u>
12.	Bhagyashree D. Kawale	4 <sup>th</sup>	9823142612	<u>Bkawale</u>
13.	Nikita U. Bandhewar	4 <sup>th</sup>	9638991808	<u>Nikita</u>
14.	Roma V. Umreth	4 <sup>th</sup>	9757275160	<u>Rumate</u>
15.	Vaishnavi G. Nile	4 <sup>th</sup>	9527621325	<u>Vnile</u>
16.	Ankita A. Shende	4 <sup>th</sup>	9145143086	<u>Ashende</u>
17.	Sheha P. Meshram	4 <sup>th</sup>	7038761339	<u>Smeshram</u>
18.	Achal A. Jain	4 <sup>th</sup>	8806583341	<u>Achal</u>
19.	Ku. Harshal R. Khandait	4 <sup>th</sup>	7721861417	<u>Harshal</u>
20.	Papeeta D. Alone.	4 <sup>th</sup>	8407995815	<u>PAlone</u>
21.	Ashwini P. Wadhav	4 <sup>th</sup>	4409419690	<u>Ashwini</u>
22.	Sejal L. Kadak	4 <sup>th</sup>	9370538354	<u>Skadak</u>
23.	Kajal R. Vaidya	4 <sup>th</sup>	9834352075	<u>KVaidya</u>





**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)

**Department of Electronic & Communication Engineering**  
Academic session 2018-19 (Even Sem)

Date: 29/12/18

**NOTICE**

All the students of IV,VI and VIII semester are hereby informed that the department is going to organize seminar on "IT Industries and Jobs for Engineers" of Mr.Pradip Wasu ,Director CMS IT Services Pvt Ltd. Nagpur on 31<sup>st</sup> DEC 2018.

All the students should attend the seminar.

Venue: Seminar Hall

Time: 12:30 p.m.

Copy to:

Principal Sir for kind information,  
Dean Academics,  
I Year Coordinator, HOD CSE, HOD IT, HOD EN, HOD MECH

  
Ms. D. M. Kate  
Head  
Electronics & Communication  
Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Electronics & Communication Engineering**  
**Academic session 2018-19**

**Report on Guest Lecture : "IT Industry and Jobs for Engineers"**

1. Event Title : **IT Industry and Jobs for Engineers**
2. Event Date : 31/12/2018
3. Event conduction duration : 1 Day
4. Event venue : Class Room, EC department.
5. Sem/Branch : 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> Semester
6. Event resource person : Mr. Pradeep Wasu ,Director,CMS IT Services Raipur
7. Name of Event Coordinator : Prof.A.D.Landge Asst. Prof. EC Department, PBCOE Nagpur
8. Objective : 1.To gain knowledge from expert person for betterment of work  
2 To learn multiple technologies and working strategies.  
3.To learn from expert and utilize knowledge for technical growth.
9. Outcome : To gain the knowledge from expert person this study model will enhance the knowledge and work expertize of students which will be beneficial for students to upgrade their knowledge.





**Dr.D.M.Kate**  
**HOD**  
**Head**

**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**Dr. Mrs A R Chaudhari**  
**IQAC Coordinator**  
**IQAC Coordinator**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**Dr. N. K. Choudhari**  
**Principal**

**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI BHAGWATI  
COLLEGE OF ENGINEERING**

(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)

Harpur Nagar, Umred Road, Nagpur - 440 024, (India)

Tel : +91-712-2710281, 2710282, Fax : +91-712-2710283

E-mail : principal.bcce@ltjss.net Website : www.bcce.ltjss.net



Date: 31/12/2018

To,  
Mr. Pradeep Wasu  
Director  
CMS IT Services Private Ltd., Nagpur.

*Thanks Letter*

We express our deep sense of gratitude for conducting seminar on '**IT Industry and Jobs for Engineers**' at our institute on 31<sup>st</sup> December 2018. We are grateful to you for your contribution for this technical event.

Looking forward for your kind cooperation in future.

(Dr. N.K.Choudhari)  
Principal

Received  
Thanks -  
Nice to see the entho  
of the IIT dept. arranged  
seminar in short span  
Anap

PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR

Department of Electronics and Communication Engineering

Academic session 2018-19 (Even semester)

IT Industry and Jobs for Engineers

Signature Sheet

Date: 31/12/2018

Sr. No.	Name of Student	Signature of Student
1)	Ankit. A. Yembawat	An
2)	Pranay. A. Bonwane	Pranay
3)	Akshay. C. Yherbe	Akshay
4)	Bhuyyesh R. Doye	Bhuyyesh
5)	Shweta R. Veklede	Shweta
6)	Falshuli R. Balsaraf	Falshuli
7)	Kavishma Dhabale	Kavishma
8)	Ankita J. Rahate	Ankita
9)	Roshani D. Borkar	Roshani
10)	Ajmer Vikrey	Ajmer
11)	Komal Sawale	Komal Sawale
12)	Vaishnavi K. Deshmukh	Vaishnavi
13)	Rishabh P. Satharwar	R. Satharwar
14)	Mayuri Bhamkar	Mayuri
15)	Ankita Vaidya	Ankita
16)	Khushboo Wadhare	Khushboo
17)	Amol Makde	Amol
18)	Renuka Bhure	Renuka
19)	Ashwini Chaturkar	Ashwini
20)	Akansha Pelgade	Akansha
21)	Revati Padole	Revati
22)	Runita Bhargawari	Runita
23)	Vaibhav Bhagipde	Vaibhav
24)	Sumit Akari	Sumit
25)	Nikhil Sume	Nikhil
26)	Sajit. Bodhikar	Sajit
27)	Rohini Yelam	Rohini
28)	Ankur Kacharekar	Ankur
29)	Kavyani S. Dewkar	Kavyani
30)	Apurva P. Hadke	Apurva



**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)  
**Department of Electronics and Communication Engineering**  
Academic session 2018-19

**Guest Lecture on**

**IT Industry and Jobs for Engineers**

**Delivered By : Mr. Pradeep Wasu, Director CMS IT Services, Nagpur**


**Date : 31<sup>st</sup> Dec 2018**

**FEEDBACK FORM**

Insert Number 1,2,3,4 where correlation level are 1. Fair, 2. Good, 3. Very Good, 4. Excellent

Sr. No	Title	Feedback
1	Effective Utilization of lecture time	3
2	Expertise knowledge of faculty	4
3	To what extent your queries / doubts were answered	3
4	Exposure to new methodologies and techniques	4
5	Training objectives were met	3
6	Expectation Level Achieved	4
7	Participation and Interaction was Encouraged	3
8	The objectives of the lecture was clearly defined	4

Name of Student : NIKHIL. SONONE

Signature : 





**SOCIETY FOR TECHNOLOGICALLY ADVANCED MATERIALS OF INDIA (STAMI)**  
(Registration under Societies Registration Act XII of 1860 with MH/589/07)

Ref. No.

Date : / /

Ref. No.: STAMI/121/2019

Date: 21/01/2019

**Memorandum of Understanding**

**(DRAFT)**

1. Society for Technologically Advanced Materials India (STAMI) through its venture of International Conference on Science, Engineering and Technology (ICSET-2019) during 26-28, May 2019 at Tashkent, Uzbekistan, Russia is collaborating with Priyadarshini Bhagwati College of Engineering, Nagpur
2. With Priyadarshini Bhagwati College of Engineering, Nagpur agreed to support the above said conference (ICSET-2019) on Research support know how for scrutinizing, Peer Reviewing and support for Publications. (Limited Number)
3. If wish the Priyadarshini Bhagwati College of Engineering, Nagpur will appoint one person from their institution to share the dais during the inaugural function of the conference at Tashkent, Uzbekistan. The expenditure of the designated delegate will be borne by Priyadarshini Bhagwati College of Engineering, Nagpur.
4. With Priyadarshini Bhagwati College of Engineering, Nagpur will not be involved nor incurred any profit or loss in the conference entitled ICSET-2019 during 26-29 May 2019 at Tashkent, Uzbekistan.
5. In case of any dispute with Priyadarshini Bhagwati College of Engineering, Nagpur and STAMI both agree to resolve it mutually.
6. Three to four names will appear as the patrons/ national advisor/ or on the other committees. The list of the names will be provided by Priyadarshini Bhagwati College of Engineering, Nagpur on the letter head of the Institution.

7. A pre-designated and approved pattern of brochure will be sent to **Priyadarshini Bhagwati College of Engineering, Nagpur**, so that they can carry out necessary changes in consultation with STAMI and print their own supplementary brochure for the Conference, which will held at the venue decided STAMI for distributing to the delegates and for their own use.

8. **Priyadarshini Bhagwati College of Engineering, Nagpur** will pay to STAMI Rs. 75,000/- (Seventy five thousand only) non refundable, towards the expenses incurred for the conference or participation/association fee. This does not include any persons travel or lodging or boarding or any expenses incurred for a person to attend the conference at Tashkent.

9. We wish to state that the ICSET-2019 Conference organizer i.e. STAMI will not sponsor any participants from **Priyadarshini Bhagwati College of Engineering, Nagpur**. If wish PBCE will pay the cost charged for solo registration Rs. 5000/- (five thousand only) for attending conference at Tashkent, Uzbekistan, Russia and will arrange their stay on their own in Tashkent.

10. **Priyadarshini Bhagwati College of Engineering, Nagpur** will not be involved in any communication, transaction or negotiation with the hotel and entry visa.

11. This MOU does not imply any kind of financial obligation, unless agreed upon in writing on either side and neither party can claim for any financial charges.

12. The association and activities carried out through the MOU should never be considered as an employment opportunity in any course of time by any individual concerned.

13. The MOU does not bind or compel party to provide for the abovementioned favour to the other party and rather aims to build and foster a spirit of collaboration for the mutual benefit while protecting the individual and mutual interests.

14. The MOU shall be effective from the date of signing or approval, and will be terminated after the conference is over or by communication by competent authority after the end of the event.

15. MOU comes in enforcement from dated 21/01/2019, at 11:00 AM.

16. Both parties agree upon the above given points and will work transparently towards successful completion of the event. The above Memorandum of Understanding is executed through its authorized signatories as follows

In witness whereof the parties here to have executed this understanding on the day and date as mentioned below;

Monday, 21<sup>st</sup> day of January 2019 at 11:00 AM.

  
Principal

**Priyadarshini Bhagwati College of Engineering,**

Dr. N.K. Choudhary  
Principal

Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

  
General Secretary

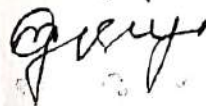
STAMI

Secretary

Society for Technologically  
Advanced Materials of India (STAMI)

Witness

1. Dr. Mohan N. Giriya



2. Dr. Mrs A. R. Chaudhari



3. Dr. Mrs A. R. Golhar





Society for Technologically Advanced  
Materials of India (STAMI)

*organizes*

# International Conference on Science, Engineering & Technology ICSET-2019

Tashkent, Uzbekistan  
May 30-June 01, 2019

Associate Partners



SAMARA UNIVERSITY  
RUSSIA



PBCOE, Nagpur  
INDIA



SA&SC, Nagpur  
INDIA

## APPRECIATION CERTIFICATE

*presented to*

*Prisyadarshini Bhagwati college & Engineering, Nagpur*

*for your valuable association as technical / financial partner.*

*Your support and guidance was instrumental in making*

*International Conference on Science, Engineering and*

*Technology (ICSET-2019) a grand success.*

*Looking forward for more such collaborations.*

Dr. Kishor Rewatkar  
Chairperson

Dr. Vladimir Sergeevich Pavelyev  
Samara University, Russia

Dr. Debashis Bhowmick  
Convener



# DOCUMENT FOR COLLABORATION AND MEMORANDUM OF UNDERSTANDING

ENTERED INTO ON 30<sup>TH</sup> DAY OF MAY 2019

BETWEEN

SAMARA UNIVERSITY, RUSSIA

AND

PRIYADARSHINI BHAGWATI COLLEGE  
OF ENGINEERING, NAGPUR, INDIA



SAMARA UNIVERSITY



## To promote research interaction and co-operation.

Priyadarshini Bhagwati College of Engineering was established in 2007 affiliated to RTM Nagpur University. It is one of the fast growing technical institutes in the central India with a view to impart high quality technical education to the engineering aspirants.

We are here proposing the area of collaboration and common points of consideration of an MOU. The purpose of MOU is to carry out mutually beneficial activities in the frontline research areas of Science, Engineering and Technology. During the period of MOU, both the institute/organizations would cooperate and collaborate with each other in the identified areas of mutual interest for mutual development as detailed under.

## Areas of Collaboration/interaction-

On its parts, the institute/organization shall consider and try, to the extent possible-

- 1) To share knowledge and expertise of the researchers, students, faculties and other members of both the organizations on case to case basis with mutual consent.
- 2) To provide resource persons for guest lecture / workshop etc. at the students and faculty development programs and research assignments of mutual interest.
- 3) To grant permission for visit of faculty members and the students to the Institute / Organization as per mutually convenient dates and schedule.
- 4) To offer testing and other technical facilities available with the institute / Organization if required by the members of institute/Organization.
- 5) To offer technical consultancy / training as per the need of both organization.
- 6) To offer the library / infrastructure /other amenities / facility of the institute to the organization personnel if required by the organization as per a procedure which is mutually evolved.

**Common points of consideration-**

- 1) The MOU does not imply any kind of financial obligation, unless agreed upon in writing, on either side and neither party can claim for any financial charges.
- 2) The association and activities carried out through the MOU should never be considered as an employment opportunity in any course of time by any individual concerned.
- 3) The MOU does not bind or compel either party to provide for the above mentioned favours to the other party and rather aims to build and foster a spirit of Collaboration for the mutual benefit while protecting the individual and mutual interests.
- 4) The MOU shall be effective from the date of signing/approval through official mail and either party can terminate this arrangement by a simple written communication by a competent authority at any point of time.
- 5) Neither party shall be liable for any indirect, punitive, special, incidental or consequential damages arising out of or in connection with this understanding, whether for breach of this MOU or in torts, including loss of business, data, revenue and profits or for any third party claims against the other whatsoever.

In witness where off the parties here to have executed this understanding on the day and date as below.

For

Priyadarshini Bhagwati College of Engineering



Dr N K Choudhari  
Principal  
Priyadarshini Bhagwati College of Engineering

For

Samara University, RUSSIA



Dr Vladimir Sergeevich Pavelev  
Head, Nanoengineering Department,  
Samara State Aerospace University

**Witness:**

1. 

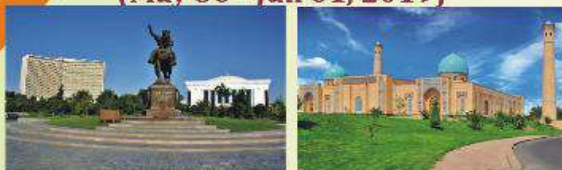
Dr. K. G. Ravi Kumar

1. 

## International Conference on Science, Engineering & Technology (ICSET-2019)

Advanced Nanostructured Materials Cloud  
Computing & Simulation Techniques  
Biodiversity & Sustainable Development

Venue  
Tashkent-Uzbekistan  
(May 30 - Jun 01, 2019)



Organized by



STAMI, Nagpur



PBCoE, Nagpur

In association with



### || About ICSET-2019

The International Conference on Science, Engineering & Technology (ICSET-2019) is in the series of interdisciplinary science conferences for advancement of science and technology. Over the last two decades there has been a drastic growth of interest in materials that exhibit unusual properties that may pave the way for new applications towards advancement of science and technology.

ICSET-2019 is an international gathering providing a stage to propagate the original research of academicians, researchers and students on Science, Engineering & Technology. The conference will have deliberations in Physical, Chemical, Biological & Engineering Sciences and Technology during **May 30 - Jun 01, 2019** at **Tashkent, Uzbekistan**. It will certainly abstract out the core themes to curtail down the gap between the research, industry and society to foster more persistent effort towards advancement.

### About STAMI

**Society for Technologically Advanced Material of India (STAMI)** was established in 2006 at Nagpur, Maharashtra, India under the leadership of Prof. Ram Pal Tandon, the then Professor & Head-Dept. of Physics & Astro Physics, Delhi University- India. Its members are from academic fraternity from various nationally reputed institutions of India and are also supported by Executive members from various industries and abroad. The society was formed with a vision to provide a common Platform at international level for exchange of scientific ideas and contributions. The society is committed to its mission to develop research attitude amongst the teaching fraternity.

### About PBCOE

**Priyadarshini Bhagwati College of Engineering, (PBCoE)** Nagpur is established in the year 2007 run by the well reputed Lokmanya Tilak Jankalyan Shikshan Sanstha. The college has been accredited by NAAC in 2017. The college has achieved remarkable position in the region within very short span. The architecture of the college is of international standard with all modern amenities. The college has state of art library, well equipped laboratories with high end computing facilities. The institute runs five under graduate courses namely Computer science & Engg, Information Technology, Mechanical Engg, Electronics & Communication Engg, Civil Engg & two post graduate courses in computer science and Electronics & Communication Engg. The college has produced many university rank holders and entrepreneurs. The college is known for its academic discipline and highly experienced, dedicated & devoted faculty members.

### International Associations

- Tashkent State Technical University,
- University Putra Malaysia, Kuala Lumpur, Malaysia
- Peridiniya University, Candy, Sri Lanka
- MASS, Malaysia

### Patron

Professor R. P. Tondon, *University of Delhi, New Delhi*  
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### Co-Patron

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Dr. Kishor Rewatkar, Nagpur

### Co-Chairperson

Dr. N. K. Choudhari, *Principal, PBCOE, Nagpur*

### Convener

Prof. Debashis Bhowmick, *Nagpur*

### Co-convener(s)

Dr. Mohan Giriya, *Nagpur* Dr. Ajay Lad, *Yavatmal*  
Dr. (Mrs.) A. R. Chaudhari, *Nagpur* Dr. H. P. Nagswarupa, *Bengluru*

### Co-ordinator(s)

Dr. Navin Mehra, *New Delhi* Prof. Sanjeev Agrawa, *K'shetra*  
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### Organizing Secretaries

Dr. Devendra Sahu Dr. V. K. Rewatkar Dr. Pravin Meshram

### Joint Organizing Secretaries

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Dr. (Mrs.) A. R. Golhar Dr. Vaishali Meshram Dr. P. R. Sakhare

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ICSET-2019

www.stami.in  
stami.icset2019@gmail.com

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### International Advisory Board

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Dr. A. S. Nakhate  
Dr. S. V. Kuhikar  
Dr. K. B. Modi  
Dr. S. K. Ubale

### Important Conference Topics

#### Science and Technology

- Material Science and Solid State Physics
- Advanced Materials
- Magnetic materials & smart materials
- Materials properties & Characterisation
- Thin film & technology
- Luminescence and Phosphorescence
- Carbon based Nanomaterials
- Nanoscience and Nanotechnology
- Biodiversity and Pharmaceutical Sciences

- Biological Sciences

#### Agriculture Sciences and Nutrition Technology

- Environmental Science and Green Chemistry
- Communication and information Technology
- Manufacturing System & Simulation
- Mechanical Strength and Design
- Industrial automation and process control
- Intelligent controllers
- Virtual instrumentation and automation
- Industrial robots & automation
- Cloud computing
- Sensors and embedded system
- Plastic Processing Technology

#### Social Science

- Human Resources and Management
- Social Sciences and Humanities
- Literature and Sociology
- Library sciences and e-learning
- Economics and Business Managements
- Education Technology
- Behavioural Sciences and Psychology

#### Abstract Submission

For Poster / Oral presentation submit abstract on or before **15th March 2019**. Author should submit an abstract of unpublished research work in Microsoft word document format with IEEE format. Abstract and Full length paper must reach by email to **stami.icset2019@gmail.com**. Each registered participant can submit only one abstract. Research articles submitted or presented at ICSET-2019 are planned to be published as per the scope of the work in the special issue of IOS journal with Scopus index (Elsevier Science). The instruction to the authors and other details can be referred from the STAMI website, **www.stami.in**

### Important Dates

Last date of Registration **10 February 2019**  
Last date of abstract submission **15 March 2019**  
Manuscript Submission **10 April 2019**  
Conference date(s) **30 May-01 June, 2019**

### Registration Fee

Combo Registration (Indian) : Rs 46,000/-  
(Conference Registration+5D/4NTravelPackage)  
Accompanying person (Indian) : Rs 45,000/-  
(However a concession of Rs 1,000 will be given to Life-members of STAMI)

**\*Limited registration will be allowed on first come basis**

### For RTGS / NEFT / Wire Transfer / Cash deposits

Bank Name: Bank of Baroda,  
Nandanwan, Nagpur, India

Branch Code: NANNAG

IFSC Code: BARBONANNAG

Account Name: ICSET-2019

MICR Code: 400012009

Account No: 27620200000694

SWIFT Code: BARBINBDPN

Account Type: Current

**After online transfer by RTGS / NEFT Wire transfer send scanned copy receipt via email at [stami.icset2019@gmail.com](mailto:stami.icset2019@gmail.com)**

### Contact Details:

Dr. K. G. Rewatkar : 9822426769  
Dr. D. S. Bhowmick : 9823323241  
Dr. (Mrs.) A. R. Chaudhari : 9823285684  
Dr. (Mrs.) A. R. Golhar : 9923206406  
Dr. N. C. Mehra : 9818485944  
Dr. D. K. Sahu : 9415947697

Email: [stami.icset2019@gmail.com](mailto:stami.icset2019@gmail.com)

web: [www.stami.in](http://www.stami.in)





Society for Technologically Advanced Materials of India (STAMI)

organizes

# International Conference on Science, Engineering & Technology ICSET-2019

Tashkent, Uzbekistan  
May 30-June 01, 2019

Associate Partners



## PARTICIPATION CERTIFICATE

This is to certify that Prof. / Dr. / Mr. / Ms. Arti R. Golhar  
of PBCOE has delivered oral / poster presentation on  
technical paper entitled Characterization of aluminium using  
non-destructive technique by linear regression analysis  
at International Conference on "Science, Engineering and Technology" (ICSET-2019) organized by  
Society for Technologically Advanced Materials of India, (INDIA) at Hotel Le Grand Plaza, Tashkent,  
Uzbekistan held during May 30 - June 01, 2019.

Dr. Kishor Rewatkar  
Chairperson

Dr. Vladimir Sergeevich Pavelyev  
Samara University, Russia

Dr. Debashis Bhowmick  
Convener



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organizes

# International Conference on Science, Engineering & Technology ICSET-2019

Tashkent, Uzbekistan  
May 30-June 01, 2019

Associate Partners



## BEST YOUNG RESEARCHER

presented to

Dr. / Mr. / Ms. Arti Golhar

In recognition of your outstanding contribution towards research

in the field of Ultrasonic Non destructive Testing

Dr. Kishor Rewatkar  
Chairperson

Dr. Vladimir Sergeevich Pavelyev  
Samara University, Russia

Dr. Debashis Bhowmick  
Convener



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Talbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in



**NAAC Accredited**

**Academic session 2018-19**

## Report on International conference on Science Engg. And Technology (ICSET-2019) in collaboration with STAMI

1. Event Title : International conference on Science Engg. And Technology (ICSET-2019) in collaboration with STAMI
1. Event Date : 30<sup>th</sup> May -1<sup>st</sup> June 2019.
2. Event conduction duration : 3Days
3. Event venue :Tashkent, Uzbekistan
4. Event resource person : Dr Vladimir Pevlyve, Head of Nano Engineering Department, Samara University, Russia
5. Name of Event Coordinator : Dr.N. K. Choudhari, Co-Chairperson
6. Number of students : 120
7. Objective : Participants must be aware about the research opportunities in the field of Nanotechnology and able to explore their research Topic in various field.
8. Outcome : Participants now familiar with the research opportunities in the field of Nanotechnology and able to explore their research Topic.  
People came together from different backgrounds and learned from each other, resolve problems and share knowledge and innovation.

Dr. (Mrs.) A. R. Chaudhari  
IQAC Cordinator

**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Dr. N. K. Choudhari  
Principal

**Priyadarshini Bhagwati College of Engg.**  
Umred Road, Nagpur.



## Report of International conference organized by Priyadarshini Bhagwati College of Engineering.

Priyadarshini Bhagwati College of Engineering has organized International Conference on Science Engineering and Technology (ICSET-2019) in collaboration with STAMI. This conference was held from May 30 to June 1, 2019 at Tashkent, Uzbekistan. The Conference was inaugurated by Dr. Vladimir Pevlyve, Head of Nano Engineering Department, Samara University, Russia. The conference has been successfully completed under the esteem guidance of Chairperson Dr. Kishor Revatkar and Co-Chairperson Dr. Nitin Choudhari.

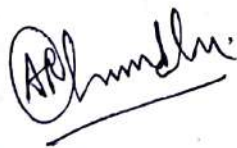
The conference's keynote speaker, Dr. Vladimir Pulaweve, gave detailed information about the opportunities in the various fields of research in Nano technology, and guided researcher professors, that Nano Technologies is a very useful technique, there is a lot of work to do and he assured that if required, then Samara University Lab will provide facility.

STAMI Chairman and Conference chairperson Dr Kishore Ravpatkar expressed that STAMI. and PBCOE organized this conference & hence researchers from various fields have the opportunity to present their reconstruction work.

On this occasion, Conference's Co-chairperson Dr. N. K. Choudhari elaborated that the conference is a great path for interdisciplinary researchers. If new research is to be done in any field, then there will be need of knowledge in other field also. Therefore researcher in science engineering & technology should work together so that knowledge sharing can be done and initiate new innovation.

Dr.(Mrs.) A. R. Chaudhari proposed vote of thanks. Dr. Devashish Bhowmick, Dr. M. Giria, Dr. A. R. Golhar and other organizing committee members worked tirelessly for the success of the conference. Many people from the different countries presented their papers in this conference. Around 120 delegates were attended the conference.

In this conference Best paper in chemistry was given to Dr.(Mrs) A. R. Chaudhari and in engineering field it is given to Prof. K. D. Ganvir. Best young researcher awards given to Dr. (Ms) A. R. Golhar and Dr. (Ms) R. A. Nandanwar.



**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



**Principal**  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

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Dr. (Mrs.) A. R. Chaudhari  
IQAC Coordinator

**IQAC Coordinator**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Dr. N. K. Choudhari  
Principal

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.











Society for Technologically Advanced  
Materials of India (STAMI)

*organizes*

# International Conference on Science, Engineering & Technology ICSET-2019

Associate Partners



RRIMT, Lucknow  
INDIA



SGWSD, Jhansi  
INDIA



SAMARA UNIVERSITY  
RUSSIA



PBCOE, Nagpur  
INDIA



SA&SC, Nagpur  
INDIA

# ABSTRACT BOOK

**Tashkent, Uzbekistan  
May 30-June 01, 2019**







LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI BHAGWATI  
COLLEGE OF ENGINEERING**

(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)  
Harpur Nagar, Umred Road, Nagpur - 440 024. (India)  
Tel. : +91-712-2710281, 2710282. Fax : +91-712-2710283  
E-mail : principal.bcce@ltjss.net Website : www.bcce.ltjss.net



## MEMORANDUM OF UNDERSTANDING

BETWEEN

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**TRAINING AND PLACEMENT CELL**

AND

**JETKING MAHAL NAGPUR LEARNING CENTER**

**Effective Date: 7<sup>th</sup> August 2018**

**Expiration Date: 6<sup>th</sup> August 2019**

THIS MEMORANDUM OF UNDERSTANDING is made and entered into on this **Day 7<sup>th</sup> August 2018** between **Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umred Road, Nagpur- 440024**

AND

**Jetking Mahal Nagpur Learning Center, Tilak Putla Sq Mahal Nagpur-440032, Nagpur** Franchisee of JETKING INFOTRAIN LTD. (Who for purpose of this MOU are hereinafter individually referred to 'PARTY' and collectively referred to as 'PARTIES')

The PARTIES, having discussed the fields of common interests and allied activities between the two institutions, have decided to enter into a long-term collaboration in the areas of Education and Training under this MOU following activities are decided mutually by both the parties for College CSE/IT/EC/EN Branch.

**1. Free IT Career Guidance Workshops/Seminars**

- i. Free Class to Class Technical workshop/Seminar twice in a year. (Can Customize)
- ii. Free Technical seminar twice in a year. (Can Customize)

**2. Free Soft skill development training for students once in year:**

- i. Basic communication skill programs
- ii. Personality Development

**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA**

3. **Special workshops in the college in grooming to the final and pre-final year students for the job market. The workshops will focus on the areas once in year.**

- i. Effective resumes building techniques
- ii. Do's-and-Don't tips for a successful interview
- iii. Scoring high in group discussions
- iv. Interview handling skills

4. **Free Industry visit** at our premises for 2<sup>nd</sup>, 3<sup>rd</sup> & final year students of college.

5. An exclusive 24 hours **technical value-addition** for **Principal-nominated 4 Teachers** in technology-domain every quarter by Jetking at the center, on Sundays/working day.

6. **GAT test** for all candidates, to analyze the industry readiness & orientation.(Once in Year)

7. **Terms & Conditions :** This MoU, unless extended by mutual written agreement of the PARTIES shall expire one year after the effective date specified in the opening paragraph. This MoU may be amended or terminated earlier by mutual written agreement of the PARTIES at anytime or either party shall have the right to unilaterally terminate this MOU upon providing a notice period of of 15 days to the other party.


8. **Relationship :** Nothing in this MoU shall be construed to make the party a partner, an agent or leagal representative of the other for any purpose.

By signing below, the parties acting by their duly authorized officers, have caused this MoU to be executed.


On Behalf of Priyadarshini Bhagwati  
College of Engineering , Harpur Nagar,  
Umred Road, Nagpur- 440024

By   
Dr. N. K. Choudhari **Principal**  
Principal, PBCOE, Nagpur  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.


Prof. Dr.(Mrs.) A. R. Chaudhari  
Dean, Academics, PBCOE, Nagpur

  
**Dean Academics**  
Priyadarshini Bhagwati College of  
Engineering, Nagpur.

By   
Name: Mr. P. M. Palkar **Co-ordinator**  
Title: Incharge **Training and Placement Cell**  
PBCOE, Nagpur  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Witness:  
1. Mr. K. N.Hande  
HOD, CSE Department, PBCOE, Nagpur  
  
**Head**  
Computer Science & Engineering Department  
Priyadarshini Bhagwati College of Engineering  
Umred Road, Nagpur.

On Behalf of Jetking Mahal Nagpur  
Learning Center, Tilak Putla Sq Mahal  
Nagpur-440032

By   
Mr. Amit Basware  
Director, Jetking Mahal Nagpur Learning  
Center



Witness:  
1. Mr. Shivendra Baghel  
Center Manager, Jetking Mahal Nagpur  
Learning Center



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



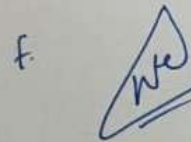
**Department of Training and Placement Cell**


**Academic session 2018-19**

**Report on Project Exhibition at Jetking**

1. Event Title : Report on Project Exhibition in Collaboration with Jetking
2. Event Date : 20 January 2019 (Sunday)
3. Event conduction duration : 10:00-04:00 pm
4. Event venue : Jetking, Mahal, Nagpur
5. Event resource person : Mr. Amit Basware
6. Name of Event Coordinator : Dr. P M. Palkar, TPO, PBOCE
7. Number of Students : 20
8. Objective : To motivate students in Project building and Participating in Competitions to boost their competitive skills and confidence.
9. Outcome : Students motivated with the participations and get the opportunities to enhance their confidence.

  
Dr. P M. Palkar  
TPO

  
Dr. Mrs A R Chaudhari  
IQAC Coordinator  
IQAC Coordinator  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Principal  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



## Certificate of Participation

This is to certify that

Ms. Mrunal Vikas Kathane

Participated from Priyadarshani Bhagwati  
College of Engineering Nagpur on project of  
Smart Notice Board With Announcement  
using Raspberry Pi  
held In connection with  
Jetking Nagpur Mahal Tech-Fest 2019

Dated: 20.01.2019

Amit Basware  
Director

Jetking Nagpur Mahal Learning Centre  
Ph:0712-2767898/9168108899



## Certificate of Participation

This is to certify that

Ms. Sakshi Virendra Palkar

Participated from Priyadarshani Bhagwati  
College of Engineering Nagpur on project of  
Smart Notice Board With Announcement  
using Raspberry Pi  
held In connection with  
**Jetking Nagpur Mahal Tech-Fest 2019**  
Dated: 20.01.2019

**Amit Basware**  
Director

**Jetking Nagpur Mahal Learning Centre**  
Ph:0712-2767898/9168108899



**Jetking**  
Better Life

## *Certificate of Participation*

This is to certify that

**Ms. Dhanashree A. Kukekar**

Participated from Priyadarshani Bhagwati  
College of Engineering Nagpur on project of  
Smart Notice Board With Announcement  
using Raspberry Pi  
held In connection with

**Jetking Nagpur Mahal Tech-Fest 2019**

Dated: 20.01.2019

**Amit Basware**  
Director

**Jetking Nagpur Mahal Learning Centre**  
Ph:0712-2767898/9168108899



## Certificate of Participation

This is to certify that

Ms.Komal Ramhari Rangari

Participated from Priyadarshani Bhagwati  
College of Engineering Nagpur on project of  
Smart Notice Board With Announcement  
using Raspberry Pi  
held In connection with  
Jetking Nagpur Mahal Tech-Fest 2019  
Dated : 20.01.2019

A handwritten signature in black ink, appearing to read 'Amit Basware', is written over a horizontal line.

Amit Basware  
Director

Jetking Nagpur Mahal Learning Centre  
Ph:0712-2767898/9168108899

Date :- 26/07/2019

Ref.No. :- MABES/260719/01

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**MDB ELECTROSOFT PVT. LTD., AMARAVATI  
AND**

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**TRAINING AND PLACEMENT CELL**

Effective Date: 26<sup>th</sup> July 2019

Expiration Date: 25<sup>th</sup> July 2020

THIS MEMORANDUM OF UNDERSTANDING is made and entered into on this Day 26<sup>th</sup> July 2019 between Priyadarshini Bhagwati College of Engineering , Harpur Nagar, Umrer Road, Nagpur- 440024

AND

MDB ELECTROSOFT PVT LTD, Rajapeth- Ambadevi Road, Near Oswal Bhavan, Amaravati- 444601 (Who for purpose of this MOU are hereinafter individually referred to 'PARTY' and collectively referred to as 'PARTIES'.)



The PARTIES, having discussed the fields of common interests and allied activities between the two institutions, have decided to enter into a long-term collaboration in the areas of Education and Training .






By signing below, the parties acting by their duly authorized officers, have caused this MoU to be executed.



On Behalf of Priyadarshini Bhagwati  
College of Engineering , Harpur Nagar,  
Umrer Road, Nagpur- 440024


On Behalf of MDB ELECTROSOFT PVT  
LTD, Rajapeth, Ambadevi Road, Near  
Oswal Bhavan, Amaravati-444601

By   
Mr. M. D. Bharati   
Director, MDB ELECTROSOFT PVT LTD  
Director

By   
Dr. N. K. Choudhari  
Principal, PBCOE, Nagpur  
  
Umred Road, Nagpur.

  
Prof. Dr. (Mrs.) A. R. Chaudhari  
Dean, Academics, PBCOE, Nagpur  
Dean Academics  
Priyadarshini Bhagwati College of  
Engineering, Nagpur.

By   
Name: Mr. P. M. Palkar  
Title: Incharge   
PBCOE, Nagpur  
Umred Road, Nagpur.

Witness:   
1. Mr. Akshay Kawle  
Developer, MDB ELECTROSOFT PVT LTD

Witness:  
1. Dr. D. M. Kate   
HOD, EC Department, PBCOE, Nagpur  
  
Umred Road, Nagpur



Date :- 29/07/2019

Ref. No. :- MDBES/290719/1

To,

TPO,

Priyadarshini Bhagawati,

College of Engineering,

Nagpur.

Sub: To inform about the selection of students from your institute for in-house project development for MDB Electrosoft Pvt.Ltd.

Dear sir,

With reference to your letter and interview conducted on 26/07/2019 following students groups are selected from your esteemed institute. These students will be guided to develop our in-house projects . The required resources will be provided by company. It is requested to you during their project slot and on Saturday make them free to come to company for project work.

Selected Students are

Group1: 1) Falshruti Balsaraf 2)Bhagyashri Doye 3)Shweta Viskhede 4)Karishma Dhabale

2) Sapna Wase

Group2: 1) Alisha Raut 2) Sanket Dhame 3) Kaushik Khadgi 4) Mamta Kalwade 5) Mrunali Vaidya

Group3: 1) Atusha Nahatkar 2)Vaishnavi Choudhary 3) Harshal Chauke 4) Piyush Shirsat

5) Ashutoh Parate

Group4: 1) Kunal Hedao 2) Himanshu Bhoyar 3) Subhodh Gaikwad

Thank you very much for your co operation and co ordination.

Regards

M.D. Bharati

9552811938

MDB Electrosoft Pvt. Ltd.

M.Bharati

Director



[www.mdbelectrosoft.in](http://www.mdbelectrosoft.in)

[mdbelectrosoft@gmail.com](mailto:mdbelectrosoft@gmail.com)

Cont. :- 9604922180,9552811938

**Fwd: Connect with Work - PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, Nagpur.**

1 message

Dr. Pravin Palkar <tp.pbcoe@gmail.com>  
To: Archana Chaudhari <arcbce@gmail.com>

Mon, Oct 30, 2023 at 12:23 PM

**Dr. Pravin M. Palkar****Training and Placement Officer**

Priyadarshini Bhagwati College Of Engineering, Nagpur

Mob:9421718060

**PRIYADARSHINI GROUP OF INSTITUTIONS**

(Engineering,Architecture, Aeronotics Engg,Management,Pharma,Polytechnic,ITI,School, Jr. Colleges, Physical Education)

Please do not print this email unless absolutely necessary.We encourage environmental awareness.

----- Forwarded message -----

From: **Soniya Patil** <soniyap@my-rubicon.com>

Date: Thu, Nov 7, 2019 at 3:08 PM

Subject: Connect with Work - PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, Nagpur.

To: &lt;tp.pbcoe@gmail.com&gt;

Cc: Sruchi Mench &lt;sruchim@my-rubicon.com&gt;, Dipika Patil &lt;dipikap@my-rubicon.com&gt;

Respected Sir,

**Greetings from Rubicon!**

It is my pleasure to introduce **Rubicon**; **Rubicon** was incepted with a dream of a world where every youth has the power to transform lives for themselves and others around them. We strongly believe that every youth has the potential to make a difference in their personal lives as well as the community around them. We build competencies, which would help youth seek careers and prosper in their career of choice. We bring excitement into learning by developing and harnessing, their curiosity and intrinsic motivation for learning.

**Rubicon's "Connect with Work" Program**, supported by Barclays aims at improving the employability skills of the youth. This initiative is supported by Barclays. Under this program, students will be trained by Corporate Trainers to enhance their Life skills which would help them significantly to increase their chance of succeeding in a job interview. This program is being launched with limited no of colleges in India.

**We are looking forward to partner with your institute and plan to run the below initiatives:**

1. 24 hrs. classroom training on Interview Skills ( Details mentioned below)
2. Industry visit of students to various organizations.
3. Post Placement Mentoring and Career Counselling for one year.

In Life Skills training, we will be covering the below topics:

1. Organizational Structure
2. Public Speaking
3. Presentation Skills
4. E-mail Etiquette
5. Grooming
6. Group Discussion
7. Personal Interview

8. Assessment will be conducted on Group Discussion and Personal Interview.

**Note:** We would like to clarify that neither the student nor the college is required to pay anything for this program.

Regards,

**Soniya Patil**

**Rubicon Specialist Institutional Business**


8390477057

Rubicon Skill Development Pvt Ltd.

"We dream of a world where every youth has the power to transform lives for themselves and others"


<https://www.facebook.com/RSDFolks/>

**Note:** Information included in this email is reserved to named addressee's eyes only. If you have received it by mistake, please inform us by an email reply and then delete the message. You may not share this message or any of its attachments to anyone without the written consent of the sender. Disclosing, distributing or taking any action related to the contents of the information & the attachments is strictly prohibited. Please note that as the recipient, it is your responsibility to check the email for malicious software. Finally, the opinions disclosed by the sender do not have to reflect those of the company, therefore the company refuses to take any liability for the damage caused by the content of this email.

 **Training Outline.docx**  
54K



**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



**Principal**  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

---

Rubicon Training Outline

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New Hire Training/ Personality Development/ Employability Skills			
Sr. No.	Topic	Learning Objectives	Duration
1	Expectation setting	To learn Industry expectations from fresher's	1
2	Ice breaking	To know more about the trainer & candidates	1
3	Organizational Structure	To learn Organizational structure	2
4	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat	2
5	Corporate Jargons	To learn most commonly used words In corporates	1
6	Public Speaking	To eliminate stage fear	2
7	Presentation Skills	To articulate your thoughts through Power point presentation	2
8	E-mail Etiquette	To learn E-mail writing skills	2
9	Grooming	Dress to impress/ Proximity/ Personal hygiene/	2
10	Body language	To learn positive body language	1
11	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics	2
12	Group Discussion	To access candidates' public speaking skills	2
13	Personal Interview	To perform well during interviews	4
Total			24 hrs.

*AC Chaudhari*

**IQAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

*F RA*

**Principal**  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

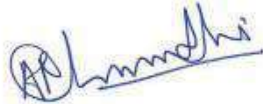
# PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR

## TRAINING AND PLACEMENT CELL

Rubicon certificate is presented to following **70 students** for successfully participating in Online Training Session from 11 October 2022 to 20 October 2022 on “Employability Skills” under “LifeSkills” programme organized by Rubicon in collaboration with Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra.

SR.NO	NAMES
1.	Harshal Sawatkar
2.	Sanskruti Tiwari
3.	Yashashree Vijay Bhude
4.	Aarya Jain
5.	Shivam Lonare
6.	Vikrant A. Thetmale
7.	Sayali A. Bobhate
8.	Dipanshu Bisen
9.	Tanishka Dubey
10.	Satish Bramhankar
11.	Arpit Nandanwar
12.	Abhishek Chaure
13.	Sagar Dhobale
14.	Sachin Shyamrao Borkar
15.	Himanshu Ambule
16.	Pranay Wasnik
17.	Harshal Padole
18.	Nishant Doye
19.	Ketan Shrawanji Hedau
20.	Jayesh Tamshetwar
21.	Ankita Arun Godbole
22.	Anchal Paunikar
23.	Sagar Kailas Thakre
24.	Sourabh Jagdish
25.	Akanksha Sudhakar
26.	Rushikesh Bedre
27.	Pooja Chikate
28.	Rajat Parate
29.	Mitanshu Ganesh Dhapodkar
30.	Tejas Shende
31.	Pratham Sunil Bagmare
32.	Muskan Pravin Mohmood Ali
33.	Nupur Badwaik
34.	Prachi Sahu
35.	Akanksha Sanjay

36.	Om Bawankar
37.	Tanaya Harish Agre
38.	Akshat Dhurve
39.	Sumit Badhe
40.	Akash M. Doifode
41.	Nikunj Rajkumar
42.	Juhi Mohan Chavhan
43.	Bhavana Devidas Jotwani
44.	Savari Raju Karrewar
45.	Aabha N. Yerpude
46.	Ritik M. Kakade
47.	Prajwal Wankhede
48.	Sagar D. Lende
49.	Pradnya Khobragade
50.	Shivani Choudhary
51.	Shivani Harde
52.	Yash Patil
53.	Himanshu Mankar
54.	Neha Ravindra Sahare
55.	Shraddha Dnyaneshwar Khonde
56.	Pooja Giridhar Thakare
57.	Tanmoyee Sikder
58.	Sahil Sunil Dukare
59.	Harshal Chute
60.	Harish Dharaskar
61.	Abhijeet Somkuwar
62.	Chaitanya Dhande
63.	Tanushree S. Dhabekar
64.	Pratay Singh
65.	Shivani Ashok Pandiya
66.	Aachal Jambhale
67.	Kanak D. Wase
68.	Gaurav Pradeepkumar Deshbhratar
69.	Sai Prudhviraaju Ponnamanda
70.	Aashay Gajbiye



Dr. (Mrs.) A. R. Chaudhari  
Dean Academics & IQAC Coordinator

**IOAC Coordinator**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Dr. N. K. Choudhari  
Principal

**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Harshal Sawatkar*

---

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on "Employability Skills" under "LifeSkills" programme organized by Rubicon  
in collaboration with Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra.*

A handwritten signature in black ink, reading "Dhanya", written over a horizontal line.

*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Sanskruti Tiwari*

---

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*Dhanya Narayanan*

Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Yashashree Vijay Bhude*

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Chief Operating Officer



# CERTIFICATE

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*Aarya Jain*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Shivam Lonare*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Vikrant A Thetmale*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Sayali A. Bobhate*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Dipanshu Bisen*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Tanishka Dubey*

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Chief Operating Officer





# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Satish Bramhankar*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Arpit Nandanwar*

*For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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THE CERTIFICATE IS PRESENTED TO:

*Abhishek Chaure*

---

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THE CERTIFICATE IS PRESENTED TO:

*Sagar Dhobale*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Sachin Shyamrao Borkar*

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# CERTIFICATE

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*Himanshu Ambule*

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Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Pranay Wasnik*

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Chief Operating Officer





# CERTIFICATE

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*Harshal Padole*

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Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Nishant Doye*

---

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*Dhanya Narayanan*

Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Ketan Shrawanji Hedau*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Jayesh Tamshetwar*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Ankita Arun Godbole*

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Chief Operating Officer



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*Aarya Jain*

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*Dhanya Narayanan*

Chief Operating Officer



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*Anchal Paunikar*

---

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*Dhanya Narayanan*

Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Sagar Kailas Thakre*

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Sourabh Jagdish*

*For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Akanksha Sudhakar*

*For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Rushikesh Bedre*

---

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*Dhanya Narayanan*

Chief Operating Officer



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THE CERTIFICATE IS PRESENTED TO:

*Pooja Chikate*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Rajat Parate*

---

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in collaboration with Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra.*

A handwritten signature in black ink, reading "Dhanya", written over a horizontal line.

*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Mitanshu Ganesh Dhapodkar*

For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Tejas Shende*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Pratham Sunil Bagmare*

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

Muskan Parvin Mahmood Ali

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Nupur Badwaik*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Prachi Sahu*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Akanksha Sanjay*

*For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Om Bawankar*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Tanaya Harish Agre*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Akshat Dhurve*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Sumit Badhe*

---

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Akash M Doifode*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Nikunj Rajkumar*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Juhi Mohan Chauhan*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Bhavana Devidas Jotwani*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Savari Raju Kurrewar*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Aabha N Yerpude*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Ritik M Kakade*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Prajwal Wankhede*

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Sagar D Lende*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Pradnya Khobragade*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Shivani Chaudhary*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Shivani Harde*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Yash Patil*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Himanshu Mankar*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Neha Ravindra Sahare*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Shraddha Dnyaneshwar Khonde*

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Pooja Giridhar Thakare*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Tannoyee Sikder*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Sahil Sunil Dukare*

---

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Harshal Chute*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Harish Dharaskar*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Abhijeet Somkuwar*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Chaitanya Dhande*

*For successfully participating in Online Training Session from 11<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022  
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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Tanushree S. Dhabeekar*

---

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*Dhanya Narayanan*

Chief Operating Officer





# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Pratay Singh*

---

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

— OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Shivani Ashok Pandiya*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Aachal Jambhale*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Kanak D Wase*

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*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

Gaurav Pradeepkumar Deshbhratar

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Sai Prudhviraju Ponnamanda*

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Chief Operating Officer



# CERTIFICATE

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THE CERTIFICATE IS PRESENTED TO:

*Alshay Gajbhiye*

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*Dhanya Narayanan*

Chief Operating Officer

**MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**



**MAHARASHTRA CENTER FOR ENTREPRENEURSHIP  
DEVELOPMENT, (MCEED)  
(AN AUTONOMOUS SOCIETY WORKING UNDER  
DIRECTORATE OF INDUSTRIES, GOVERNMENT OF  
MAHARASHTRA)  
A-38, MIDC AREA, NEAR RAILWAY STATION, AURANGABAD**

**&**





**PRIYADARSHINI BHAGWATI COLLEGE OF  
ENGINEERING  
HARPUR NAGAR, UMRER ROAD, NEAR BADA TAJ BAGH,  
DIST: NAGPUR- 440024  
(MAHARASHTRA, INDIA)**


**FOR  
ENTREPRENEURSHIP TRAININGS & RESEARCH**




MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT –MCED CENTRE, HINGNA, NAGPUR	<b>Priyadarshini Bhagwati College Of Engineering.</b>
P-134,U BLOCK,BELECTRONIC ZONE CHOWK, MIDC HINGNA, BEHIND DMLT COLLEGE, HINGNA ROAD, NAGPUR	<b>Harpur Nagar, Umrer Road, Near Bada, Taj Bagh, Nagpur, Maharashtra 440024</b>
Contact Details SHRIKANT KULKARNI 9403078760 ,07104242955	<b>Phone: +91-9823273864 +91-9823285684</b>
E-mails: nagpursubcentrepomced@gmail.com	<b>E-mails: principalpbcoe@gmail.com</b>
Web: <a href="http://www.mced.in">www.mced.in</a>	<b>Web: <a href="http://www.pbcoe.edu.in">www.pbcoe.edu.in</a></b>

Witness 1:   
 PARAG MARKANDAY  
 PROGRAM ORGANISER  
 MCED NAGPUR  
 MOB:- 8329260837, 9923023409

Witness 2:   
 JEETENDRA CHOURE  
 PROGRAM ORGANISER  
 MCED, NAGPUR  
 MOB:- 9604418415

Witness 3:   
 Mr. Suhas Kafe.  
 ED cell Incharge.  
 P.B.C.O.E, Nagpur.  
 MOB: 8766942483

Witness 4:   
 Mr. Shailendra Daf  
 III Cell Incharge  
 P.B.C.O.E, Nagpur  
 MOB:-9665087710





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
*NAAC Accredited*



## Department of Mechanical Engineering

PBCOE/ME/2018-19/014

Date:- 01/02/2019

### NOTICE

All the students of mechanical are hereby informed that Mechanical Department has organized Seminar on “**Government Incentives and Roadmap to Start Business**” by Mr. J. Choure, Program Officer, MCED, Nagpur. The session will be conducted on **04<sup>th</sup> February 2019** during 2:00 pm to 3:30 pm in the Seminar Hall (Fourth Floor). Students from mechanical are encouraged to take benefit of this seminar.

Mr. S. M. Pimpalgaonkar  
H.O.D (Mech)

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**




## Department of Mechanical Engineering

Academic session 2018-19

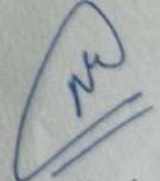
### Seminar Report on "Government Incentives and Roadmap to Start Business"

1. Event Title : Seminar on "Government Incentives and Roadmap to Start Business"
2. Event Date and time : 04th February 2019 at 2:00 pm to 3:30 pm
3. Event venue : Seminar Hall (Fourth Floor)
4. Event resource person : Mr. J. Choure, Program Officer, MCED, Nagpur.
5. Name of Event Coordinator : Mr. S.P.Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 152
7. Objective : To educate aspiring entrepreneurs and business owners about the various incentives, support programs, and steps required to successfully initiate and grow a business. The seminar aims to provide a comprehensive understanding of government policies and strategies for navigating the startup landscape.
8. Outcome : The seminar aims to empower participants with the knowledge and tools to take advantage of government incentives and effectively navigate the startup landscape. Attendees will be better equipped to turn their business ideas into reality, armed with a roadmap for success and an understanding of the resources available to support their entrepreneurial journey.



  
Mr. S.P. Daf  
Event Incharge

  
Mr. S. M. Pimpalgaonkar  
Head  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of E...  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
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**Department of Mechanical Engineering**  
**Academic session 2018-19**

**Attendance Sheet**

Name of Event: Seminar on "Government Incentives and Roadmap to Start Business"

Date of Event: 04<sup>th</sup> February 2019

Sr. No.	Name of Students	Sem	Signature
1	AKSHAY DILIP WANJARI	VII- B	Akshay
2	BADAL SHANKAR HATE	VII- B	Badal
3	DHIRAJ LOKRAS KHANDAGADE	VII- B	Dhiraj
4	DHIRAJ SHIVNATH PETHE	VII- B	Dhiraj
5	DINESH VIJAY KAMLE	VII- B	Dinesh
6	DIXIT AMRUT WAGHDHARE	VII- B	Dixit
7	DURWANKUR NIKODE	VII- B	Durwankur
8	GAURAV DINKAR SHINGANJUDE	VII- B	Gaurav
9	HARSHAD JAIRAM DORLE	VII- B	Harshad
10	HEMANT PRADEEP PAUNIKAR	VII- B	Hemant
11	HIMANSHU BHAYYAJI KAMBLE	VII- B	Himanshu
12	HIMANSHU SHINDE	VII- B	Himanshu
13	HITESH SURESHRAO BHUDE	VII- B	Hitesh
14	KAUSTUBH ANIL CHANNE	VII- B	Kaustubh
15	KRUNAL RAJU BHANDEKAR	VII- B	Krunal
16	LALIT SONEKAR	VII- B	Lalit
17	MANGESH MOHAN GADGE	VII- B	Mangesh
18	MAYUR BANARAS SAHU	VII- B	Mayur
19	MAYUR KISHOR ZADE	VII- B	Mayur
20	NIKHIL DILIP MASURKAR	VII- B	Nikhil
21	NINAD MOTIRAM CHOUDHARI	VII- B	Ninad
22	NISARG PRAKASH KADU	VII- B	Nisarg
23	NITIN VITTHALRAO RANE	VII- B	Nitin
24	PANKAJ CHANDRAMANJI ALONE	VII- B	Pankaj
25	PANKAJ PRAFUL DESHPANDE	VII- B	Pankaj
26	PIYUSH DHANRAJ BHUTE	VII- B	Piyush
27	PIYUSH UMASHANKAR SOMNATHE	VII- B	Piyush
28	PRANAY BALKRUSHNA KOCHER	VII- B	Pranay
29	PRANAY TEKCHAND PATIL	VII- B	Pranay
30	PRANJAL GAJBHIYE	VII- B	Pranjali
37	RAHUL DNYANESHWARJI WATH	VII- B	Rahul
38	RAHUL PUNJARAM AGLAWE	VII- B	Rahul
39	RAHUL VASANTLALA SHAHU	VII- B	Rahul
40	RAJAT RAVINDRA TITARMARE	VII- B	Rajat

**Head**  
Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



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**Department of Mechanical Engineering**  
**Academic session 2018-19**

**Attendance Sheet**

Name of Event: Seminar on "Government Incentives and Roadmap to Start Business"  
Date of Event: 04<sup>th</sup> February 2019

41	RAVI VINAY GUPTA	VII- B	Ravi Gupta
42	RISHABH DILIP PELNE	VII- B	Rishabh Pelne
43	RISHABH MAROTRAO SHRIRAME	VII- B	Rishabh Shrirame
44	ROHAN MAHESH NARANJE	VII- B	Rohan Naranje
45	ROHIT CHHATRAPAL GAJBHIYE	VII- B	Rohit Gajbhiye
46	ROSHAN ASHOK RAHATE	VII- B	Roshan Rahate
47	RUSHABH DILIP BAHADURE	VII- B	Rushabh Bahadure
48	SAGAR NAMDEV GURNULE	VII- B	Sagar Gurnule
49	SAMEER ANIL BAKADE	VII- B	Sameer Bakade
50	SANDIP NARESH PUSTODE	VII- B	Sandip Pustode
51	SANKET RUCHAND CHATAP	VII- B	Sanket Chatap
52	SANKET SHRIDHAR VAIRAGADE	VII- B	Sanket Vairagade
53	SARVESH SUBHASHRAO MANKAR	VII- B	Sarvesh Mankar
54	SAURABH AJAY RATHI	VII- B	Saurabh Rathi
55	SAURABH ASHOK GABHANE	VII- B	Saurabh Gabhane
56	SAVINAY WALDE	VII- B	Savinay Walde
57	SHUBHAM CHANDRAPAL PEKDE	VII- B	Shubham Pekde
58	SHUBHAM BAWANKAR	VII- B	Shubham Bawankar
59	SHUBHAM SHAMBHARKAR	VII- B	Shubham Shambharkar
60	SUMIT SATYAVIJAY PIMPALKAR	VII- B	Sumit Pimpalkar
61	SWAPNIL MANOHAR BANKAR	VII- B	Swapnil Bankar
62	SWAPNIL TULSIDAS BANTE	VII- B	Swapnil Bante
63	VAIBHAV KAILASH CHOUDHARI	VII- B	Vaibhav Choudhari
64	VAIBHAV PARATE	VII- B	Vaibhav Parate
65	VAISHNAV ASHOK BORKAR	VII- B	Vaishnav Borkar
66	VIKRANT CHANDRASHEKHAR DEOTALE	VII- B	Vikrant Deotale
67	VISHAL GAJANANRAO BHANGE	VII- B	Vishal Bhangde
68	VISHAL MANKAR	VII- B	Vishal Mankar
69	VRUSHABH SANJAY CHAHANDE	VII- B	Vrushabh Chahande

  
Head

Mechanical Engg. Deptt.  
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**Department of Mechanical Engineering**  
**Academic session 2018-19**

**Attendance Sheet**

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Date of Event: 04<sup>th</sup> February 2019

Sr. No.	Name of Students	Sem	Signature
1	HARSHA HOMRAJ POUNIKAR	VI-A	H N Poun
2	KOMAL LALCHAND WAGH	VI-A	Kom
3	MRUNALI ARVIND GHUMADE	VI-A	—
4	AAMIR SALAM SHEIKH	VI-A	Aamir
5	ADITYA RAVINDRA PATIL	VI-A	—
6	ADITYA VIJAY INGALE	VI-A	Aditya
7	AJAY MANOHAR MOUNDEKAR	VI-A	Ajay
8	AJINKYA SANJAY INGOLE	VI-A	Ajinkya
9	AKASH ASHOK WANJARI	VI-A	Akash
10	AKASH DIGAMBAR GOSWAMI	VI-A	Akash
11	AKHILESH RAJESH SAMUDRE	VI-A	—
12	AKSHAY GOPAL MALODE	VI-A	Akshay
13	AKSHAY HARNE	VI-A	Akshay
14	AKSHAY RAMLAL YADAV	VI-A	—
15	AKSHAY SANDEEP NAGARKAR	VI-A	Akshay
16	AKSHAY SANJAY THUBRIKAR	VI-A	—
17	AMAAN MUSHTAQUE SHEIKH	VI-A	AMAAN
18	AMAN GANESH DHANVIJAY	VI-A	—
19	AMOL VIJAY SHENDE	VI-A	Amol
20	ANIKET ASHOK KAMDI	VI-A	Aniket
21	ANKIT JITENDRA GIRI	VI-A	—
22	ARPIL DEVIDAS PATIL	VI-A	Arpil
23	ARPIT SANDIP BAWANE	VI-A	Arpit
24	ASHIRWAD AKARE	VI-A	Ashirwad
25	ASHISH SHEKHARRAO KAHILKAR	VI-A	—
26	ATUL TATOBAJI GEDAM	VI-A	Atul
27	CHARUL SURESH KORVEKAR	VI-A	—
28	GAURAV DILIP MALEWAR	VI-A	Gaurav
29	GAURAV PRADIP VAIDYA	VI-A	Gaurav
30	HARISH RAVINDRA BAWANE	VI-A	Harish
31	HARSHAL NASHIKRAO MATE	VI-A	Harshal
32	HEMANT GAJANAN VAIDYA	VI-A	Hemant
33	HEMANT SHRAWAN NANDURKAR	VI-A	Hemant

  
Head

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## Department of Mechanical Engineering

Academic session 2018-19

### Attendance Sheet

Name of Event: Seminar on "Government Incentives and Roadmap to Start Business"

Date of Event: 04<sup>th</sup> February 2019

34	HIMANSHU VIJAYRAO FATING	VI-A	Himanshu
35	HIMANSHU VINOD KALE	VI-A	Himanshu
36	HITESH MADAN PELNE	VI-A	Hitesh
37	IANDRAJIT ANANDRAO THAKARE	VI-A	IANDRAJIT
38	KAMALDEO KESHAV AKARE	VI-A	Kamaldeo
39	KARAN VILAS KANEKAR	VI-A	Kartik
40	KARTIK KISHOR PELNE	VI-A	Kartik
41	KARTIK RAMESHWAR JADHAV	VI-A	Kartik
42	KIRAN RAJESH DALAL	VI-A	Kirank
43	KRISHNA ARVIND SINGH	VI-A	Krishna
44	KRUNAL KESHAVRAO BARDE	VI-A	Krunal
45	KUNAL GOPAL SHRIKHANDE	VI-A	Kunal
46	MAYUR SHANTANU NANDANWAR	VI-A	Mayur
47	MAYUR KHUMBHARE	VI-A	Mayur
48	MOHIT NAMDEO KUMBHARE	VI-A	M. Kumbhare
49	MRUDAL UPASRAO KHOBRADE	VI-A	Mrudal
50	MRUNAL GAWANDE	VI-A	Mrunal
51	NIKHIL DEEPAK TIDKE	VI-A	Nikhil
52	PIYUSH ARUNRAO BHUTE	VI-A	Piyush
53	PRANAY KAWADUJI KANOJE	VI-A	Pranay
54	TEJAS PRADEEP FULZELE	VI-A	Tejas
55	UJWAL OMPRAKASH THAKARE	VI-A	Ujwal
56	VAIBHAV GOVINDA RINAIT	VI-A	Vaibhav
57	LAXMIKANT P. DEOTALE	VI-B	Laxmikant
58	GAURAV BABULKAR	VI-B	Gaurav
59	NAYAN KHUSHAL SAHARE	VI-B	Nayan
60	NIHAL NARESH GAJBHIYE	VI-B	Nihal
61	NIKHIL SUBHASH DANGRE	VI-B	Nikhil
62	NISHIKET BALAJI BADWAIK	VI-B	Nishiket
63	PARIKSHIT RAJENDRA GHUTAKE	VI-B	Parikshit
64	PRADIP MADHUKAR HEDA00	VI-B	Pradip
65	PRAJWAL NAMDEORAO ZAMARE	VI-B	Prajwal
67	PRAKASH PAWAR	VI-B	Prakash
68	PRANAY DIGAMBAR MUDE	VI-B	Pranay

  
Head

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**Department of Mechanical Engineering**  
Academic session 2018-19

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Date of Event: 04<sup>th</sup> February 2019

69	PRATIK ABASAHEB MULWANDE	VI-B	
70	PRATIK RAJENDRA GAIBHIYE	VI-B	Pratik
71	PRATIK VILASRAO BHAGAT	VI-B	
72	PRAVIN VISHWANATH ASWAR	VI-B	Pravin
73	PRIT MILIND KADWE	VI-B	Prit
74	PRITAM BHAKTARAJ HARGODE	VI-B	
75	RAHUL H. KHUSHWAH	VI-B	Rahul
76	RAJ SHAILESH FADNAIK	VI-B	Raj
77	RAJAT RAMESH BILASE	VI-B	Rajat
78	RAMESH MOHAN SABLE	VI-B	Ramesh
79	RATAN MEHILAL GUPTA	VI-B	Ratan
80	RISHABH RAJU BARVE	VI-B	Rishabh
81	ROSHAN PRAKASHRAO KOTHE	VI-B	Roshan
82	SACHIN WAMAN BAWANE	VI-B	Sachin
83	SAMIR S. CHACHERKAR	VI-B	Samir
84	SAURABH DEVRAO BANSOD	VI-B	Saurabh
85	SAURABH RAJENDRA GILLARKAR	VI-B	Saurabh
86	SHASHANK ASHOK BHOYAR	VI-B	Shashank
87	SHUBHAM D. KAWADKAR	VI-B	Shubham
88	SHUBHAS K. BAGHEL	VI-B	Shubhas
89	SUDHANSHU ARUN MENDEWAR	VI-B	Sudhanshu
90	SUMEET SATISH THOSAR	VI-B	Sumeet
91	SUNIL RATNAKAR KATWALE	VI-B	Sunil
92	SWAPNIL VINAYAK PARATE	VI-B	Swapnil
93	SWARAJ NARAYAN WADHAI	VI-B	Swaraj
94	TRUSHANT TARACHAND JAGDISH	VI-B	Trushant
95	TUSHAR PRABHAKAR SAPATE	VI-B	Tushar
96	TUSHAR SHANKAR KALE	VI-B	Tushar
97	VAIBHAV ANAD KUHIKAR	VI-B	Vaibhav
98	VAIBHAV DEORAO WADIBHASME	VI-B	Vaibhav
99	VAIBHAV DNYANESHWAR BAGDE	VI-B	Vaibhav
100	VASANT WAMAN MOWADE	VI-B	Vasant
101	VIJAY PANDURANGJI WAGHMARE	VI-B	Vijay
102	VIRENDRA RAMCHANDRA MEHAR	VI-B	Virendra
103	VRUSHABH AJAY BHURLE	VI-B	Vrushabh
104	YOGESH RAJU DEKATE	VI-B	Yogesh

  
Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



## Achievements :-

1. Best Entrepreneur for Corporate Training in India
2. Individual Professional at 2nd Annual Global Nagpur Summit
3. Member of NetBeans Dream Team
4. Developed Android Certification Module for UK
5. Certified Team with Years of experience



**KLOUDS ANCYBER**  
—TECHNOLOGIES PVT. LTD.—

This agreement (MOU) made and entered into on **29<sup>th</sup> day of March 2017**  
**BETWEEN**

**KLOUDS ANCYBER TECHNOLOGIES PRIVATE LIMITED**(hereinafter called KATPL)  
with its Head Office at  
First Floor,Dhage Plaza, Opp. Gavane Hospital,  
Aundh-Ravet Road, Near Dange Chowk, Laxman Nagar,  
Pune - 411033Maharashtra (India)  
Website :<http://ancyber.com>  
Email :[connect@ancyber.com](mailto:connect@ancyber.com)  
Contact No. 020-6050-5656, +91-976-621-0353

**&**

### **DEPARTMENT OF INFORMATION TECHNOLOGY**

**Priyadarshini Bhagwati College of Engineering, Nagpur** (hereinafter called PBCOE)  
Harpur Nagar,Umrer Road, Nagpur-440024, Maharashtra, India  
Website: <http://www.bcce.ltjss.net>

### **1. OBJECTIVES OF THE MOU**

The objective of this Memorandum of Understanding is:

- To promote interaction between **PBCOE** and **KATPL** in mutually beneficial areas.
- To provide a formal basis for initiating interaction between **PBCOE** and **KATPL**.

### **2. PROPOSED MODES OF COLLABORATION**

**Dept. of IT , PBCOE** and **KATPL** propose to collaborate through

- a. Sponsoring student projects / fellowships / internships of engineering degree programs at Dept. of IT, **PBCOE**, Nagpur.
- b. Conducting various training programs for students of Dept. of IT, **PBCOE**.
- c. Conducting Workshops and Seminars on latest and cutting edge technologies for students of Dept. of IT, **PBCOE**.
- d. Training of **PBCOE** personnel / Faculty Development Program through various training programs conducted by **KATPL** in areas of interest to PBCOE.
- e. Assist students of Dept. of IT, **PBCOE** in Campus Recruitment Process and provide training for the same.
- f. Any other appropriate mode of interaction agreed upon between Dept. of IT, PBCOE and **KATPL**.

Each of the above modes of interaction will be initiated by entering into a separate agreement between the two parties.



termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Training Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

### 8. RELATIONSHIP

Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

### 9. COSTS OF THE MOU

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

### 10. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of KATPL, Pune

By

  
Name: Aatul Palandurkar  
Title: Director, KATPL, Pune

Witness:


1. Bhagyashree Palandurkar  
Director - KATPL

Date: 29/03/2017


On behalf of PBCOE, Nagpur

By

  
Principal  
Dr. Nifin K. Chaudhari  
Principal, PBCOE, Nagpur

  
Prof. Dr. (Mrs.) A.R. Chaudhari  
Dean, Academics, PBCOE, Nagpur  
By

  
1. Name: Mr. M.S. Chaudhari  
Title: HOD, Department of IT, Nagpur  
Witness:

  
2. Mr. K.N. Hande  
HOD, CSE Department, PBCOE, Nagpur

## Achievements :-

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2. Individual Professional at 2nd Annual Global Nagpur Summit
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Website : <http://ancyber.com>  
Email : [connect@ancyber.com](mailto:connect@ancyber.com)  
Contact No. 020-6050-5656, +91-976-621-0353

**&**

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

**Priyadarshini Bhagwati College of Engineering, Nagpur** (hereinafter called PBCOE)

Harpur Nagar, Umrer Road, Nagpur-440024, Maharashtra, India  
Website: <http://www.bcce.ltjss.net>

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**On behalf of KATPL, Pune**

By

Name: Aatul Palandurkar

Title: Director, KATPL, Pune

Witness:

1. Bhagyashree Palandurkar  
Director - KATPL

Date: 29/03/2017

**On behalf of PBCOE, Nagpur**

By

Name: Dr. Nitin K. Choudhari

Title: Principal, PBCOE, Nagpur

Prof. Dr. (Mrs.) A.R. Chaudhari

Dean, Academics, PBCOE, Nagpur

By

Name: Prof. K.N. Hande

Title: HOD, Department of CSE, Nagpur

Witness:

1. Mr. M.S. Chaudhari  
HOD, IT Department, PBCOE, Nagpur

Date: 29/03/2017

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Contact No. 020-6050-5656, +91-976-621-0353

**&**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Priyadarshini Bhagwati College of Engineering, Nagpur** (hereinafter called PBCOE)

Harpur Nagar, Umrer Road, Nagpur-440024, Maharashtra, India

Website: <http://www.bcce.ltjss.net>

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- d. Training of **PBCOE** personnel / Faculty Development Program through various training programs conducted by **KATPL** in areas of interest to PBCOE.
- e. Assist students of Dept. of EC, **PBCOE** in Campus Recruitment Process and provide training for the same.
- f. Any other appropriate mode of interaction agreed upon between Dept. of EC, PBCOE and **KATPL**.

Each of the above modes of interaction will be initiated by entering into a separate agreement between the two parties.





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
*NAAC Accredited*



**Department of Electronics & Communication Engineering**  
**Academic session 2018-19**

---

Dr.(Ms.) D. M. Kate

Date: 22/08/2018

HOD Electronics & Communication Engg

Ref. No: PBCOE/EC 18-19/no-


**NOTICE**

All the faculty members and students of Electronics and Communication Engineering Department are hereby informed that the department is going to organize guest lecture on "**Current trends in Software Industry & Motivational Speech on Discovery of Passion**" of Mr. Atal Palanadurkar ,Director,Ancyber Pvt.Ltd,Nagpur.Nagpur.

Date: 24/08/2018

Venue: Tutorial Room,EC Department.

Time: 12.30 A.M.

  
Dr. (Ms.) D. M. Kate

**Head**

**Electronics & Communication**  
**Priyadarshini Bhagwati College of Engg.**  
Umred Road, Nagpur.

Copy to:

Principal Sir for kind information,  
Dean Academics,  
For circulation to faculty members,  
For display on notice board of Deptt.



Lokmanya Tikay Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
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**NAAC Accredited**



**Department of Electronics & Communication Engineering**  
**Academic session 2018-19**

**Report on Guest Lecture : "Current trends in Software Industry & Motivational Speech on Discovery of Passion"**

1. Event Title : **Current trends in Software Industry & Motivational Speech on Discovery of Passion**
2. Event Date : 24/08/2018
3. Event conduction duration : 1 Day
4. Event venue : Tutorial Room, EC Department.
5. Sem/Branch : 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> Semester
6. Event resource person : Mr. Atal Palanadurkar ,Director, Ancyber Pvt.Ltd, Nagpur.
- 7 Name of Event Coordinator : Prof.A.D.Landge Asst. Prof. EC Department, PBCOE Nagpur
- 8 Objective :
  1. To gain knowledge from expert person for betterment of work.
  2. To learn multiple technologies and working strategies.
  3. To learn from expert and utilize knowledge for technical growth.
7. Outcome : To gain the knowledge from expert person this study model will enhance the knowledge and work expertize of students which will be beneficial for students to upgrade their knowledge.







**Dr.D.M.Kate**  
**HOD**  
**Head**

**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**Dr. Mrs A R Chaudhari**  
**IQAC Coordinator**  
**IQAC Coordinator**

Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**Dr. N. K.Choudhari**  
**Principal**

**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**


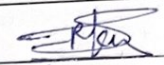

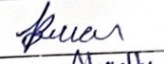

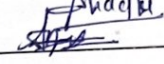
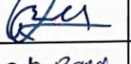
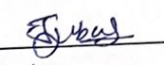
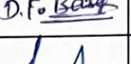
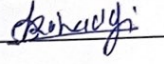
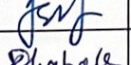
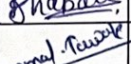
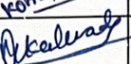
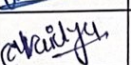
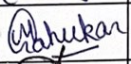

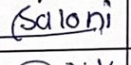
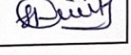
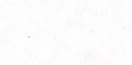
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**Department of Electronic & Communication Engineering**

Academic session 2018-19 (Odd Semester)

FIFTH SEM

Current Trends in Software Industry & Motivational Speech on Discovery of Passion

Sr.No.	Student Name	Sign	Sr. No.	Student Name	Sign
1	Alshai Bait		15	Simran R. Kubittkar	
2	Anjali Dikey		16	Kayari S. Dewcoz	
3	Arkhita J. Rahute		17	Apurva Nandke	
4	Bhagyshri Doye		18	Jayesh Barasikan	
5	Dipali Bansod		19	Kaushik K. Hadgi	
6	Fabhruti Bolaraj		20		
7	Karishma Dhabale		21		
8	Komal Pawate		22		
9	Manita Kawade		23		
10	Mrunali Vaidya		24		
11	Mrunmayee Gahukar		25		
12	Roshani Boekar		26		
13	Saloni Rote		27		
14	Shreeta Varkhede				

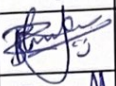


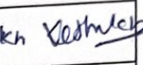
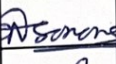
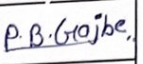
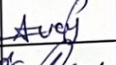
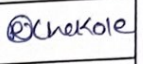

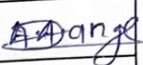
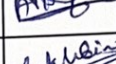
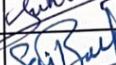
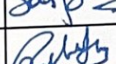
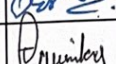
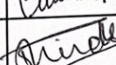
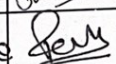

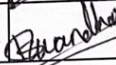

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)

**Department of Electronic & Communication Engineering**

Academic session 2018-19 (Odd Semester)

Third Semester

Current Trends in Software Industry & Motivational Speech on Discovery of Passion

SR. No.	Student Name	Sign	SR.No.	Student Name	Sign
1	Runita Bhasgari		15	Renuka Bhure	
2	Ashlesha Kamble		16	Vaishnavi Deshmukh	
3	Nikhil Sonane		17	Pratiksha Gajbe	
4	Vaibhav Bhajipale		18	Roshani Chakole	
5	SHUBHAM SAHANE		19	Ankita Dange	
6	Ankit P. Karkhanavale		20		
7	Sukbeer Singh Wane		21		
8	Sajil S. Bodhkar		22		
9	Rishabh Sadhankar		23		
10	Twinkle V. Paunikar		24		
11	Trupti G. Shinde		25		
12	Revadi U. Poddar		26		
13	Maguri Bhamkar		27		
14	Khushboo Wondhare		28		



**PRIYADARSHINI BHAGWATI  
COLLEGE OF ENGINEERING**

Formerly known as San. Bhagwati Education College of Engineering  
Bharati Vastu, San. Bhagwati Education College of Engineering  
H. No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



To,  
Mr. Atul Palandurkar  
Director, Ancyber Pvt. Ltd.  
Nagpur

**Subject:** Invitation for conduction of seminar on Current Trends in Software Industry and Motivational Speech on Discovery of Passion.

Dear Sir,  
Priyadarshini Bhagwati College of Engineering, Nagpur want to organize seminar on Current Trends in Software Industry and Motivational Speech on Discovery of Passion on 24<sup>th</sup> of August 2018.

It is our pleasure to invite you to guide our students on above topic in the premises of Priyadarshini Bhagwati College of Engineering, Nagpur.

Regards

**Dr.N.K. Choudhari**  
Principal



PRIYADARSHINI BHAGWATI  
COLLEGE OF ENGINEERING

(Formerly known as Shri. Bhagwati Chhatrapati College of Engineering)

Hajipur Nagar, Laxmi Nagar, Nagpur - 440022, Maharashtra, INDIA  
Tel: +91 712 2721201, 2721202, 2721203, 2721204, 2721205  
E-mail: principal@priyadarshini.ac.in, www.priyadarshini.ac.in



To,  
Mr. Atul Palandurkar  
Director, Ancyber Pvt. Ltd.  
Nagpur

*Thanks Letter*

We express our deep sense of gratitude for conduction of seminar on "**Current Trends in Software Industry and Motivational Speech on Discovery of Passion**" at our institute on 24-08-2018. We are grateful to you for your cooperation.

Looking forward for your kind cooperation in future.

Regards

**Dr.N.K. Choudhari**

Principal

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**  
(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)  
**Department of Electronics and Communication Engineering**  
Academic session 2018-19

**Seminar on**

**Current Trends in Software Industry and  
Motivational Speech on Discovery of Passion**

**Date : 24 August 2018**

**Delivered By : Mr. Atul Palandurkar, Director Ancyber Pvt. Ltd. Nagpur**

**FEEDBACK FORM**

Insert Number 1,2,3,4 where correlation level are 1. Fair, 2. Good, 3. Very Good, 4. Excellent

Sr. No	Title	Feedback
1	Effective Utilization of lecture time	3
2	Expertise knowledge of faculty	2
3	To what extent your queries / doubts were answered	3
4	Exposure to new methodologies and techniques	2
5	Training objectives were met	3
6	Expectation Level Achieved	2
7	Participation and Interaction was Encouraged	4
8	The objectives of the lecture was clearly defined	4

Name of Student : *NIKHIL SONONE*

Signature : *(Signature)*



सुक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES  
MSME - TOOL ROOM AURANGABAD

इन्डो जर्मन टूल रूम, औरंगाबाद.  
INDO GERMAN TOOL ROOM, AURANGABAD

भारत सरकार की सोसायटी  
सुक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Society

Ministry of Micro, Small & Medium Enterprises  
Minutes of Meeting Held Between IGTR, Aurangabad and

Priyadarshini Bhagwati college of Engineering, Nagpur on Friday, May 19, 2017



Date: Friday, May 19, 2017

Priyadarshini Bhagwati college of Engineering, Nagpur in association with Indo German Tool Room, Aurangabad would like to conduct following training program for imparting technical training to the students of Degree/Diploma in Mechanical/Automobile/Electrical/Electronics/civil Engineering, during 2017-18. The primary objective of the training program is to upgrade the skills & Knowledge of the Degree/ Diploma students during their studies from 2<sup>nd</sup> to 4<sup>th</sup> Years in the area of CAD, CAM, CAE, TOOL DESIGN & AUTOMATION. This program will be executed impartially imparting quality education & conducting necessary examinations. Successful trainees will be awarded certificates. The proposed training programs are as follows:

SUBJECT	TOPICS	COURSE DURATION (Hrs.)	COURSE FEE (Rs.)	IGTR SHARE (Rs.) 80%	COLLEGE SHARE (Rs.) 20%
BASIC AUTOCAD	<ul style="list-style-type: none"> <li>▪ INTRODUCTION TO AUTOCAD</li> <li>▪ DRAW TOOLBAR</li> <li>▪ MODIFY TOOLBAR</li> <li>▪ DIMENSIONS TOOLBAR</li> <li>▪ INSERT TOOLBAR</li> <li>▪ FORMAT TOOLBAR</li> <li>▪ VIEW TOOLBAR</li> <li>▪ EDIT TOOLBAR</li> <li>▪ PARAMETRIC TOOLBAR</li> <li>▪ EXPRESS TOOLBAR</li> <li>▪ SOLID MODELING</li> <li>▪ EXERCISES</li> </ul>	36 HRS	2250/-	1800/-	450/-
AUTOCAD	<ul style="list-style-type: none"> <li>▪ INTRODUCTION TO AUTOCAD</li> <li>▪ DRAW TOOLBAR</li> <li>▪ MODIFY TOOLBAR</li> <li>▪ DIMENSIONS TOOLBAR</li> <li>▪ INSERT TOOLBAR</li> <li>▪ FORMAT TOOLBAR</li> <li>▪ VIEW TOOLBAR</li> <li>▪ EDIT TOOLBAR</li> <li>▪ PARAMETRIC TOOLBAR</li> <li>▪ EXPRESS TOOLBAR</li> <li>▪ SOLID MODELING</li> <li>▪ EXERCISES</li> </ul>	72 HRS	4500/-	3600/-	900/-
BASIC CNC PROG. (LATHE/MILLING ANY ONE)	<ul style="list-style-type: none"> <li>▪ INTRODUCTION TO CNC TECHNOLOGY</li> <li>▪ GEOMETRICAL BASICS FOR CNC MACHINES</li> <li>▪ TECHNOLOGICAL BASICS FOR CNC MACHINES</li> <li>▪ INTRODUCTION TO G CODES AND M CODES</li> <li>▪ INTRODUCTION TO NC PROGRAMMING</li> <li>▪ CNC PROGRAMMING (MANUAL &amp; CYCLE)</li> <li>▪ EXERCISES</li> </ul>	36 HRS	3250/-	2600/-	650/-
CNC PROG. (LATHE/MILLING ANY ONE)	<ul style="list-style-type: none"> <li>▪ INTRODUCTION TO CNC TECHNOLOGY</li> <li>▪ GEOMETRICAL BASICS FOR CNC MACHINES</li> <li>▪ TECHNOLOGICAL BASICS FOR CNC MACHINES</li> <li>▪ INTRODUCTION TO G CODES AND M CODES</li> <li>▪ INTRODUCTION TO NC PROGRAMMING</li> <li>▪ CNC PROGRAMMING (MANUAL &amp; CYCLE)</li> <li>▪ EXERCISES</li> </ul>	72 HRS	6500/-	5200/-	1300/-



P-31, MIDC, Chikalthana Industrial Area, AURANGABAD. 431 006 (M.S.)  
Phone : (0240) 2486832, 2482593, 2470541, 2480578 Fax : (0240) 2484028  
Gram : "IGTOOLS" E-mail : gm@igtr-aur.org Web Site : http://www.igtr-aur.org



SUBJECT	TOPICS	COURSE DURATION	COURSE FEE (Rs.)	IGTR SHARE (Rs.)	COLLEGE SHARE (Rs.)
BASIC EMBEDDED SYSTEMS	<ul style="list-style-type: none"> <li>▪ INTRODUCTION EMBEDDED SYSTEMS</li> <li>▪ BASICS OF DIGITAL ELECTRONICS</li> <li>▪ BASICS OF 'C' LANGUAGE</li> <li>▪ TEST EQUIPMENT</li> <li>▪ INTRODUCTION TO ARM7</li> <li>▪ LPC 2148 PROGRAMMING</li> <li>▪ INTERNAL PERIPHERALS OF LPC 1248</li> <li>▪ LIVE PRACTICE: ON DEMO BOARDS</li> </ul>	48 HRS	4000/-	3200/-	800/-

**The reference terms for execution of the training programme shall be as follows:**

- The orientation of the proposed training program will be theoretical as well as practical.
- The proposed intake for the above courses may vary as mentioned in chart.
- The course fee for the above courses will be reimbursed by Priyadarshini Bhagwati college of Engineering, Nagpur
- Required Hardware/software shall be provided by the Priyadarshini Bhagwati college of Engineering, Nagpur, & valid licensed software for training purpose will be provided by IGTR.
- The disbursement of the course fee to IGTR, Aurangabad will be made as 50% before the start of course & balance 50% will be paid after the successful completion of the course & declaration of the result.
- IGTR, Aurangabad, Extension Center Nagpur, will undertake the training for the above mentioned module with its own qualified faculty resources.
- The course content is attached with this leaflet.
- This MOM is valid for 24 months from the date of signature.
- The schedule can be executed as per mutually accepted criteria between IGTR and Priyadarshini Bhagwati college of Engineering, Nagpur, Any disputes arising out shall be discussed & mutually solved between IGTR & Priyadarshini Bhagwati college of Engineering, Nagpur
- IGTR & Priyadarshini Bhagwati college of Engineering, Nagpur nominates representatives from either side for coordinating & executing the training programme.

IGTR, Aurangabad


  
Manager (CAD/CAM)

  
Engineer (CAD/CAM)



Priyadarshini Bhagwati college of Engineering, Nagpur

  
Principal  
Priyadarshini Bhagwati College of Eng  
Umred Road, Nagpur.

  
Dean (Academics)





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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## Department of Mechanical Engineering

PBCOE/ME/2018-19/05

Date:- 17/08/2018

### NOTICE

All the VII<sup>th</sup> semester students of mechanical are hereby informed that Mechanical Department has organized one day Workshop on “**Design Software for Mechanical Engineers**” by Mr. Girish Hedao, Nagpur Centre Head, IGT, Nagpur. The session will be conducted on **21<sup>th</sup> August 2018** during 11:30 am onward in the CAD Lab. Students from mechanical are encouraged to take benefit of this seminar.

Mr. S. M. Pimpalgaonkar  
H.O.D (Mech)

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation



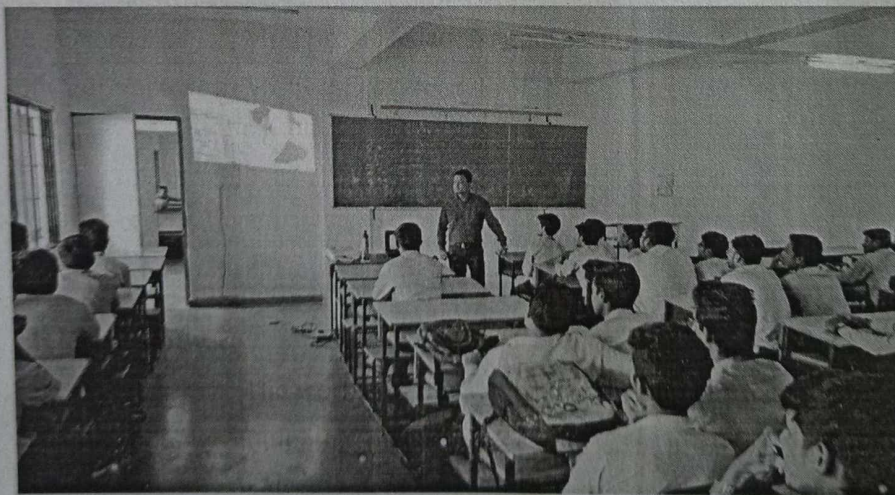
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Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
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**Department of Mechanical Engineering**  
**Academic session 2018-19**


**Workshop Report on "Design Software for Mechanical Engineers"**

1. Event Title : Workshop on "Design Software for Mechanical Engineers"
2. Event Date and time : 21<sup>th</sup> August 2018 11:30 am onward
3. Event venue : CAD Lab
4. Event resource person : Mr. Girish Hedao, Nagpur Centre Head, IGT, Nagpur.
5. Name of Event Coordinator : Mr. S.P.Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 53
7. Objective : To familiarize mechanical engineers with essential design software tools commonly used in the industry. The workshop aims to provide hands-on experience and practical knowledge, enabling participants to efficiently create, analyze, and visualize mechanical designs using relevant software.
8. Outcome : The workshop aims to bridge the gap between theoretical knowledge and practical application by equipping mechanical engineers with the skills needed to harness modern design software effectively. Participants will leave the workshop with a heightened ability to contribute to the design and development of mechanical systems, products, and solutions

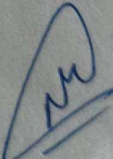


  
Mr. S.P.Daf

Event Incharge

  
Mr. S. M. Pimpalgaonkar

H.O.D. (Mech. Engg.)  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari

Principal  
Priyadarshini Bhagwati College of  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
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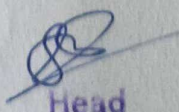
**Department of Mechanical Engineering**  
Academic session 2018-19

**Attendance Sheet**

Name of Event: Workshop on "Design Software for Mechanical Engineers"

Date of Event: 21<sup>th</sup> August 2018

Sr. No.	Name of Students	Sem	Signature
1	AKSHAY DILIP WANJARI	VII- B	Akshay
2	BADAL SHANKAR HATE	VII- B	Badal
3	DHIRAJ LOKRAS KHANDAGADE	VII- B	Dhiraj
4	DHIRAJ SHIVNATH PETHE	VII- B	Dhiraj
5	DINESH VIJAY KAMLE	VII- B	Dinesh
6	DIXIT AMRUT WAGHDHARE	VII- B	Dixit
7	DURWANKUR NIKODE	VII- B	Durwankur
8	GAURAV DINKAR SHINGANJUDE	VII- B	Gaurav
9	HARSHAD JAIRAM DORLE	VII- B	Harshad
10	HEMANT PRADEEP PAUNIKAR	VII- B	Hemant
11	HIMANSHU BHAYYAJI KAMBLE	VII- B	Himanshu
12	HIMANSHU SHINDE	VII- B	Himanshu
13	HITESH SURESHRAO BHUDE	VII- B	Hitesh
14	KAUSTUBH ANIL CHANNE	VII- B	Kaustubh
15	KRUNAL RAJU BHANDEKAR	VII- B	Krunal
16	LALIT SONEKAR	VII- B	Lalit
17	MANGESH MOHAN GADGE	VII- B	Mangesh
18	MAYUR BANARAS SAHU	VII- B	Mayur
19	MAYUR KISHOR ZADE	VII- B	Mayur
20	NIKHIL DILIP MASURKAR	VII- B	Nikhil
21	NINAD MOTIRAM CHOUDHARI	VII- B	Ninad
22	NISARG PRAKASH KADU	VII- B	Nisarg
23	NITIN VITTHALRAO RANE	VII- B	Nitin
24	PANKAJ CHANDRAMANIJI ALONE	VII- B	Pankaj
25	PANKAJ PRAFUL DESHPANDE	VII- B	Pankaj
26	PIYUSH DHANRAJ BHUTE	VII- B	Piyush
27	PIYUSH UMASHANKAR SOMNATHE	VII- B	Piyush
28	PRANAY BALKRUSHNA KOCHER	VII- B	Pranay
29	PRANAY TEKCHAND PATIL	VII- B	Pranay
30	PRANJAL GAJBHIYE	VII- B	Pranjali
37	RAHUL DNYANESHWARJI WATH	VII- B	Rahul
38	RAHUL PUNJARAM AGLAWE	VII- B	Rahul

  
Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.



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**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
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**Department of Mechanical Engineering**  
**Academic session 2018-19**

**Attendance Sheet**

Name of Event: Workshop on "Design Software for Mechanical Engineers"  
Date of Event: 21<sup>th</sup> August 2018

Sr. No.	Name of Students	Sem	Signature
39	RAHUL VASANTLALA SHAHU	VII- B	Rahulshah.
40	RAJAT RAVINDRA TITARMARE	VII- B	Rajat
41	RAVI VINAY GUPTA	VII- B	Ravi
42	RISHABH DILIP PELNE	VII- B	Rishabh
43	RISHABH MAROTRAO SHRIRAME	VII- B	R. S. Mirone
44	ROHAN MAHESH NARANJE	VII- B	Rohan
45	ROHIT CHHATRAPAL GAJBHIYE	VII- B	Rohit
46	ROSHAN ASHOK RAHATE	VII- B	Roshan
47	RUSHABH DILIP BAHADURE	VII- B	Rushabh
48	SAGAR NAMDEV GURNULE	VII- B	Sagar
49	SAMEER ANIL BAKADE	VII- B	Sameer
50	SANDIP NARESH PUSTODE	VII- B	Sandip
51	SANKET RUCHAND CHATAP	VII- B	Sanket
52	SANKET SHRIDHAR VAIRAGADE	VII- B	Sanket
53	SARVESH SUBHASHRAO MANKAR	VII- B	Sarvesh
54	SAURABH AJAY RATHI	VII- B	Saurabh
55	SAURABH ASHOK GABHANE	VII- B	Saurabh
56	SAVINAY WALDE	VII- B	Savinay
57	SHUBHAM CHANDRAPAL PEKDE	VII- B	Shubh
58	SHUBHAM BAWANKAR	VII- B	Shubham
59	SHUBHAM SHAMBHARKAR	VII- B	Shubham
60	SUMIT SATYAVIJAY PIMPALKAR	VII- B	Sumit
61	SWAPNIL MANOHAR BANKAR	VII- B	Swapnil
62	SWAPNIL TULSIDAS BANTE	VII- B	V. Chaudhari
63	VAIBHAV KAILASH CHOUDHARI	VII- B	V. Chaudhari
64	VAIBHAV PARATE	VII- B	V. B. Bankare.
65	VAISHNAV ASHOK BORKAR	VII- B	Vaishnav
66	VIKRANT CHANDRASHEKHAR DEOTALE	VII- B	Vikrant
67	VISHAL GAJANANRAO BHANGE	VII- B	Vishal
68	VISHAL MANKAR	VII- B	Vishal
69	VRUSHABH SANJAY CHAHANDE	VII- B	V. Koushik

  
**Head**

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

# Certificate

Be it known that,

*Dr.(Mrs.) Archana R.Chaudhari*

Has been appointed as an Editorial Board Member

in

A R Research Publication & Conference World

and

is entitled to all benefits & privileges.

We expect professional contribution as an Editor and a personal commitment to the advancement of peer-reviewed publication.

For : 2017-2020



CHIEF EDITOR



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Date :

Professional Software Development and training services

Reg. No. : II-23-3008

## MEMORANDUM OF UNDERSTANDING

BETWEEN

**RS eBusiness Solutions (PHP Professionals T&D Inc.), NAGPUR**

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

**Department of Electronics & Communication Engineering**

**Legitimate From: 1<sup>st</sup> July 2016 to 30<sup>th</sup> June 2019**

This Agreement made and entered into on this 1<sup>st</sup> day of July 2016 between **RS-eBusiness Solutions** (herein after called **RSE**), Our head office is located at **Nandanvan**, Nagpur area as well as other office is located at **Manish Nagar, Wardha Road**.

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**, (hereinafter called "PBCOE" which expression shall include its successors and permitted assignees) with its registered office at Laxmi Nagar, Nagpur.

We are Software & Web Development Company working on open source specially PHP based technologies and its related Frameworks, CMS, LMS, ERP, CRM and SCMS environments. We are ISO 9001:2008 Certified Company having specialization in industry standard training with complete project development on Open Source PHP based domain. Currently merged with 48+ IT companies in Nagpur and Pune, Mumbai which are associated with us, where we are placing our developers with industry standard salary on behalf of itself and acting through the Director.

Our main objective is growth in open source development environment and its related communities and reduces the gap between students/faculties and industries.

*RS eBusiness solutions*

Registered Off. 75, New Sahakar Nagar, Nandanvan, Nagpur-09 PH. 0712-2715451

Mob. : 8983003923 Website : <http://www.rs-ebizsolutions.com>

Email : [info@rs-ebizsolutions.com](mailto:info@rs-ebizsolutions.com), [rssoftsoft@gmail.com](mailto:rssoftsoft@gmail.com)

d. The parties to this **MOU** undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

e. This MOU shall require the ratification of the competent academic/executive body of both the institutions.

**9. COSTS OF THE MOU**

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

**10. SIGNED IN DUPLICATE**

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

**RSE-PHP Professionals T&D INC.**

By :



Name : Rupesh Shende

Title : Director

Date : 01 July'16

Witness:

1. Mrs. Neha Shende  
HR - Admin



2. Mr. Pravin Ikhhar  
Business & Operations Manager



(Seal)



On behalf of

**PBCOE, Nagpur**

By :



Name : Dr. N.K. Choudhari

Title : Principal

Date : 01 July'16

Name : Dr. (Mrs.) A.R. Chaudhari



Title : Dean Academics

Witness:

1. Ms. D.M. Kate  
Head, Electronics & Communication Department



**Head**

**Electronics & Communication**

**Priyadarshini Bhagwati College of Engg.**

**Communication Department**

2. Mr. P.R. Bokde  
Head, EN Department



(Seal)





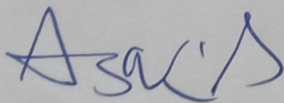
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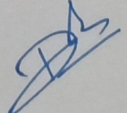


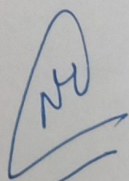
**Department of Electronics & Communication Engineering**  
**Academic session 2018-19**

**Report**

1. Event Title : Academic discussion on "Empowering Engineering Colleges : Unleashing the Power of PHP"
2. Event Date : 12/03/2019 at 12.30 pm
3. Event conduction duration : 3 Hours
4. Event venue : Conference Hall, Ground Floor, PBCOE.
5. Event resource person : **Mr. Rupesh Shende**, Director, RS eBusiness solutions
6. Name of Event Coordinator : **Dr.P.R.Bokde**, , Asst. Prof. EC Department, PBCOE Nagpur
  
7. Objective : The discussion on "Empowering Engineering Colleges : Unleashing the power of PHP" aims to provide engineering students, educators, and professionals with a comprehensive understanding of the potential and benefits of PHP in the context of engineering education.
  
8. Outcome : The discussion proved to be a resounding success, leaving participants equipped with valuable knowledge and newfound enthusiasm for PHP and web development. The outcome of this discussion are expected to positively impact the engineering community, promoting innovation, collaboration and a stronger skill set among the future engineers of the digital age.

  
**Dr. P.R. Bokde**  
Program Coordinator

  
**Dr. D.M. Kate**  
Head of Department  
**Head**

  
**Dr. N. K. Choudhari**  
Principal  
**Principal**

**Electronics & Communication** Priyadarshini Bhagwati College of Engg.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.  
Umred Road, Nagpur.



Photograph :



NAGPUR UNIVERSITY

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From;

The Asstt. Registrar (Acad),  
Nagpur University,  
Nagpur.

To;

Dr. N.K. Choudhary

Lecturer, Deptt of Electronics Eng.

B.D. College of Eng.

Sewagram, Dist- Washa

Nagpur, Dated the

9. February, 2004.

Subject :- Recognition as a Ph.D. Supervisor.

Sir/Madam,

It gives me pleasure to inform you that the Board of  
University Teaching & Research in its meeting held on 4/12/2003  
resolved to grant you recognition as Ph.D. Supervisor for the  
subject electronics Eng. in the Faculty of Eng & Tech.

  
Asstt. Registrar (Acad),  
Nagpur University.



**SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE**

Official Publication of Sant Gadge Baba Amravati University

PART-TWO

(Extra-Ordinary)  
Monday, the 20th January, 2014**NOTIFICATION**

No. 10/2014

Date :- 20/1/2014.

**SUBJECT : RECOGNITION OF SUPERVISOR FOR Ph.D.**

It is notified for general information that the Board of University Teaching and Research in the Faculties of Arts, Commerce, Social Sciences, Engineering & Technology, Science, Medicine, Education, Home Science and Law in its meetings held on 07.01.2014, 08.01.2014 and 13.01.2014 respectively, in considering the recommendations of Research and Recognition Committees has resolved to recognize the following applicants as Supervisors for Ph.D. in the respective subjects and faculties mentioned in column No.3 below.

**TABLE**

SR. NO.	NAME & ADDRESS OF THE APPLICANT AND CONTACT NUMBER	SUBJECT AND FACULTY IN WHICH RECOGNITION IS GRANTED
01.	02.	03.
01.	Dr. Ashok N. Palwekar "Sujata" Sanjeevani Apartment, Sai Nagar, AMRAVATI - 444607 (Contact No.9421829497)	Marathi/Arts
02.	Dr. Lata R. Jawale Rawale Nagar,Opp.Jawahar Navodaya Vidyalaya, Kata Road,WASHIM,DISTT-WASHIM. (Contact No.9423130853)	Marathi/Arts
03	Dr. Alka K. Hiwale Girls Hostel (New) Govt. Vidarbha Institute of Science & Humanities, AMRAVATI (Contact No. 9763299058)	Marathi/Arts
04.	DR. Vilas V. Tayade Shree Colony, MIDC Road, AKOT, DIST. AKOLA -444101 (Contact No. 9421793296)	Marathi/Arts
05.	Dr. Keshav P. Tupe Associate Professor, Govt. Vidarbha Institute of Science & Humanities, AMRAVATI - 444604 (Contact No. 9420285878)	Marathi/Arts
06.	Dr. Y.S. Mankar Suresh Nagar, Near Girija Nagar Bus Stop, Moha-Dhamangaon Road, YAVATMAL, DISTT-YAVATMAL, (Contact No.9890467613)	Marathi/Arts
07.	Dr. Sulbha W. Kharche 522, Kirti Nagar, Gorakshan Road, AKOLA. (Contact No.9665443610)	Marathi/Arts

01.	02.	03.
88.	Dr. Raju M. Tugnayat C/o. Navdurga, 16, Bharat Nagar, Prajapati Layout, Wadgaon -2 YAVATMAL -445001. (Contact No.9763702586)	Information Technology/ Engineering & Technology
89.	Dr. Pradip M. Jawandhiya Jawahar Colony, PULGAON, DIST. WARDHA - 442302 (Contact No.9822726385)	Information Technology/ Engineering & Technology
90.	Dr. Prashant R. Deshmukh Sanmati Colony, Near Shiv Mandir Shegaon Road, AMRAVATI - 4446004. (Contact No 94323610594)	Information Technology/ Engineering & Technology
91.	Dr. Nitin K. Chaudhari Professor & Principal, Smt. Bhagwati Chaturvedi College of Engg. Umred Road, NAGPUR - 440009. (Contact No.9423118742)	Information Technology/ Engineering & Technology
92.	Dr. Abrar Shaikat Alvi Near Water Tank, Paradise Colony Walgaon Road, AMRAVATI - 444604. (Contact No.9422155484)	Information Technology/ Engineering & Technology
93.	Dr. Jagdish W. Bakal F-202 Sai Akash CHQ Ltd., Plot No. 20, Matheran Road, Sector -12, NEW PANVEL (E), NAVI MUMBAI - 410206 (Contact No.9820723812)	Information Technology/ Engineering & Technology
94.	Dr. Hameshbabu Nanvala Gandhi Nagar, Near Naik Bungow , PUSAD - 445204, (Contact No.9423624716)	Production Engineering/ Engineering & Technology
95.	Dr. Tushar R. Deshmukh Dande Colony, Sai Nagar, Near Ashtavinayak Temple, AMRAVATI - 444607 (Contact No.9370103044)	Production Engineering/ Engineering & Technology
96.	Dr. S.S. Deshmukh C/o. Prof. Bhaiyya Deshmukh Radha Nagar, AMRAVTAL -444603 (Contact No.9028231166)	Production Engineering/ Engineering & Technology
97.	Dr. A.U. Awate Behind IMA Hall, Mangilal Plots, Camp AMRAVATI-444602. (Contact No.8888860495)	Production Engineering/ Engineering & Technology
98.	Dr. Rajesh U. Sambhe 45, First Floor, NICE, Bharati Layout, YAVATMAL-445001. (Contact No.9763717415)	Production Engineering/ Engineering & Technology
<b>FACULTY OF SCIENCE</b>		
99.	Dr. Vishlesh S. Nagrare, Scientist Sr. Scale Central Instt. for Cotton Research, P.B.No.2, Shankar Nagar P.O. NAGPUR -440010. (Contact No.9420397178)	Zoology/Science
100.	Dr. Nandini Gokte-Narkhedkar Principal Scientist, Central Instt. for Cotton Research, P.No.No.2, Shankar Nagar, NAGPUR-440010. (Contact No.9422821904)	Zoology/Science

## Details of students awarded Ph.D. under the supervision of Dr. N K Choudhari

Sr. No.	Name of the Student	Topic of Research	Year of Registration	Year of Award
01	A.K.Mitra	Development of personal fetal monitoring and automatic diagnostic system for phonocardiography	2007	July 2011
02	G.H.Agrawal	Enhancement of Signal processing technique for analysis and evaluation of wood properties	19/05/2007	Aug 2011
03	R.M.Tugnayat	Improvement in recognition techniques for human computer interaction	10/07/2007	Feb 2012
04	S.L.Haridas	Power optimization of viterbi decoder for wireless application	2007	May 2012
05	P.L.Zade	Design and optimization of micro strip antenna array for wireless communication	21/08/2009	July 2012
06	N.N.Mhala	Building a test bench for adhoc network research based on wireless WLN in lab environment	10/07/2007	Dec 2012
07	S.S.Shriramwar	Improvement in reconfigurable architecture for better performance of mobile navigation system.	July 2008	Oct 2013
08	A.R.Golhar	Evaluation of characteristic of Aluminum/ Metals by using Ultrasonic Non Destructive Techniques	4/12/2008	March 2014
09	Milind Pande	Design and Development of Some Energy Efficient Wireless Sensor Network for Precision agriculture	2009	Dec 2014
10	Ms. Smita Nagtode	Enhancement in Electronic Sensor Based System for Identifying Undesired Ingredients in Liquid.	July 2010	Jan 2016
11	Mr. Sayeed Jilani	Congestion Control in Wireless Sensor. Network.	July 2010	April 2016
12	Ms. Shilpa Choudhari	Design Analysis And Implementation of Robust Object Tracking Technique for Next Generation Video Applications.	25/01/2011	July 2016
13	Ms. Sarita Dhoble	Analysis and Implementation of Electronic System for the Extraction of infection Information in Food.	05/07/2010	April 2017
14	Mr. Pramod Bokde	Design and Implementation of Electronic System to Analyze Heart / Lung Sound Signal for Identification of Different Diseases.	05/07/2010	May 2017
15	Ms. D. M. Kate	Design & Development of NDT based Electronics System for Evaluation of Properties of Coal	10/07/2012	Dec 2018
16	Mr. M S Choudhari	Design of Data Mining Tools for Extraction of Knowledge from Environmental system	15/07/2014	Feb 2022





**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

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“(Established by Government of Central Provinces Education Department by Notification No.513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

: NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/555

Dated : 26 July, 2011

✽

It is notified for general information that the following candidates are hereby declared eligible for the award of **Ph.D.** Degree in the faculty mentioned against their respective names:

Sl. No.	Name and Address of Candidate	Date of Registration	Degree	Faculty	Subject	Title of Thesis	Name and Address of Supervisor
1.	2. Shri Namdeo Watuji K hobragade A/16, University Teachers Quarter L.I.T. Premises Amravati Road Nagpur	3. 18/08/2006	4. Ph.D.	5. Science	6. Statistics	7. “Some Contribution to Model Enrichment in Operations Research”	8. Dr. P. G. K hot Professor & Head Dept. of Statistics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur
2.	Shri Chetan Shaligram Gajbhiye C/o Shaligram Gajbhiye 171, Nazul Layout Colony Bezombagh Post Office Nagpur – 440 004	12/01/2007	Ph.D.	Science	Geology	“Artificial Recharge of Overexploited Aquifers : A Case Study from Chauras Belt; Bhandara District, Maharashtra”	Dr. Anil Pophare Reader & Head Dept. of Geology Rashtrasant Tukadoji Maharaj Nagpur University Nagpur

3.	Smt. Aparna Narinder Banga C/o Adv. Samudra Sathe Marg Dhantoli Nagpur – 440 012	10/11/2006	Ph.D.	Social Sciences	Economics	“An Analysis of Saving and Investment Behaviour of Middle Class Income Households (A Study with Reference to Nagpur Subdivision)”	Dr. V.S. Deshpande Dept. of Business Management Rashtrasant Tukadoji Maharaj Nagpur University Nagpur
4.	Shri Tushar Vinayak Chaudhari Prabha Niwas Giripeth Nagpur – 10	14/07/2006	Ph.D.	Commerce	Business Management	“Analysis of Human Resource Management in Nagpur Municipal Corporation (1995-96 to 2005-06)”	Dr. Bharat Meghe Kamla Nehru Mahavidyalaya Nagpur
5.	Shri Praveen Johnprasad Mustoor 101, Balaji Uday Apartment Bharat Nagar Nagpur – 440 001	16/08/2006	Ph.D.	Commerce	Business Management	“Study of Computer Network Security in the Indian Corporate World – A Management Perspective”	Dr. Sanjay Kavishwar Dept. of Management Studies & Research Tirpude College of Social Work Nagpur
6.	Shri Manohar Ramaji Tambulkar Plot No. 254 Chandan Nagar Near Hanuman Mandir Nagpur – 9	16/08/2006	Ph.D.	Commerce	Business Economics	“नागपूर जिल्ह्याच्या विकासात नागपूर जिल्हा परिषदेचे योगदान (२००० – ०१ ते २००५ – ०६)”	Dr. Arun H. Vajre Dhanwate National College Congress Nagar Nagpur
7.	Shri Rupesh Ratnakar Gawande Yeshwant Colony Nagpur Road Wardha	17/03/2007	Ph.D.	Engg. & Tech.	Mechanical Engineering	“Improving Operational Effectiveness of an Enterprise with the Help of Supply Chain Management”	Dr. I.K. Chopde Professor V.N.I.T. Nagpur

8.	Shri Arun Kumar Mitra Near Galaxy Hotel Tirora Road Kudwa Gondia – 441 614	02/01/2008	Ph.D.	Engg. & Tech.	Electronics Engineering	“Development of a Personal Fetal Monitoring and Automated Diagnostic System Through Phonocardiography”	Dr. N.K. Chaudhary Principal B.D. College of Engineering Sewagram Wardha
9.	Shri Sushil Chauhan Sh. Sher Singh Chauhan V.P.O. Bholar Tah. – Jubbal Dist. – Shimla	12/07/2006	Ph.D.	Education	Physical Education	“Analytical Study of Performance of Indian Bowlers at International Cricket”	Dr. Anil Karwande Nagpur Sharirik Shikshan Mahavidyalaya Nagpur

By order of the Board of Examinations,

(Dr. S.P. Kane)  
Controller of Examinations  
Rashtrasant Tukadoji Maharaj  
Nagpur University

❖ ❖ ❖



No: RTMNU/Ph .D. (Cell)/555

Dated: - 26 July, 2011

☛ Copy forwarded for information to:

1. The Candidates concerned and Their Supervisors.
2. All Members of Board of Examinations, R.T.M. Nagpur University, Nagpur.
3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
5. The Director, Board of College & University Development, R.T.M. Nagpur University, Nagpur.
6. The University Librarian, R.T.M. Nagpur University of the V.B. alias Bhausaheb Kolte Library, Nagpur.
7. The Director, Students Welfare, R.T.M. Nagpur University, Nagpur.
8. The Registrar, R.T.M. Nagpur University, Nagpur.
9. The Controller of Examinations, R.T.M. Nagpur University, Nagpur.
10. The Finance & Accounts Officer, R.T.M. Nagpur University, Nagpur.
11. All Heads of the Teaching Department, R.T.M. Nagpur University, Nagpur.
12. All Principals/Director of the affiliated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi – 110 002.
14. The Director, Indian Council of Social Sciences, 35, Firozshah Road, New Delhi-2.
15. The Secretary General, Association of Indian Universities, 16, Kotla Road, New Delhi-2.
16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
17. The Joint Secretary, Library & Documentation Association of Indian Universities, 16, Kotla Road, New Delhi.
18. The Librarian, Indian Institute of Sciences, Bangalore-12.
19. The Registrars of Universities in Maharashtra.
20. The Member In-charge, Employment Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
21. The Senior Statistical officer University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
22. All the Deputy Registrar, R.T.M. Nagpur University, Nagpur.
23. All the Assst. Registrar, R.T.M. Nagpur University, Nagpur.
24. The Superintendent (G.A./Estt.), R.T.M. Nagpur University, Nagpur.
25. The Clerk In-charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
26. The Director, INFLIBNET Centre, Near Gujarat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad – 380 009.
27. The Clerk In-charge, Provisional Degree Certificate R.T.M. Nagpur University, Nagpur.
28. The Information Scientist, Campus Library, Campus, Rashttrasant Tukadoji Maharaj Nagpur University, Nagpur.

(S.S. Bharambe)  
Deputy Registrar (Post Exams & Ph.D. Cell)  
Rashttrasant Tukadoji Maharaj  
Nagpur University



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**



“(Established by Government of Central Provinces Education Department by Notification No.513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

: NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/597

Dated: 22 August, 2011



It is notified for general information that the following candidates are hereby declared eligible for the award of **Ph.D.** Degree in the faculty mentioned against their respective names:

Sl. No.	Name and Address of Candidate	Date of Registration	Degree	Faculty	Subject	Title of Thesis	Name and Address of Supervisor
1.	2. Ku. Shubhangi Digambar Bompilwar C/o J.D. Tundulwar Pande Layout Safalya Apartment, 8 Khamla Road Nagpur – 440 025	3. 16/07/2007	4. Ph.D.	5. Science	6. Physics	7. “Transport Properties of Organic Conducting Polymer-Inorganic Semiconductor Nano Composites”	8. Dr. Vilas Tabhane Dept. of Physics Institute of Science Nagpur <b>Co-Guide</b> Dr. Subhash B. Kondawar Shivaji Science College Nagpur

2.	Smt. Uma Rajan Sonparote Plot No. 195 Nelco Society Near Trimurthy Nagar Nagpur	18/06/2005	Ph.D.	Science	Zoology	“Comparative Histochemical and Immunocytochemical Studies in Some Teleosts”	Dr. V. V. Baile Dept. of Zoology Rashttrasant Tukadoji Maharaj Nagpur University Nagpur
3.	Shri Sudarshan Ekanath Diwase At-Post & Ta. – Korpana Dist. – Chandrapur – 442 916	18/08/2006	Ph.D.	Arts	Marathi	“प्राचार्य राम शेवाळकर यांच्या ललित वाङ्मयाचा चिकित्सक अभ्यास”	Dr. Hemlata Joharapurkar Ex. Principal Arvindbaba Deshmukh Mahavidyalaya Bharsingi Dist. – Nagpur
4.	Shri Purushottam Diwakarji Malode “Pratibh” Rathi Layout Rastrabhasha Road Wardha – 442 001	24/09/2007	Ph.D.	Arts	Marathi	“विश्राम बडेकरांचे साहित्य – एक चिकित्सक अभ्यास”	Dr. Samidha Chavan Dept. of Marathi Smt. Binzani Mahila Mahavidyalaya Nagpur
5.	Smt. Amita Ajay Patki 113, Lendra West New Ramdaspeth Nagpur – 440 010	29/08/2006	Ph.D.	Arts	Hindi	“स्वातंत्र्योत्तर हिन्दी काव्य में परिवर्तनशील राष्ट्रीय स्वरूप का विवेचन”	Dr. Harbhajan Singh Hanspal Plot No. 24 Great Nag Road Nagpur
6.	Ku. Vaishali Keshav Bodele Khalashi Line Lala's Garden Mohhan Nagar Nagpur – 440 001	12/07/2006	Ph.D.	Arts	Fine Arts (Drama)	“कार्यभावनाविष्कार आणि तैलूकरांची नाटके – एक चिकित्सक अभ्यास”	Dr. Vinod Indurkar Dept. of Fine Arts Rashttrasant Tukadoji Maharaj Nagpur University Nagpur

7.	Shri Girdharilal Hariram Agrawal First Floor 1-A Singhania Sadan Agrawal Oil Mill Hiwri Nagar Nagpur – 440 008	19/05/2007	Ph.D.	Engg. & Tech.	Electronics Engineering	“Enhancement of Signal Processing, Techniques for the Analysis and Evaluation of Wood Properties”	Dr. N.K. Chaudhari Dept. of Electronics B.D. College of Engineering Sewagram Dist. – Wardha
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By order of the Board of Examinations,

(Dr. S.P. Kane)  
Controller of Examinations  
Rashtrasant Tukadoji Maharaj  
Nagpur University

❖ ❖ ❖

No: RTMNU/Ph .D. (Cell)/597

Date: - 22 August, 2011

☛ Copy forwarded for information to:

1. The Candidates concerned and Their Supervisors.
2. All Members of Board of Examinations, R.T.M. Nagpur University, Nagpur.
3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
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(S.S. Bharambe)  
Deputy Registrar (Post Exams & Ph.D. Cell)  
Rashtrasant Tukadoji Maharaj  
Nagpur University



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**



“(Established by Government of Central Provinces Education Department by Notification No.513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

: **NOTIFICATION** :

No.: RTMNU/Ph.D. (Cell)/6/451

Dated : 6 February, 2012



It is notified for general information that the following candidates are hereby declared eligible for the award of **Ph.D.** Degree in the faculty mentioned against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Degree	Faculty	Subject	Title of Thesis	Name and Address of Supervisor
1.	2. Shri Sangesh Prabhakar Zodape, At – Ambazari Tekdi, Near Dr. Ambedkar Statue, Post – Campus, Amravati Road, Nagpur.	3. 14.7.2008	4. Ph.D.	5. Science	6. Chemistry	7. “Thermodynamic and Transport Properties of Some Biologically Active Compounds in Aqueous Solutions at Different Temperatures”	8. Dr. D.V. Parvate, Deptt. Of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. <b>Co-Guide</b> Dr. S.S. Dhondge, Deptt. Of Chemistry, S.K. Porwal College, Kamptee, Dist Nagpur.

New Ordinance

2.	Shri Vikas Moreswar Mohture, At- Wanjra, Post – Uppalwadi, Nagpur.	17.8.2006	Ph.D.	Science	Botany	“Aerospora of Nagpur in Relation to Fungal Allergy”	Dr. (Smt.) Surekha A. Kalkar, Deptt. Of Botany, Institute of Science, Nagpur.
3.	Ku. Kanchan Prabhakar Khaparde, Plot No. 316, F/5, Bhakti Sahaniwas Apartment, Vishwakarma Nagar, Nagpur.	15.1.2007	Ph.D.	Science	Zoology	“Studies on the Olfactory Organ Related to Reproductive Cycle in the Snakehead <i>Ophiocephalus Striatus</i> (Bloch)”	Dr. V.V. Baile Deptt. of Zoology Rashtrasant Tukadoji Maharaj Nagpur University Nagpur
4.	Shri Vedprakash Prabhakar Borkar, Aarti Apartment, 10, New Subhedar layout Road, Chhkradhar Nagar, Nagpur.	11.7.2006	Ph.D.	Arts	Hindi	“वेदभाष्यकार महर्षि दयानंद सरस्वती: व्यक्तित्व एव कृत्स्न”	Dr. Nita Singh, Deptt. Of Hindi, S.B. City College, Umred Road, Nagpur.
5.	Shri Anil Dewaji Gaikwad, C/O Walode Guruji, Vidhya Ward, Sadak/Arjuni, Dist – Gondia.	19.8.2006	Ph.D.	Social Sciences	Economics	“गोंदिया जिल्ह्याच्या आर्थिक विकासात अग्रणी बँक, बँक ऑफ इंडियाचे योगदान — एक विरलेपणात्मक अध्ययन (कालावधी १९९५-९६ ते २००४-०५)”	Dr. R.G. Bhoyar, Principal, Arts and Science College, Pulgaon, Dist – Wardha.
6.	Shri M. Venkateswara Rao, 72-5-13/4 Laxmi Nursing Home, St.Patamata Vijayawada.(A.P.)	6.2.2009	Ph.D.	Commerce	Commerce	“A Study on Online Banking Service, with reference to ICICI, HDFC and AXIS Banks (During the period of 1995-2005)”	Dr. Bharat Meghe Kamla Nehru Mahavidyalaya Nagpur

New Ordinance

7.	Smt. Mandalapu Sarada Devi, C/O C.V.S. Pratap M- 4/ D-8 Loyds Nagar, Lloyds Steel Industries, Bhugaon Dist – Wardha.	10.1.2007	Ph.D.	Engg. & Tech.	Electronics Engineering	“Design & Development of Some Methodologies for Driver Monitoring System with Nonintrusive Approach”	Dr. Preeti Bajaj, Professor, Deptt. of Electronics Engg. G.H. Raison College of Engineering, Nagpur.
8.	Shri Raju Mulchandji Tugnayat, FF-3 Sai Apartment, Civil Lines, Yavatmal.	10.7.2007	Ph.D.	Engg. & Tech.	Electronics Engineering	“Improvement in Recognition Techniques for Human Computer Interaction”	<b>Dr. N.K. Chaudhari,</b> <b>Prof. Deptt. of Electronics Engg.</b> B.D. College of Engineering, Sewagram – Dist – Wardha.
9.	Shri Wasudeo Bapurao Tongse, 5, Siddhivinayak, Bajrang Nagar, Behind Medical College, Lane No. 12-A, Nagpur.	12.2.2009	Ph.D.	Education	Education	“Spiritual Intelligency of Trainee Teachers with Special Reference to their Creativity : A Study”	Dr. S.R. Patil , Plot S-1, Sahasrabuddhe Layout, Bharat Nagar, Amravati Road, Nagpur.
10.	Mrs. Sadhana Surendra Deshmukh, 485-A, Alankar Apartment, Prof Colony, Hanuman Nagar, Nagpur.	12.7.2006	Ph.D.	Education	Physical Education	“Effect of Specific, Graded, Tailored Exercise Program on Quality of Life of Patients of Chronic Renal Diseases”	Dr. Anil Karwande, Nagpur Sharirik Shikshan Mahavidyalaya, Dhantoli, Nagpur.
11.	Ku. Durgeshmandini Sitaram Bhotmange Near Sule High school, Dhantoli, Nagpur.	14.1.2008	Ph.D.	Education	Physical Education	“A Comparative Study on Depth Perception with Relation to Personality Dimension and Intelligence of Different Ball Game Players”	Dr. Ajay Karkare, Shri. M.W.S.S. Mahavidyalaya, Kamptee, Nagpur.

**By order of the Board of Examinations,**

**(Dr. S.P. Kane)**  
**Controller of Examinations**  
**Rashtrasant Tukadoji Maharaj**  
**Nagpur University**



No: RTMNU/Ph.D. (Cell)/6/451

Dated: - 6 February, 2012

➤ Copy forwarded for information to:

1. The Candidates concerned and Their Supervisors.
2. All Members of Board of Examinations, R.T.M. Nagpur University, Nagpur.
3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
5. The Director, Board of College & University Development, R.T.M. Nagpur University, Nagpur.
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8. The Registrar, R.T.M. Nagpur University, Nagpur.
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12. All Principals/Director of the affiliated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi – 110 002.
14. The Director, Indian Council of Social Sciences, 35, Firozshah Road, New Delhi-2.
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16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
17. The Joint Secretary, Library & Documentation Association of Indian Universities, 16, Kotla Road, New Delhi.
18. The Librarian, Indian Institute of Sciences, Bangalore-12.
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23. All the Asstt. Registrar, R.T.M. Nagpur University, Nagpur.
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25. The Clerk In-charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
26. The Director, INFLIBNET Centre, Near Gujarat University Guest House, P. B. No. 4116, Navrangpura, Ahmedabad – 380 009.
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(S.S. Bharambe)  
Deputy Registrar (Post Exams & Ph.D. Cell)  
Rashtrasant Tukadoji Maharaj  
Nagpur University



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**



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: **NOTIFICATION** :

No.: RTMNU/Ph.D. (Cell)/14/4015



Dated : 22 May, 2012

It is notified for general information that the following candidates are hereby declared eligible for the award of **Ph.D.** Degree in the faculty mentioned against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Degree	Faculty	Subject	Title of Thesis	Name and Address of Supervisor
1.	2. Ku. Shilpa Raghunathrao Kavgate 4 <sup>th</sup> Floor, NIT Complex Ayurvedic Layout Near Juna Mirachi Bazar Nagpur	3. 03.01.02007	4. Ph.D.	5. Law	6. Law	7. “The Right to Life and Personal Liberty and Its Advanced Constitutionalism – A Critical and Analytical Study of the Decisions of Supreme Court and High Courts with Respect to the new Dimensions of Article 21”	8. Dr. J.L. Aparajit Principal Rashtrasant Tukadoji Maharaj Nagpur University's Dr. Babasaheb Ambedkar College of Law Nagpur.



**SantGadge Baba Amravati University,  
Amravati (Maharashtra), India**



**NOTIFICATION**

**AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)**

It is notified for general information that the Vice-Chancellor has accepted the reports of Examiners for evaluation of the thesis submitted by Shri. Manoj Shrikant Chaudhari for the award of Ph.D. degree as per Direction No.49/2019 Dated 12.12.2019 and declared that Shri. Manoj Shrikant Chaudhari is eligible for the award of degree of Doctor of Philosophy (Ph.D.) in the subject and faculty mentioned below.

Name and address of the Candidate : **Shri. Manoj Shrikant Chaudhari  
Priyadarshini Bhagwati College of Engg.  
Near Bada Tajbagh, Umrer Road, Nagpur**

Name of Mother : **Mrs. Pushpa**

Date of Registration : **15.07.2014**

Title of the thesis : **DESIGN OF DATA MINING TOOLS FOR  
EXTRACTION OF KNOWLEDGE FROM  
ENVIRONMENTAL SYSTEM**

Name and address of the Supervisor : **Dr. N.K. Choudhari  
Principal  
Priyadarshini Bhagwati College of Engg.  
Near Bada Tajbagh, Umrer Road, Nagpur**

Research Co-Guide

Subject : **Information Technology**

Faculty : **Science and Technology**

Date of submission of the thesis : **29.07.2020**

Date of Viva-Voce : **17.02.2022**

Notification No. 106/2022

Date : 17.02.2022

**Director**

**Board of Examinations and Evaluation**



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

**PH.D. (CELL)**

No. Ph.D. (Cell)/RRC/Guide/3604 B/243

Nagpur, Dated the 12/09/08

From: (P.M. Mohite),  
Deputy Registrar (Exams.),  
Ph.D. (Cell),  
Rashtrasant Tukadoji Maharaj,  
Nagpur University,  
Nagpur.

To,  
✓ Dr. (Mrs.) Archana R. Choudhari,  
Asstt. Prof.,  
Deptt. of Chemistry,  
Smt. Bhagwati Chaturvedi College,  
of Engineering, Harour Nagar,  
Ummer Road,  
Nagpur.

Subject:- Recognition as a Supervisor for Ph.D. ~~M.E./M.Phil./M.Tech./By Research.~~

Reference:- Your application dated 10/01/2008 ✓

Sir/Madam,

With reference to above, I am directed to inform you that the

Hon'ble Vice-Chancellor has, on behalf of the Board of University Teaching & Research accepted the recommendations of the Research and Recognition Committee dated 25/08/2008 ✓

granting recognition as a Supervisor for a Ph.D. ~~M.E./M.Phil./M.Tech./By Research~~ in the

Subject Chemistry ✓ Under the faculty of Science ✓

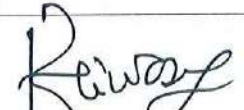
This is for your information.

Yours faithfully  
✓  
(P.M. Mohite),  
Deputy Registrar (Exams.),  
Ph.D. (Cell),  
Rashtrasant Tukadoji Maharaj  
Nagpur University.

82  
11/11/08

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY NAGPUR****FACULTY OF SCIENCE AND TECHNOLOGY****Special Task in APPLIED SCIENCE & HUMANITIES**

Sr. No.	Name of the Members & Address	Contact No.
1.	Dr. V. M. Nanoti, (Ad-hoc Chairman) Priyadarshini college of Engineering , <u>Nagpur.</u>	9822233286
2.	Dr. Sajid Anwar, Anjuman College of Engineering & Technology, <u>Nagpur.</u>	9730226809
3.	Dr. (Mrs.) A. R. Chaudhary, Priyadarshini Bhagwati College of Engineering, <u>Nagpur.</u>	9823285684
4.	Dr.(Ms.) P.S. Sawadh, Bapurao Deshmukh College of Engineering, Sewagram <u>Wardha.</u>	9881189305
5.	Dr. (Mrs) Kavita Vajpai, KDK College of Engineering Nandanwan, <u>Nagpur.</u>	8552803777
6.	Dr. Mohan Giriya, K.R. Pandav College, <u>Nagpur.</u>	9923406989
7.	Dr. Manish Jachak, S.V. Paloti College Of Engineering & Technology, <u>Nagpur.</u>	9049139756
8.	Dr. Bhumika Agrawal, Priyadarshini college of Engineering , <u>Nagpur.</u>	9765136087
9.	Dr. (Ms.) Nawaz Khan, Anjuman College of Engineering & Technology, <u>Nagpur.</u>	9890232866
10.	Dr. Damodar Shastrakar, K.R. Pandav College, <u>Nagpur.</u>	9850311443



(Dr. Raju Hiwase)

Registrar

Rashtrasant Tukadoji Maharaj  
Nagpur University, Nagpur



## **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (mah.Act No.VI of 2017.)”

### **Board of Examinations & Evaluation Department (Ph.D. Cell)**

Examination Bhawan, Laxminarayan Institute of Technology Premises,  
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur-440033

E-mail Id : drphdecell@rediffmail.com

Phone No.-0712 (2542982, 0712 (2542983)

No. RTMNU/Ph.D. Cell/2021/1642

Dated 23/11/2021

प्रति,

Principal  
S.K.P. College of Arts, Science & Commerce, Kamptee  
Nagpur

विषय :- **Research Advisory Committee** वर दोन सदस्य नामित करण्याबाबत—

महोदय,

आचार्य पदवी नोदणी संदर्भात निर्देश क्रमांक २७/२०२१ मधील तरतूदीनुसार विद्यापीठातर्फे मान्यत असलेल्या आचार्य पदवी नोदणी करण्याकरिता संशोधन स्थळात **Research Advisory Committee** वर दोन नामित करण्याबाबतची तरतूद आहे. त्यानुसार मा. कुलगुरु महोदयांनी **Science & Technology** विद्याशाखात **Chemistry** विषयाकरिता खालील दोन सदस्य नामित केलेले आहे.

- 1) Dr. Dilip Chafle  
Taywade College, Koradi, Nagpur-
- 2) Dr. A.R. Choudhary  
J.L.Chaturvedi College of Engineering, Nagpur

उपकुलसचिव

( आचार्य पदवी कक्ष )

रश्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ



Shikshan Prasarak Mandal, Kamptee's

**SETH KESARIMAL PORWAL COLLEGE OF ARTS AND SCIENCE AND COMMERCE, KAMPTEE**

Principal  
**Dr. M. B. Bagade**  
M. Sc., Ph. D.

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur  
NAAC Accredited with 'A' Grade

Ref. SKP/DC :- 241.....

Date 07.12.2021

To,  
Dr. A. R. Chaudhari  
Priyadarshini Bhagwati College of Engineering, Nagpur


**Subject:-** Invitation letter as RAC member for pre-PhD registration in the subject Chemistry

**Dear Madam,**

I am very pleased to inform you that you have been appointed as RAC member at our Higher Learning and Research Center, Department of Chemistry, S. K. Porwal College, Kamptee, vide letter no. RTMNU/PhD cell/2021/1642 dated 23.11.2021. We have scheduled RAC meeting for five students on 10.12.2021, Friday in the Post Graduate Department of Chemistry at 11:30 am.

Kindly confirm your acceptance by telephone/email.

Your's faithfully

  
**Principal**

S.K. Porwal College of Arts, Science  
and Commerce, Kamptee

**Copy to:**

1. Dr. R. G. Chaudhary (Mob. No.9860032754), Supervisor and Coordinator;  
(chaudhary\_rati@yahoo.com)
2. Dr. Sudip Mondal (Mob. No.9673525438), Supervisor



Shikshan Prasarak Mandal, Kamptee's

**SETH KESARIMAL PORWAL COLLEGE  
OF ARTS & SCIENCE & COMMERCE, KAMPTEE-441001**

Officiating Principal  
Prof. Dr.V.N.Chavan

Affiliated to RTM Nagpur University, Nagpur  
NAAC Accredited with 'A' Grade

Ref.SKP/DC

Date: 01/09/2022

To,

Dr. (Mrs.) A. R. Chaudhari  
Associate Professor and Head  
Priyadarshani Bhagwati College of Engineering,  
Nagpur


**Subject :** Invitation to attend a Six months Ph.D. Progress Seminars which is to be held on  
7<sup>th</sup> September 2022.

**Dear Madam,**

I am very pleased to inform you that you have been appointed as RAC member at "Place Higher Learning and Research", Post Graduate Department of Chemistry, S. K. Porwal College, Kamptee, vide letter no. RTMNU/PhD cell/2021/1642 dated 23.11.2021. We have scheduled to conduct a meeting of six months Ph.D. Progress Seminars of Research Scholars on 7<sup>th</sup> September 2022 (Wednesday), in the Post Graduated Department of Chemistry at 11:30 am.

Thanking You!

Your's faithfully

  
Officiating Principal  
S.K.P. College, Kamptee

Copy to:

1. Dr. R. G. Chaudhary (Mob. No. 9860032754), Supervisor and Coordinator;  
(Chaudhary\_rati@yahoo.com)
2. Dr. S. Mondal (Mob. No. 9673525438), Supervisor; (sudipmondal5555@gmail.com)



Website : [www.skpckamptee.org](http://www.skpckamptee.org),

E-mail : [principal@skpckamptee.org](mailto:principal@skpckamptee.org),

7558369316

Address : Gautam Nagar, Near Dragon Palace, Kamptee, - 441001 Dist. Nagpur (Maharashtra State)





Shikshan Prasarak Mandal, Kamptee's

**SETH KESARIMAL PORWAL COLLEGE  
OF ARTS & SCIENCE & COMMERCE, KAMPTEE-441001**

Officiating Principal  
Prof. Dr.V.N.Chavan

Affiliated to RTM Nagpur University, Nagpur  
NAAC Accredited with 'A' Grade

Ref.SKP/DC

Date: 7/9/2022

To,

Dr. (Mrs) A. R. Chaudhari,  
Associate Professor and Head,  
Priyadarshini Bhagwati College of Engineering, Nagpur

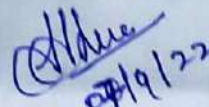
Dear Madam,

We appreciate your presence for attending the RAC meeting was held at Place for Higher Learning and Research, Post Graduate Department of Chemistry, Seth Kesarimal Porwal College of Arts, Science and Commerce, Kamptee on 7<sup>th</sup> September 2022 at 11:30 am.

Thanking you!

Warm regards,

Yours,

  
07/9/22  
Officiating Principal  
S.K.P. College, Kamptee



Website : [www.skpckamptee.org](http://www.skpckamptee.org),

E-mail : [principal@skpckamptee.org](mailto:principal@skpckamptee.org),

7558369316

Address : Gautam Nagar, Near Dragon Palace, Kamptee, - 441001 Dist. Nagpur (Maharashtra State)

# JHULELAL INSTITUTE OF TECHNOLOGY, NAGPUR



## WORKSHOP ON CURRICULUM DEVELOPMENT OF B. E. SEMESTER I & II (Applied Science & Humanities)



### *Certificate of Session Chair*

This is to certify that Prof. *Mrs A. R. Chandhary (Chemistry)* of *P. Bhagwati College of Engg. Nagpur* has chaired the technical session in "WORKSHOP ON CURRICULUM DEVELOPMENT OF B. E. SEMESTER I & II (Applied Science & Humanities)" in collaboration with Faculty of Engineering & Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur organized on February 6, 2017 at Jhulelal Institute of Technology, Nagpur.

*APS*  
Prof. A. P. Sahasrabhojane

Convener  
Asst. Professor, JIT

*DSB*  
Dr. D. S. Bhowmick  
Member, BoS, RTMNU  
& Vice-principal, JIT

*M. D. Choudhary*  
Dr. M. D. Choudhary  
Co-ordinator  
Faculty of Engg. & Tech., RTMNU



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI BHAGWATI  
COLLEGE OF ENGINEERING**

(Formerly known as Smt. Bhagwati Chaturvedi College of Engineering)

Harpur Nagar, Umred Road. Nagpur - 440 024. (India)  
Tel. : +91-712-2710281, 2710282. Fax : +91-712-2710283  
E-mail : principal.bcce@ltjss.net Website : www.bcce.ltjss.net



## MEMORANDUM OF UNDERSTANDING

BETWEEN

**A R INDUSTRIES, NAGPUR**

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

Department of Mechanical Engineering

Legitimate From: 1<sup>st</sup> July 2014 to 30<sup>th</sup> June 2019

This Agreement made and entered into on this 1<sup>st</sup> day of July 2014 between **A R INDUSTRIES**, situated at Umiya Udhyogik Vasahat, Kapsi (khurd), Th. Kamptee, Dist. Nagpur.

AND

**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**, (herein after called "PBCOE" which expression shall include its successors and permitted assignees) with its registered office at Laxmi Nagar, Nagpur.

It is the statutory object to disseminate advance knowledge in fabrication, designing and development of machine as well as production process in such branches of earning as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities for the promotion of:

### c. Technical Seminars / Workshops

A R Industries always give preference to keep the students well acquainted with contemporary issues in this field & its related Industries and to keep pace with the changing environment, seminars/ workshops plays an vital role for development.

### 3. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

### 4. RELATIONSHIP

Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

### 5. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

On behalf of

A R Industries

By :



Name : Mr. R.M. Rinke

Title : Chairman

Date : 01 July '14

**A. R. Industries**  
Jmiya Udhogik Vasahat, Kapsi (Kh.)  
Bhandara Road, Th. Kamptee, Dist. Nagpur - 441104

Witness:

1. Mr. A. Bhandarkar  
MD

2. Mr. Sadanand Dhoble



On behalf of

PBCE, Nagpur

By :



Name : Dr N. K. Choudhari

Title : Principal

Date : 01 July '14

**Principal**  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

Witness:

1. Dr.(Mrs.)A. R. Chaudhari  
Academic In charge

2. Prof R. K. Pohane  
HOD - Mechanical Engineering





Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Mechanical Engineering**

PBCOE/ME/2018-19/012

Date:- 14/01/2019

### NOTICE

All the VI<sup>th</sup> semester students of mechanical are hereby informed that Mechanical Department has organized Seminar on "Recent Technology used in Industry" by Mr. A. Bhandarkar, MD, A. R. Industries, Nagpur. The session will be conducted on 17<sup>th</sup> January 2019 during 11:30 am to 12:30 pm in the Seminar Hall (Fourth Floor). Students from mechanical are encouraged to take benefit of this seminar.

Mr. S. M. Pimpalgaonkar  
H.O.D (Mech)

Copy to :-

- 1) Principal, PBCOE, Nagpur
- 2) Dean Academic & B.E First Year Coordinator
- 3) Display on notice board and Circulation



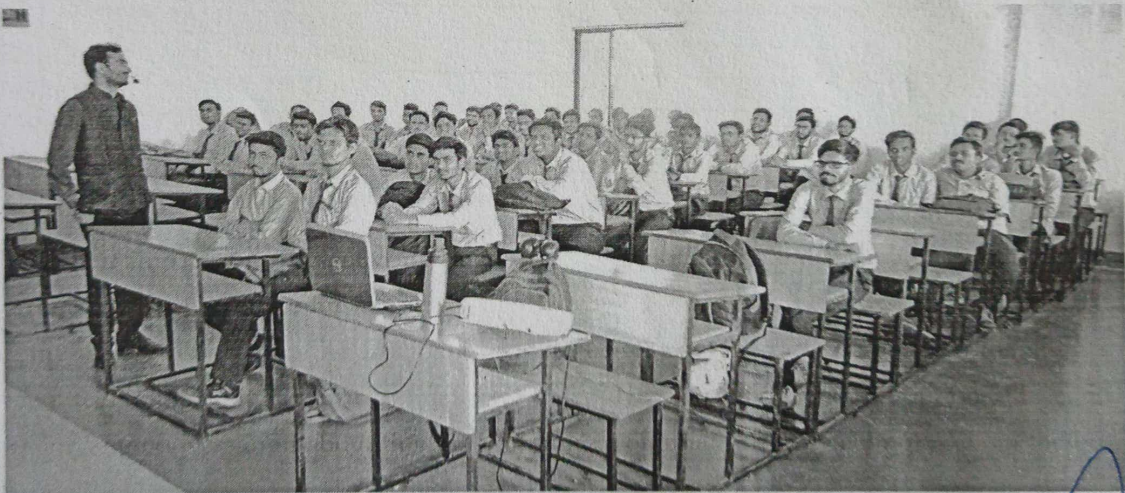
Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
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Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
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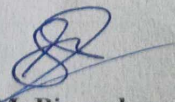
## Department of Mechanical Engineering Academic session 2018-19

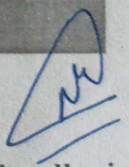
### Seminar Report on "Recent Technology used in Industry"

1. Event Title : Seminar on "Recent Technology used in Industry"
2. Event Date and time : 17<sup>th</sup> January 2019 11:30 am
3. Event venue : Seminar Hall (Fourth Floor)
4. Event resource person : Mr. A. Bhandarkar, MD, A. R. Industries, Nagpur.
5. Name of Event Coordinator : Mr. S.P.Daf, Asst. Prof. Mech. Engg. Dept
6. Number of students : 45
7. Objective : The seminar aims to explore how these technologies are being applied, their impact on efficiency, productivity, and innovation, and the potential challenges and opportunities they present to businesses.
8. Outcome : Participants will be better equipped to comprehend the significance of recent technologies in industries, make informed decisions about their adoption, and contribute to the ongoing conversation about the transformative potential of these technologies in the business landscape.



  
Mr. S.P. Daf  
Event Incharge

  
Mr. S.M. Pimpalgaonkar  
Head  
H.O.D. (Mech. Engg.)  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.

  
Dr. N. K. Choudhari  
Principal  
Priyadarshini Bhagwati College of E  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



**Department of Mechanical Engineering**  
Academic session 2018-19

**Attendance Sheet**

Name of Event: Seminar on "Recent Technology used in Industry"

Date of Event: 17/01/2019

Sr. No.	Name of Students	Sem	Signature
1	HARSHA HOMRAJ POUNIKAR	VI-A	<i>Harsha</i>
2	KOMAL LALCHAND WAGH	VI-A	<i>Komal</i>
3	MRUNALI ARVIND GHUMADE	VI-A	<i>Mrunali</i>
4	AAMIR SALAM SHEIKH	VI-A	<i>Aamir</i>
5	ADITYA RAVINDRA PATIL	VI-A	<i>Aditya Patil</i>
6	ADITYA VIJAY INGALE	VI-A	<i>Aditya</i>
7	AJAY MANOHAR MOUNDEKAR	VI-A	<i>Ajay M.</i>
8	AJINKYA SANJAY INGOLE	VI-A	<i>Ajinkya</i>
9	AKASH ASHOK WANJARI	VI-A	<i>Akash</i>
10	AKASH DIGAMBAR GOSWAMI	VI-A	<i>Akash</i>
11	AKHILESH RAJESH SAMUDRE	VI-A	<i>Akash</i>
12	AKSHAY GOPAL MALODE	VI-A	<i>Akash</i>
13	AKSHAY HARNE	VI-A	<i>Akash</i>
14	AKSHAY RAMLAL YADAV	VI-A	<i>Akash</i>
15	AKSHAY SANDEEP NAGARKAR	VI-A	<i>Akash</i>
16	AKSHAY SANJAY THUBRIKAR	VI-A	<i>Akash</i>
17	AMAAN MUSHTAQUE SHEIKH	VI-A	<i>Amaan</i>
18	AMAN GANESH DHANVIJAY	VI-A	<i>Aman</i>
19	AMOL VIJAY SHENDE	VI-A	<i>Amol</i>
20	ANIKET ASHOK KAMDI	VI-A	<i>Aniket</i>
21	ANKIT JITENDRA GIRI	VI-A	<i>Ankit</i>
22	ARPIL DEVIDAS PATIL	VI-A	<i>Arpil</i>
23	ARPIT SANDIP BAWANE	VI-A	<i>Arpit</i>
24	ASHIRWAD AKARE	VI-A	<i>Ashirwad</i>
25	ASHISH SHEKHARRAO KAHILKAR	VI-A	<i>Ashish</i>
26	ATUL TATOBAJI GEDAM	VI-A	<i>Atul</i>
27	CHARUL SURESH KORVEKAR	VI-A	<i>Charul</i>
28	GAURAV DILIP MALEWAR	VI-A	<i>Gaurav</i>
29	GAURAV PRADIP VAIDYA	VI-A	<i>Gaurav</i>
30	HARISH RAVINDRA BAWANE	VI-A	<i>Harish</i>
31	HARSHAL NASHIKRAO MATE	VI-A	<i>Harshal</i>
32	HEMANT GAJANAN VAIDYA	VI-A	<i>Hemant</i>

*[Signature]*  
Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING**  
Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24  
(Approved by AICTE, New Delhi, Govt. of Maharashtra  
and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)  
Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in  
**NAAC Accredited**



## Department of Mechanical Engineering

Academic session 2018-19

### Attendance Sheet

Name of Event: Seminar on "Recent Technology used in Industry"

Date of Event: 17/01/2019

Sr. No.	Name of Students	Sem & Branch	Signature
33	HEMANT SHRAWAN NANDURKAR	VI-A	Haf
34	HIMANSHU VIJAYRAO FATING	VI-A	Hf
35	HIMANSHU VINOD KALE	VI-A	Kalim
36	HITESH MADAN PELNE	VI-A	Hilpelne
37	IANDRAJIT ANANDRAO THAKARE	VI-A	Rakas
38	KAMALDEO KESHAV AKARE	VI-A	Kak
39	KARAN VILAS KANEKAR	VI-A	Kak
40	KARTIK KISHOR PELNE	VI-A	Kartik
41	KARTIK RAMESHWAR JADHAV	VI-A	Kartik
42	KIRAN RAJESH DALAL	VI-A	D. Kiran.
43	KRISHNA ARVIND SINGH	VI-A	Krishna
44	KRUNAL KESHAVRAO BARDE	VI-A	Krunal
45	KUNAL GOPAL SHRIKHANDE	VI-A	Kunal
46	MAYUR SHANTANU NANDANWAR	VI-A	Mayur
47	MAYUR KHUMBHARE	VI-A	Mayur
48	MOHIT NAMDEO KUMBHARE	VI-A	Mohit
49	MRUDAL UPASRAO KHOBRAGADE	VI-A	Mrudal
50	MRUNAL GAWANDE	VI-A	Mrunal
51	NIKHIL DEEPAK TIDKE	VI-A	Nikhil
52	PIYUSH ARUNRAO BHUTE	VI-A	Piyush
53	PRANAY KAWADUJI KANOJE	VI-A	Pranay
54	TEJAS PRADEEP FULZELE	VI-A	Tejas
55	UJWAL OMPRAKASH THAKARE	VI-A	Ujwal
56	VAIBHAV GOVINDA RINAIT	VI-A	Vaibhav

Head

Mechanical Engg. Deptt.  
Priyadarshini Bhagwati College of Engg.  
Umred Road, Nagpur.





(ISSN 2249-9598)

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(Bi-Monthly)

*An International Journal*

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Website : www.oiirj.org

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Ref. No-33

Date: 14/08/2013

## Honorary Member in Referee Board

We are the Member of Online International Interdisciplinary Research Journal (Bi-monthly) with ISSN No. 2249-9598 [Impact Factor 2.089]. We are very glad to inform you, **Dr. Archana Rajeev Chaudhari**, is appointed as an **Honorary Member in Referee Board** for our ONLINE INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL. Her appointment is an honorary post according to the constitution of ONLINE INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL.

We anticipate needful and valuable Co-operation for the further growth of ONLINE INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL.

Thanking You.

  
**Somnath Kisan Khatal**  
Editor & Publisher  
Online International Interdisciplinary  
Research Journal (BI-Monthly)  
ISSN-2249-9598

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Grade - B (2.88)  
(NAAC Re-Accredited)  
ISO : 9001-2008

Ref No.: NMU/11/PGR/Chem/ 4076 /2011

Date: 29<sup>th</sup> November, 2011

To,  
**Dr. Archana Rajeev Chaudhari,**  
Smt. Bhagwati Chaturvedi College of Engineering,  
Nagpur

**Subject** : Recognition as a Post Graduate Teacher/Ph.D. Guide  
**Reference** : B.U.T.R. Meeting dated 22.11.2011. Item No. 03 (6) 28

Madam,

With reference to your application for recognition as a P.G. Teacher/Ph.D. Guide of this University, I have to state that, on the recommendations of the Research & Recognition committee, the University Authorities are pleased to recognize you as Post Graduate Teacher of the North Maharashtra University, Jalgaon from 22.11.2011 for imparting instructions in the subject Chemistry - Ph.D. (by Research) under the faculty of Science.

2. I wish to add for your information that you can accept research students for registration up to the age of 65 years and guide registered students up to the age of 70 years. Further it is mandatory to get the Research Laboratory recognized by the North Maharashtra University, Jalgaon for registering Ph.D. students.

Yours sincerely,

  
(Dnyandeo Neelwara)

Asst. Registrar

Board of Colleges and University Development