



## Key Indicator - 6.5.2 Quality assurance initiatives of the institution

### 6.5.2.2 Collaborative quality initiatives with other institution for Academic Year 2019-2020

Name of the Collaborative activity (quality initiatives)	Name of the collaborating institution	Nature of collaboration	Page No.
Webinar Series on "Demystifying Data Science, ML & AI"	Tensor Blue, Hyderabad	Resource person from Tensor Blue, Hyderabad	<b>2-18</b>
Project Trancee selection drive	IT Netwokz , Nagpur	Activity under MOU	<b>19-23</b>
International conference	Society for Technologically advanced materials	International Conference in Collaboration with STAMI	<b>24-39</b>
Campus Recruitment training for students.	FACE Academy Coimbtour, India.	Resource Person from FACE conducted CRT	<b>40-42</b>
Technical activity, STTP	ISHRAE-Indian Society for Heating airconditioning & Refrigeration Engineering	PBCOE-ISHRAE students Chapter	<b>43-47</b>
Seminar	CMS IT services, Nagpur	Activity under MOU	<b>48-55</b>

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

**Dr. (Ms) D.M. Kate**  
HOD, EC Dept.

**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"**

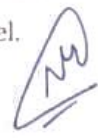
1. Event Title : Free Webinar Series on "Demystifying Data Science, ML & AI"
2. Event Date : 12<sup>th</sup> -14<sup>th</sup> May, 2020
3. Event conduction duration : 12<sup>th</sup> -14<sup>th</sup> May, 2020
4. Event venue : Online through 'Google Meet' App
5. Event resource person : **Mr. Arpit Yadav**,  
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.

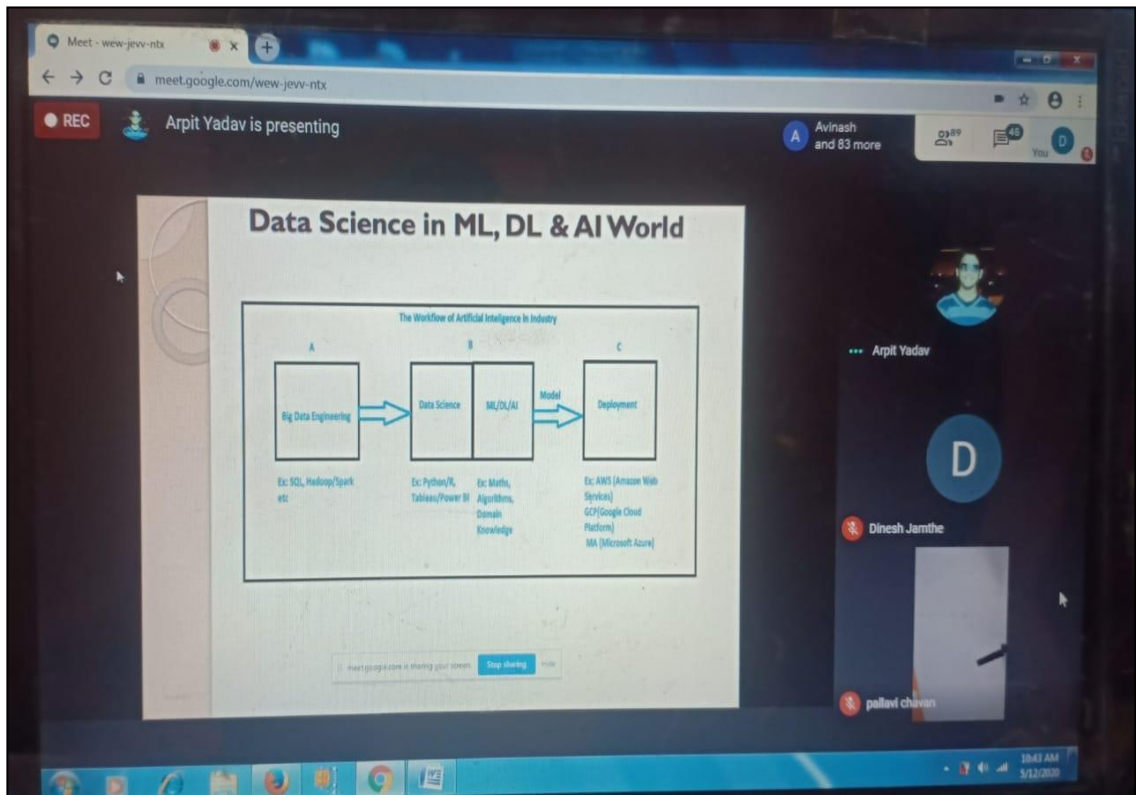
  
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Umred Road, Nagpur.

  
**Dr. N. K. Choudhari**  
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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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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 JAMBHULKAR	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

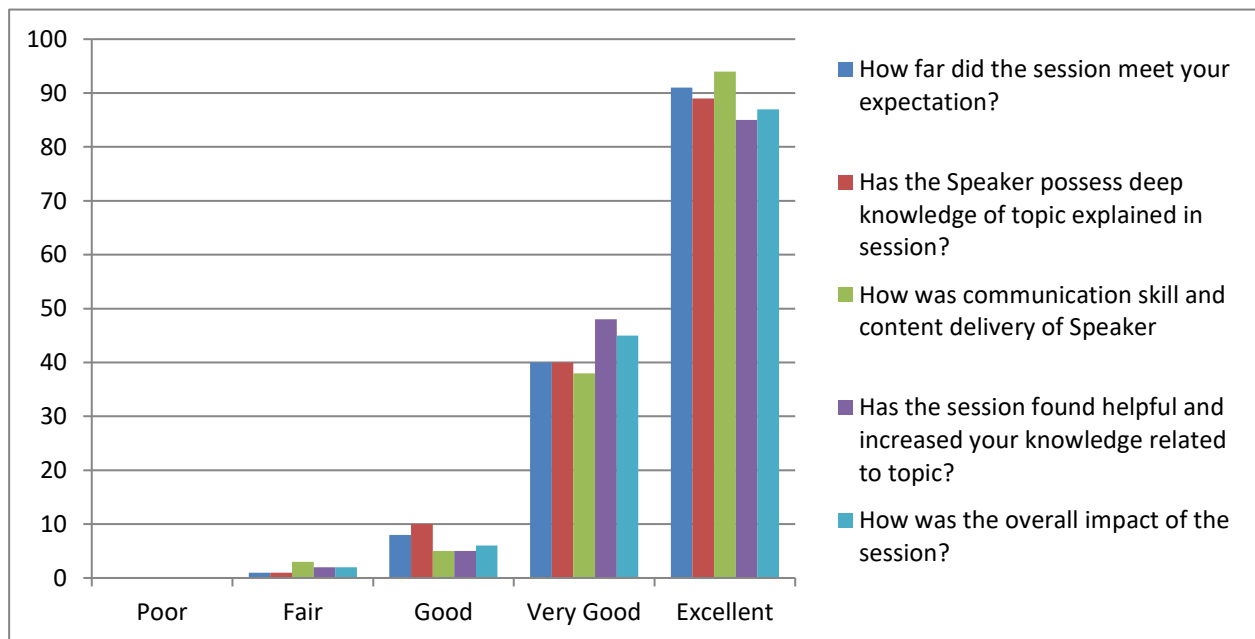
### FEEDBACK ANALYSIS

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.

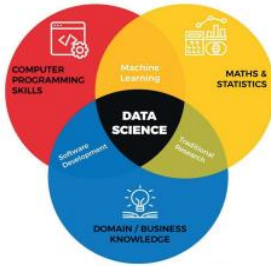
**CERTIFICATE**

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

**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.



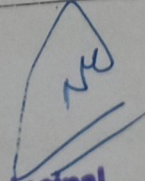
  
Head  
Electronics & Communication  
Priyadarshini Bhagwati College of Engg  
Umred Road, Nagpur.

  
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.**



**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

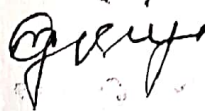
STAMI

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





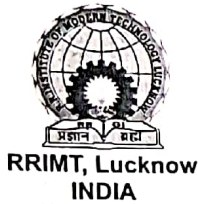
Society for Technologically Advanced  
Materials of India (STAMI)

*organizes*

# International Conference on Science, Engineering & Technology ICSET-2019

Tashkent, Uzbekistan  
May 30-June 01, 2019

Associate Partners



## APPRECIATION CERTIFICATE

*presented to*

*Prityadarshini Bhagwati college & Engineering, Nagpur*

*for your valuable association as technical / financial partner.*

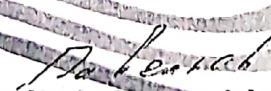
*Your support and guidance was instrumental in making*


*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

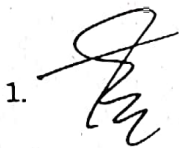
For

Samara University, RUSSIA

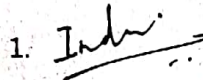


Dr Vladimir Sergeevich Pavelev  
Head, Nanoengineering Department,  
Samara State Aerospace University

**Witness:**

1. 

Dr. K. G. Revathkar

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*  
Dr Satish Chaturvedi, *Chairman*  
Lokmanya Tilak Jankalyan Shikshan Sanstha, Nagpur

### Co-Patron

Smt. Abha Chaturvedi, *Secretary*  
Mr. Dushyant Chaturvedi, *Director (GB)*  
Mr. Abhijit Deshmukh, *Director*  
Lokmanya Tilak Jankalyan Shikshan Sanstha, Nagpur

### Chairperson

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*  
Prof. Krishan Bamzai, *Jammu* Prof. Mahavir Singh, *Shimla*

### Organizing Secretaries

Dr. Devendra Sahu Dr. V. K. Rewatkar Dr. Pravin Meshram

### Joint Organizing Secretaries

Dr. N. S. Meshram Dr. S. R. Bagade Dr. D. K. Sharma  
Dr. (Mrs.) A. R. Golhar Dr. Vaishali Meshram Dr. P. R. Sakhare

### Managing Committee

Dr. N. N. Sarkar Dr. H. B. Bhartia Dr. M. S. Warbhe  
Dr. T. K. Sharma Dr. Vijay Yadav Dr. I. B. Das Sarma

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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
- Thinfilm & 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

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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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## International Conference on Science, Engineering & Technology ICSET-2019

Tashkent, Uzbekistan  
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### 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 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.



## 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.



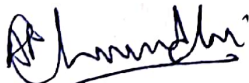
**IQAC Coordinator**  
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Umred Road, Nagpur.



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

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

**IQAC Coordinator**

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

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Umred Road, Nagpur.











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# International Conference on Science, Engineering & Technology ICSET-2019

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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**  
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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## Training & Placement Cell Academic session 2019-20

### Report of "FACE Campus Recruitment Training for students"


1. Event Title : FACE Campus Recruitment Training
2. Event Date : 01<sup>st</sup> August 2019 onwards
3. Event venue : Seminar Hall, PBCOE
3. Event Guests : Mr. Abhishek Gangawar  
Resource Person from FACE
4. Name of Event Coordinator : Dr. P. M. Palkar
5. Number of students : 135
6. **Summary of FACE CRT Training:**

The PBCOE's training and placement cell organized the FACE CRT Training. Dr. N.K. Chaudhari conducted the official inauguration. The expert trainers are welcomed by Mr. P. M. Palkar (TPO, PBCOE). Campus placement is important, and Dr. Mrs. A. R. Chaudhari, Dean Academics, encouraged students to participate in FACE CRT Training. Mr. P. M. Palkar (TPO, PBCOE) supervised the pupils while concentrating on the training's goals. Dr. N. K. Choudhari, Principal, PBCOE, has provided encouragement for pursuing a career. The trainers conducted a variety of lessons and exercises following the inaugural.



  
Dr. P. M. Palkar  
T & P Cell I/C

  
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****Training and Placement Cell**


Academic Session 2019-20

**LIST OF STUDENTS REGISTERED FOR FACE TCS SPECIFIC TRAINING**

Sr No	Name Of Students	Branch	Sr No	Name Of Students	Branch
1	Ankita Kumari	CSE	35	Harshata haridas bhagat	MECH
2	Ashika Ramesh Sahare	CSE	36	hemant pounikar	MECH
3	Aparna sahu	CSE	37	pratik karande	MECH
4	Bhakti Paturkar	CSE	38	LOKESH WAMANRAO GHATE	MECH
5	Dhanshree Amul Kukekar	CSE	39	PRANAY RAJU NERKAR	MECH
6	Gauri Titarmare	CSE	40	Rahul Dasharath Padole	MECH
7	Meenal Patil	CSE	41	Sarvesh S. Mankar	MECH
8	Samiksha P.Ratnaparkhi	CSE	42	Saurabh Gabhane	MECH
9	Suhasini Manapure	CSE	43	Swapnil Tulsidas Bante	MECH
10	Vaishnavi suresh khandar	CSE	44	VIDHI PETKAR	MECH
11	Rakshit Mandpe	CSE	45	VIKRANT R. SHEWARE	MECH
12	Vaishnavi Karne	CSE	46	Tushar Ghyar	MECH
13	Priyanka	CSE	47	AKASH M. BHARTI	MECH
14	Kaustubh Vilas Zade	CSE	48	SNEHAL SONWANE	MECH
15	Sanket Maliye	CSE	49	shubham hemraj shendre	MECH
16	MAYURI BURADE	CSE	50	DAIMOND B. PATIL	MECH
17	Sandhya Uttamrao Rakshit	CSE	51	Archana Thakare	IT
18	shubham khobragade	CSE	52	Suyesha Tokekar	IT
19	RASHMI G. SHASTRAKAR	CSE	53	Vaishnavi Lanjewar	IT
20	Jayesh Wadibhasme	CSE	54	Yogeeta Eknath Devghare	IT
21	JENIS KHAN	CSE	55	Gaurav Lambat	IT
22	vaishnavi	CSE	56	Alisha.M.Sheikh	Civil
23	Pooja Sitaramji Bakre	EN	57	Archana Khushal Nakhate	Civil
24	Payal m. Chandekar	EN	58	ashwini kishor jaiswal	Civil
25	priya shende	EN	59	Chaitri Shinde	Civil
26	Roshani Thakur	EN	60	Dimple Sudhakar Khapekar	Civil
27	Rupali V. Dekate	EN	61	Dipali Borkar	CSE
28	Prerna	EN	62	MAYUR HANDE	Civil
29	Aditya Dilip Wani	MECH	63	Mohit Gaikwad	Civil
30	Akshay Babhare	MECH	64	Nikhil Shilwant Meshram	Civil
31	ashendrakumar pal	MECH	65	Ojaswi Ganjude	Civil
32	Ashutosh Zode	MECH	66	pranali prakash vinchurkar	Civil
33	GAYATRI BEDRE	MECH	67	pranali lambat	CSE
34	Harshal Anil Ramteke	MECH	68	Pranjali K. Karhade	Civil

Sr No	Name Of Students	Branch	Sr No	Name Of Students	Branch
70	Pratiksha Prakash Barapatre	CSE	104	snehal sunil gaurkar	ECE
71	SAYALI SUBHASH NARSE	Civil	105	Surekha Prakash Tarekar	ECE
72	Vaibhav Dilip Nimburkar	Civil	106	VAISHNAVI P. YADAV	ECE
73	Mayanka Dhengle	Civil	107	ASHLESHA WANKHEDE	ECE
74	Devyani Surendra Raut	Civil	108	payal singh	ECE
75	Himali Ramteke	Civil	109	Achal Dhote	ECE
76	Abhijit Prakash Thaware	ECE	110	Bhushan Mahadeo Ghubade	ECE
77	Anand H.Kawale	ECE	111	Vinay M. Khadgi	ECE
78	ankita malik	ECE	112	shital vilas thawkar	CSE
79	ankita ukey	ECE	113	HARSHA FULZELE	ECE
80	Aparna	ECE	114	Swarda M Shete	ECE
81	ASHWINI B. BORKAR	CSE	115	Novita	ECE
82	Ashwini Ramesh Kantode	ECE	116	ASHVINI D.RANCHALWAR	ECE
83	ashwini tataji bansod	ECE	117	Trupti R. Sontakke	ECE
84	kirti lehandas ramteke	ECE	118	Ruchita Ramchandra Raut	ECE
85	Manish G.Kalambe	ECE	119	Shubham Anandrao Mohurle	Civil
86	Mayuree Giridhar Thakare	ECE	120	ANKITA HEDAOO	CSE
87	MAYURI N MANKAR	ECE	121	Nikita Hedaoo	CSE
88	Namrata Arjunrao Wankhade	ECE	122	Devyani Shahu	CSE
89	nayna sunil waghmare	ECE	123	shubhangi baban batki	IT
90	Nikita gopal ukey	ECE	124	Aishwarya	CSE
91	NIKITA P. CHOUDHARI	ECE	125	Supriya S. Tirpude	ECE
92	Nikita Shiwdas Dudhpachare	ECE	126	Chandani A. Bandane	ECE
93	Pooja Dhomne	ECE	127	Poonam u. mistry	Civil
94	Poonam P.Bawankar	ECE	128	Rahul lahu ilamkar	Civil
95	Pragati Kisan Wankhede	ECE	129	Kajal Pustode	Civil
96	Prajyot Rajesh Khode	ECE	130	Velanshri Alone	EN
97	Pranjal Arunkumar Kuthe	ECE	131	Harsh R.Tiwari	CSE
98	rachana	ECE	132	Dhanshree Moundekar	IT
99	Sakshi Pandit	ECE	133	Aniket Dilip Khadse	CSE
100	Sakshi	ECE	134		
101	Samta Dhole	ECE	135		
102	Shruti Milind Chitrio	ECE			

  
Dr. P. M. Palkar  
T & P Cell I/C

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



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IT TRAINING INSTITUTE

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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:



Stamp:





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(Department of Electronics & Communication  
Engineering)  
Harpur Nagar, Umred Road, Nagpur-24**

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**NAGPUR : LAXMI NAGAR BRANCH**

262/D, Near Laxmi Nagar Water Tank,  
Nagpur - 440022 (MS)  
Ph: 0712-3922051

E-mail : [cmsitnagpur@gmail.com](mailto:cmsitnagpur@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



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

Place: Nagpur

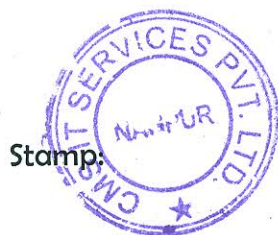
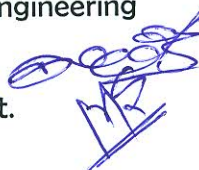


**Head**  
**Electronics & Communication**  
Priyadarshini Bhagwati College of Engg.  
Umrer Road, Nagpur.

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.







**CMS**<sup>TM</sup>  
IT TRAINING INSTITUTE

Expect The World From Us  
A 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 : [cmsitnagpur@gmail.com](mailto:cmsitnagpur@gmail.com)

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About the Company:

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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>	9689049881	<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>P.B. Gajbe</u>
5.	Diksha S. Tayde	4 <sup>th</sup>	9657756587	<u>D. Tayde</u>
6.	Neha S. Chandekar	4 <sup>th</sup>	9849440822	<u>N. Chandekar</u>
7.	Trupti G. Swinde	6 <sup>th</sup>	8378834279	<u>T. Swinde</u>
8.	Ragini R. Jadhao	4 <sup>th</sup>	8237705014	<u>R. Jadhao</u>
9.	Diksha M. Vaidya	2 <sup>th</sup>	9620319511	<u>D. Vaidya</u>
10.	Ominal G. Charnal	4 <sup>th</sup>	9975917571	<u>O. Charnal</u>
11.	Krutika N. Chapple	4 <sup>th</sup>	8087914123	<u>K. Chapple</u>
12.	Bhagyashree D. Kawale	4 <sup>th</sup>	9823142612	<u>B. Kawale</u>
13.	Nikita U. Bandhewar	4 <sup>th</sup>	9638991808	<u>N. Bandhewar</u>
14.	Roma V. Umreth	4 <sup>th</sup>	9757275160	<u>R. Umreth</u>
15.	Vaishnavi G. Nile	4 <sup>th</sup>	9527621325	<u>V. Nile</u>
16.	Ankita A. Shende	4 <sup>th</sup>	9145143086	<u>A. Shende</u>
17.	Neha P. Meshram	4 <sup>th</sup>	7038761339	<u>N. Meshram</u>
18.	Achal A. Jain	4 <sup>th</sup>	8806583341	<u>A. Jain</u>
19.	Ku. Harshal R. Khandait	4 <sup>th</sup>	7721861417	<u>H. Khandait</u>
20.	Papeeta D. Alone.	4 <sup>th</sup>	8407995815	<u>P. Alone</u>
21.	Ashwini P. Wadhav	4 <sup>th</sup>	4409419690	<u>A. Wadhav</u>
22.	Sejal L. Kadak	4 <sup>th</sup>	9370538354	<u>S. Kadak</u>
23.	Kajal R. Vaidya	4 <sup>th</sup>	9834352075	<u>K. Vaidya</u>

