



**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)  
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**NAAC Accredited**

**Department of Faculty Development Cell**

**Academic session 2020-2021**

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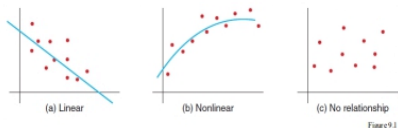
**Report on Webinar on “Regression Analysis In Python”**

1. Event Title : Webinar on “Regeression Analysis In Python”
2. Event Date : 8<sup>th</sup> June 2020
3. Event conduction duration : 4.00 to 5.30 pm
4. Event venue : Online (ZOOM Meeting)
5. Event resource person : Mr.Sanket Joshi,Director of Logic Unlocked Ltd,Nagpur
6. Name of Event Coordinator : Ms.A.A.Nikose
7. Number of students/Faculty: 148
8. Objective : To understand what is Regression Analysis, Importance of regression analysis in machine learning and different method of regression Analysis
9. Outcome : Understood the basic Concepts of Regression Analysis in Machine Learning and Learn How to implement various methods of Regression Analysis using Python

**Simple Linear Regression**

Finds a linear relationship between:  
- one independent variable  $X$  and  
- one dependent variable  $Y$

First prepare a scatter plot to verify the data has a linear trend.  
Use alternative approaches if the data is not linear.



*Amikose*

**Signature of I/C Faculty Development Cell  
(Ms.A.A.Nikose)**

*Dr. N. K. Choudhari*

**Dr N. K. Choudhari  
Principal**

