



**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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Academic Year 2019-20

6.3.3.1 Teaching staff participating in Faculty development Programmes (One Week FDP /professional development /administrative training programs) during the year 2019-20

INDEX

Sr. No	Year	Name of teacher who attended	Title of the One Week FDP -MDP- professional development - administrative training program	Dates (from-to) (DD-MM-YYYY)
1.	2019-20	Mr. K. N. Hande	NPTEL AICTE Faculty Development Program on Introduction to Internet Of Things	July To Oct 2019 (12 Week NPTEL Course)
			NPTEL AICTE Faculty Development Program Ethical Hacking	July To Oct 2019 (12 Week NPTEL Course)
2.	2019-20	Ms. A. A. Nikose	One Week FDP on Data Processing and data Visualization using Python	26-05-2020 to 30-05-2020
			One Week STTP on Latest Trend in Mechanical Engineering and Technology	26-05-2020 to 31-05-2020
			TEQIP One Week FDP on Machine Learning and Deep Learning Applications in Engineering & Science	16-05-2020 to 20-05-2020
			One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
			One Week FDP on Introduction to Forensic Science and Digital & Cyber Forensics	15-05-2020 to 19-05-2020
			One Week FDP on Introduction To Artificial Intelligence and Machine Learning	25-05-2020 to 30-05-2020
			One Week FDP on Information Security and Cryptography	09-12-2019 to 13-12-2019
3.	2019-20	Mr. D. V. Jamthe	online course RESEARCH METHODOLOGY	05-05-2020 to 11-05-2020
			One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
			One Week FDP on Overcoming the Challenge in Adapting Online Technology in Teaching Learning	06-05-2020 to 11-05-2020
			One Week FDP on Cyber Security	14-05-2018 to 18-05-2020
			One Week FDP on ARDUINO	20-05-2020 to 24 -05-2020
4.	2019-20	Mr. D.B. Khadse	NPTEL AICTE Faculty Development Program on Cloud Computing	Aug To Oct 2020(NPTEL 12 Week Course)



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			One Week Online Faculty Development Program on "Scilab" organized by Department of	04-05-2020 to 09-05-2020
			One Week FDP on Python 3.4.3	20-04-2020 to 25-04-2020
			One Week FDP on Latex	18-05-2020 to 23-05-2020
			One Week FDP on Introduction to Forensic Science and Digital & Cyber Forensics	15-05-2020 to 19-05-2020
			One Week FDP on Spoken Tutorial Technology	03-05-2020 to 09-05-2020
			One Week FDP on R Program	05-05-2020 to 09-05-2020
5.	2019-20	Ms. K. A. Ande	NPTEL-AICTE FDP on cloud Computing	Aug-Oct 2019
6.	2019-20	Ms. R. P. Dagde	One Week FDP on R Program	05-05-2020 to 09-05-2020
			NPTEL AICTE Faculty Development Program on Introduction To Machine Learning	July To Sept 2019(12 Week NPTEL: Course)
7.	2019-20	Dr. M. S. chaudhari	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
8.	2019-20	Ms. S. H. Chaflekar	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
			One Week FDP on Latex	18-05-2020 to 23-05-2020
			NPTEL-AICTE Faculty Development Program on Introduction to Machine Learning	July To Sept 2019(12 Week NPTEL: Course)
			One Week FDP on python 3.3.3 in association with IITB Spoken Tutorial	20-04-2020 to 25-04-2020
			One Week FDP on PHP and MYSQL in association with IITB Spoken Tutorial	24-04-2020 to 30-04-2020
9.	2019-20	Dr.Mrs. R. A. Pimpale	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
			One Week FDP ON Renewable Energy Sources: A Way Ahead	15-05-2020 to 21-05-2020
			One Week FDP on Artificial Intelligence	24-05-2020 to 26-05-2020
10.	2019-20	Dr.D.M.Kate	One Week FDP on Overcoming the Challenges in Adapting Online Technology in Teaching Learning	6-05-2020 to 11-05-2020



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			One Week FDP on ARDUINO	13-05-2020 to 18-05-2020
11.	2019-20	Dr.P.R.Bokde	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	04-05-2020 to 09-05-2020
			One Week FDP on "Online Teaching-Learning Processes using ICT Tools for Education 4.0"	06-05-2020 to 11-05-2020
			One Week FDP on Python + Django Framework	20-05-2020 to 02-06-2020
12.	2019-20	Dr.S.B.Dhoble	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	20-05-2020 to 02-06-2020
13.	2019-20	Ms. S. Dhanvijay	One Week Online Faculty Development Program on Python + Django	20-05-2020 to 02-06-2020
14.	2019-20	Ms. T. Pathan	One Week FDP on Python + Django Framework	04-05-2020 to 09-05-2020
			One Week FDP on Indian Electricity Market	20-05-2020 to 02-06-2020
15.	2019-20	Mr. P M Palkar	One Week FDP on Python + Django Framework	
			One Week Online Faculty Development Program on "Scilab" organized by Department of	20-05-2020 to 02-06-2020
			One Week FDP on Overcoming the Challenges in Adapting Online Technology in Teaching Learning	04-05-2020 to 09-05-2020
16.	2019-20	Ms. P. V. Gawande	One Week FDP on ARDUINO	06-05-2020 to 11-05-2020
			One Week FDP on Python + Django Framework	13-05-2020 to 18-05-2020
			One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	20-05-2020 to 02-06-2020
			One Week FDP on Overcoming the Challenges in Adapting Online Technology in Teaching Learning	04-05-2020 to 09-05-2020
			One Week FDP on ARDUINO	06-05-2020 to 11-05-2020
17.	2019-20	Ms. A. P. Thakare	One Week FDP on Python + Django	13-05-2020 to 18-05-2020



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			Framework	
			One Week STTP on Latest Trend in Mechanical Engineering and Technology	20-05-2020 to 02-06-2020
			One Week FDP on Java	26-05-2020 to 31-05-2020
			One Week FDP on Advanced C++	17-05-2020 to 22-05-2020
			One Week FDP on Overcoming the Challenges in Adapting Online Technology in Teaching Learning	14-5-2020 to 20-5-2020
18.	2019-20	Mr.A.D.Landge	One Week FDP on "Advances in Civil Engineering"	06-05-2020 to 11-05-2020
			One Week FDP on "Metro Rail Technology	26-05-2020 to 30-05-2020
19.	2019-20	Mr. P. N. Aerkewar	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	08-04-2020 to 14-04-2020
20.	2019-20	Mr. N. B. Thikare	AICTE NPTEL Online One Week FDP on Rapid Manufacturing by	04-05-2020 to 09-05-2020
			One Week FDP On Introduction to Forensic Science and Digital and Cyber Forensics	01-09-2020 to 11-09-2020
21.	2019-20	Ms. S.P. Gurway	One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	20-05-2020 to 02-06-2020
			One Week FDP on Renewable Energy Sources Away Ahead	04-05-2020 to 09-05-2020
22.	2019-20	Mr. S.G. Ghugal	One Week STTP On "Latest Trend in Mechanical Engineering and Technology"	03-05-2020 to 09-05-2020
			One Week FDP on ARDUINO	26-05-2020 to 31-05-2020
			One Week FDP on Pearl	13-05-2020 to 18-05-2020
			One Week FDP on Python	03-05-2020 to 09-05-2020
			One Week FDP on LaTeX	20-04-2020 to 25-04-2020
			One Week Online Faculty Development Program on "Scilab" organized by Department of	18-05-2020 to 23-05-2020
			5 Days Webinar Series on CAE Driven Product Design Organised by Raja Ram Bapu Institute of Technology Rajaramnagar Kolhapur, Altair Engineering Private Limited and SAENIS EFICYCLE 2020	04-05-2020 to 09-05-2020
23.	2019-20	Dr. M.R. Moroliya	One Week FDP on Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)	23-05-2020 to 27-05-2020
			One Week Online Faculty Development	26-05-2020 to 30-05-2020



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			Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	
			NPTTEL on NBA Accreditation and Teaching and Learning in Engineering (NATE)	04-05-2020 to 09-05-2020
			NPTTEL-AICTE One Week FDP on Accreditation and Outcome Based Learning.	Jan-April 2020
			One Week FDP on Moodle-Learning Management system organised	Aug-Oct 2019
24.	2019-20	Dr. S. P. Daf	One Week FDP ON Renewable Energy Sources: A Way Ahead	04-05-2020 to 09-05-2020
25.	2019-20	Mr. A. D. Anjekar	One Week FDP on ARDUINO	13-05-2020 to 18-05-2020
			One Week FDP on Latex	18-05-2020 to 23-05-2020
			One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
26.	2019-20	Dr. R. K. Pohane	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
27.	2019-20	Mr.S.M. Pimpalgaonkar	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-5-2020 to 31-5-2020
28.	2019-20	Mr. A. B. Ganorkar	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-5-2020 to 31-5-2020
29.	2019-20	Mr. S. V. Kale	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
30.	2019-20	Ms. S. V. Borkar	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
31.	2019-20	Ms. K. D. Ganvir	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
32.	2019-20	Dr. R. N. Patil	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
33.	2019-20	Mr.K. V. Madurwar	One week FDP on "Latest Trend in Mechanical Engineering and Technology" organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020



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34.	2019-20	Mr.T R. Patil	One week FDP on “Latest Trend in Mechanical Engineering and Technology” organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur	26-05-2020 to 31-05-2020
35.	2019-20	Ms. N. R. Gautam	One Week FDP on Overcoming the challenges in adapting online technology in teaching learning.	4-05-2020 to 8-05-2020
36.	2019-20	Dr.(Mrs.) Archana R. Chaudhari	One Week FDP on “Emerging Pedagogical Technologies for Development of Research oriented Teaching and Learning process.	06-05-2020 to 11-05-2020
			One Week FDP on Spoken Tutorial Technology	06-12-2020 to 10-12-2020
			One Week STTP ON Advanced Trends in Engineering	03-05-2020 to 09-05-2020
			Advance Optimization Tools and Techniques for Researchers and Engineers	19-05-2020 to 23-05-2020
			Moodle- Learning Management System	23-05-2020 To 27-05-2020
37.	2019-20	Mr. R.K. Bhojar	One Week Online Faculty Development Program on “Scilab” organized by Department of	04-05-2020 To 08-05-2020
			12 weeks NPTEL-AICTE One Week FDP on "Introduction to Methods of Applied Mathematics	04-05-2020 To 09-05-2020
			One Week Online Faculty Development Program on “Scilab” organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India	July- Oct 2019
			One Week FDP on " Spoken Tutorial Technology"	04-05-2020 to 09-05-2020
			One Week STTP on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering”.	18-05-2020 to 22-05-2020
38.	2019-20	Dr. S. R. Suple	One Week FDP on “Overcoming the challenges in adopting online technology in teaching learning.”	18-05-2020 to 22-05-2020
			One Week FDP on "Advances in Civil Engineering" organized by NIT, Nagpur.	06-05-2020 to 11-05-2020
			One Week STTP on- Infrastructure development:Possibilities and challenges ahead	26-05-2020 to 30-05-2020
			One Week FDP on Application of Mathematical Sciences	26-05-2020 to 29-05-2020
39.	2019-20	Ms. A. M. Sorte	One Week FDP on Overcoming the challenges in Adapting online technology in teaching learning	13-07-2020 to 18-07-2020
			One Week FDP on Overcoming challenges in adapting online technology in teaching learning	06-05-2020 to 11-05-2020
			Application of Mathematical Sciences	13-07-2020 to 18-07-2020



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40.	2019-20	Dr. R V. Harane	Overcoming the challenges in Adapting online technology in teaching learning	06-05-2020 to 11-05-2020
			Scilab Training	04-05-2020 to 09-05-2020
			One week STTP on MATLAB based teaching learning in mathematics ,Science and Engineering	18-05-2020 to 22-05-2020
			One week FDP on Overcoming challenges in adapting online technology in teaching learning, Jhulelal Institute of Technology, Nagpur	06-05-2020 to 11-05-2020
41.	2019-20	Ms. S. A. Bhande	One week FDP on Electric vehicle, Jhulelal Institute of Technology, Nagpur	11-05-2020 to 16-05-2020
			Latest Trend in Mechanical Engineering and Technology, Priyadarshini Bhagwati College of Engg, Nagpur	26-05-2020 to 31-05-2020
			One week FDP on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning	06-05-2020 to 11-05-2020
42.	2019-20	Ms. V. M. Atakari	One week FDP on Overcoming challenges in adapting online technology in teaching learning, Jhulelal Institute of Technology, Nagpur	06-05-2020 to 11-05-2020
43.	2019-20	Dr. A.Haldar	NPTEL Program on Manufacturing of Composites	Aug- Oct 2019
			Ph.D. Course Work held at G H Rasoni University, Amravati	02-12-2019 to 09-12-2019
44.	2019-20	MS. U. V. Gaikwad	One week FDP on Overcoming the Challenges in Adapting Online Technology in Teaching Learning	06-05-2020 to 11-05-2020
			One Week Online Faculty Development Program on Scilab	04-5-2020 to 09-05-2020
45.	2019-20	Ms. J. V. Deshmukh	One Week STTP on "MATLAB based Teaching-Learning in Mathematics, Science & Engineering".	18-05-2020 to 22-05-2020
			One week online Faculty Development Program on PERL	23-05-2020 to 27-05-2020

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 Roll No: NPTEL19CS65S61850128

To
 KAPIL NAROTTAM HANDE
 532 A HANUMAN NAGAR
 NAGPUR
 MAHARASHTRA
 440024
 PH. NO :9822422666



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KAPIL NAROTTAM HANDE
 for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	24.16/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: 7675

A. Goswami

Jul-Oct 2019
 (12 week course)

Prof. Adrijit Goswami
 Dean, Continuing Education & NPTEL Coordinator
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS65S61850128

To validate and check scores: <https://nptel.ac.in/noc/>



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Roll No: NPTEL19CS68S41850358

TO KAPIL NAROTTAM HANDE
 532 A HANUMAN NAGAR
 NAGPUR
 MAHARASHTRA
 440024
 PH. NO :9822422666

Duration of NPTEL course: 12 Weeks




No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE

Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to


KAPIL NAROTTAM HANDE

for successfully completing the course


Ethical Hacking

with a consolidated score of **77 %**




 Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2019)


 Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS68S41850358 To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



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Lokmanya Tilak Jankalyan Shikshan Sanstha's
Priyadarshini College of Engineering, Nagpur
 Department of Computer Technology

In Association with
 PCE ACM Student Chapter and Logic Unlocked Ltd

Certificate of Participation

This is to certify that

Dr./Mr./Mrs./Ms. Archana A Nikose
 has participated in One week (Online) Faculty Development Program on
 "Data Processing and Data Visualization using Python" from
 26th May 2020 to 30th May 2020.

Mrs. Rubana Khan. ACM Faculty Sponsor
 Mr. Sanket Joshi Data Scientist Logic Unlocked Ltd
 Prof. Jyotsna P. Gabhane Coordinator
 Dr. (Mrs.) N.M. Thakare. HOD, Dept. of Computer Technology
 Dr. M.P. Singh Principal, PCE



Lokmanya Tilak Jankalyan Shikshan Sanstha's
Priyadarshini Bhagwati College of Engineering, Nagpur



Internal Quality Assurance Cell Initiative
 one Week Online STTP On

"Latest Trend in Mechanical Engineering and Technology"

ISHRAE
 Nagpur Chapter

CERTIFICATE

This is to certify that Mr./Ms. **Archana A Nikose**
 From **Priyadarshini Bhagwati College of Engineering**
 has Participated in One Week Short Term Training Program
 on **"Latest Trend in Mechanical Engineering and Technology"**
 organized by **Department of Mechanical Engineering**
 of P.B.C.O.E, Nagpur in association with **ISHRAE Nagpur Chapter**
 from 26th -31st May 2020.

Certificate No: **P1QXQC-CE000052**

Mr. Ajay Pandey
 President
 ISHRAE-Nagpur Chapter

Dr. N.K. Choudhari
 Principal
 P.B.C.O.E, Nagpur

Prof. S.M. Pimpalgaonkar
 H.O.D. (Mech. Dept.)

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



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GOVERNMENT COLLEGE OF ENGINEERING KARAD
&
RAJKIYA ENGINEERING COLLEGE AZAMGARH

Jointly Organized
 One Week Online Faculty Development Program on
“Machine Learning and Deep Learning Applications in Engineering & Science”
 (16th May 2020 to 20th May 2020)
 under
 Technical Education Quality Improvement Program - III

CERTIFICATE OF PARTICIPATION


This is to certify that
Archana A. Nikose
 of
Priyadarshini Bhagwati College of Engineering, Nagpur
 Registration Number **1223**

has Participated in One Week TEQIP - Online Faculty Development Program on “Machine Learning and Deep Learning Applications in Engineering and Science (MLDLAES - 2020)” from 16th May - 20th May 2020 (Sponsored by Technical Education Quality Improvement Program -III) Organized by Civil Engineering Department, Government College of Engineering, Karad.


Prof. Amarsinh B. Landage
 Coordinator


Prof. B. A. Konnur
 Convener &
 TEQIP III Coordinator


Prof. S. S. Valunekar
 Chairman &
 Head of Department


Prof. A. T. Pise
 Principal
 GCE Karad

This is e-certificate, for any verification you may contact Department of Civil Engineering, Government College of Engineering Karad




S. B. Jain Institute of Technology,
Management & Research, Nagpur
NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program
 on
Scilab
Certificate

This is to certify that **Ms. ARCHANA A NIKOSE** from Priyadarshini Bhagwati College Of Engineering has participated in **One Week Online Faculty Development Program on “Scilab”** organized by **Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research** in association with **Spoken Tutorial Project, Indian Institute of Technology Bombay** funded by **National Mission on Education through ICT, MHRD, Govt. of India** from 4th - 9th May 2020.


Mr. Pankaj Taklikar
 Coordinator


Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)


Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSLOD3



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






NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
 (Accredited by NAAC)

Department of Information Technology

In Association With

Department of Forensic Science
GOVERNMENT INSTITUTE OF FORENSIC SCIENCE, NAGPUR

Organizes

One-Week (Online) Faculty Development Program
 on

"Introduction to Forensic Science and Digital & Cyber Forensics"
15.05.2020 to 19.05.2020

CERTIFICATE

This is to certify that Dr./ Mr./ Mrs./ Ms. **Archana A Nikose**

has participated in the one-week Faculty Development Program from 15th May 2020 To
 19th May 2020.


Prof. Jagdish Pimple
 Head & Asst. Professor
 Department of IT, NIT
 Nagpur


Shri Ashish Badiye
 Resource Person
 Head & Asst. Professor
 Department of Forensic Science
 Govt. Institute of Forensic Science, Nagpur


Dr. Amol Deshmukh
 Principal
 Nagpur Institute of Technology
 Nagpur





Geethanjali College of Engineering and Technology
 UGC AUTONOMOUS INSTITUTION
 Permanently Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with 'A' grade and NBA.
 Cheeryal(v), Keesara(M), Medchal Dist. Telangana State-501301.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Certificate of Participation

This is to certify that **Archana A Nikose**

of **Priyadarshini Bhagwati College Of Engineering** has participated

in a one week National Level Online Faculty Development Programme on "Introduction to Artificial Intelligence and Machine Learning" from 25-05-2020 to 30-05-2020 organised by Department of CSE in association with CSI-Hyderabad.



Dr. D S R Murthy
HOD




Dr Udaya Kumar Susarla
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






Certificate of Participation


Workshop on
Information Security & Cryptography


organized by
 Department of Computer Science & Engineering,
 Visvesvaraya National Institute of Technology, Nagpur




This is to certify that Mr./Ms./Mrs./Dr. Aschana A. Nikase
PBCE, Nagpur

has participated in one week workshop on "Information Security & Cryptography" (ISC- 2019)
 under ISEA Project Phase-II held at, Computer Science & Engineering Department, VNIT, Nagpur
 during 9th to 13th December 2019.


Dr. Syed Taqi Ali
 Workshop Coordinator
 ISC-2019


Dr. U. A. Deshpande
 Head, CSE, VNIT, Nagpur &
 Workshop Coordinator
 ISC-2019


Dr. S. R. Sathe
 ISEA, Project Coordinator
 VNIT, Nagpur


 || विद्या धनम् सर्वधनम् ||
 प्रथमम् ||

S. B. Jain Institute of Technology, Management & Research, Nagpur

NAAC Accredited with 'A' Grade


Spoken Tutorial

One Week Online Faculty Development Program

on
Scilab

Certificate

This is to certify that **Mr. DINESH JAMTHE** from **PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR** has participated in **One Week Online Faculty Development Program on "Scilab"** organized by **Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research** in association with **Spoken Tutorial Project, Indian Institute of Technology Bombay** funded by **National Mission on Education through ICT, MHRD, Govt. of India** from 4th - 9th May 2020.


Ms. Ayushi Jaiswal
 Coordinator


Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)


Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSLID6





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





ATAL



AICTE



NITTR
CHANDIGARH

No:ATAL/2020/447317

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is to be certified that **DINESH VIJAY JAMTHE** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 14-05-2020 to 18-05-2020 at National Institute of Technical Teachers Training & Research, Chandigarh.


 Director ATAL Academies




 Coordinator



Shri Ramdeobaba College
of Engineering and Management, Nagpur
 Department of Electronics Engineering
One Week Online Faculty Development Program
 On
“ARDUINO”
Certificate



This is to certify that Mr. / Ms. / Prof. / Dr. **DIPAK B KHADSE**

has successfully participated from **PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING NAGPUR**

in **One week online Faculty Development Program on “ARDUINO”** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 20 - 24, 2020.


Dr Parag S. Jawarkar
 Coordinator

Certificate No.: SUHC98-CE000235

Date: 24-5-2020


Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)



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



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL19CS64S41850412

TO
 DIPAK B KHADSE
 PLOT NO 98 SAMADHAN NIWAS AYODHYA NAGAR
 NAGPUR
 MAHARASHTRA
 440024
 PH. NO :9545341777

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite
NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DIPAK B KHADSE
 for successfully completing the course
Cloud Computing



with a consolidated score of **75** %

Online Assignments **25.00/25** Proctored Exam **50.37/75**

Total number of candidates certified in this course: **2460**

A. Goswami

Aug-Oct 2019
 (8 week course)

Prof. Adrijit Goswami
 Dean, Continuing Education & NPTEL Coordinator
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS64S41850412

To validate and check scores: <https://npTEL.ac.in/noc/>



**S. B. Jain Institute of Technology,
 Management & Research, Nagpur**
NAAC Accredited with 'A' Grade



Spoken Tutorial

One Week Online Faculty Development Program
 on
Scilab
Certificate

This is to certify that **Mr. DIPAK B KHADSE** from Priyadarshini Bhagwati College Of Engineering Nagpur has participated in **One Week Online Faculty Development Program on "Scilab"** organized by **Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research** in association with **Spoken Tutorial Project, Indian Institute of Technology Bombay** funded by **National Mission on Education through ICT, MHRD, Govt. of India** from 4th - 9th May 2020.

Mr. Pankaj Taklikar
 Coordinator

Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSL085



S. B. Jain Institute of Technology, Management & Research

Near Jain International School, Katol Road, Nagpur - 441501

NAAC Accredited with grade



*One Week Online Faculty Development Programme on
 Python 3.4.3*

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. DIPAK B KHADSE** of
 college **PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR** has
 been participated in **One Week Online Faculty Development Programme on "Python 3.4.3"**,
 organized by **Department of Computer Science and Engineering, SBJITMR** in association with
Spoken Tutorial Project, IIT Bombay funded by **National Mission on Education through ICT,
 MHRD, Govt. of India.**
 from 20th April to 25th April 2020.



TITIKSHA BHAGAT
FDP Coordinator

ANIMESH TAYAL
Convener & HOD (CSE Dept)

DR. SANJAY. L. BADJATE
Principal, SBJITMR



Education to Eternity

**J D College of Engineering
 & Management, Nagpur**

An Autonomous Institute



Affiliated to Technological University Of Maharashtra.

This is to certify that Dr./Prof.

DIPAK B KHADSE

has

participated in one week **"Online Faculty Development Program on LaTeX"**
 from **18th May to 23rd May 2020** at J D College of Engineering & Management
 in association with Spoken Tutorial, IIT Bombay.

Prof. M.M. Baig
Faculty Coordinator
of Spoken Tutorial

Dr. B.R. Mahajan
Head of Department
Mechanical Engineering

DR. S.V. Sonekar
Vice Principal
JDCOEM

DR. S.R. Chaudhari
Principal
JDCOEM



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



NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
 (Accredited by NAAC)



Department of Information Technology

In Association With



Department of Forensic Science
GOVERNMENT INSTITUTE OF FORENSIC SCIENCE, NAGPUR

Organizes
 One-Week (Online) Faculty Development Program
 on

"Introduction to Forensic Science and Digital & Cyber Forensics"
15.05.2020 to 19.05.2020

CERTIFICATE

This is to certify that Dr./ Mr./ Mrs./ Ms. **DIPAK B KHADSE**

has participated in the one-week Faculty Development Program from 15th May 2020 To
 19th May 2020.

Prof. Jagdish Pimple
 Head & Asst. Professor
 Department of IT, NIT
 Nagpur

Shri Ashish Badiye
 Resource Person
 Head & Asst. Professor
 Department of Forensic Science
 Govt. Institute of Forensic Science, Nagpur

Dr. Amol Deshmukh
 Principal
 Nagpur Institute of Technology
 Nagpur



SSCT's
JHULELAL INSTITUTE OF TECHNOLOGY
 Approved by AICTE, New Delhi & (DTE) Maharashtra State | Affiliated to RTM Nagpur University
 Off Koradi Road, NAGPUR



One Week Faculty Development Program on
"Spoken Tutorial Technology"

Organized by
Department of Mechanical Engineering
 In Association with Spoken Tutorial IIT Bombay

Certificate

This is to Certify that **DIPAK KHADSE** has successfully completed one week faculty
 development program, on "Spoken Tutorial Technology" from 03 May - 09 May 2020.



Dr. Narendra Bawane
 Principal, JIT

Prof. Prakash Dhopte
 Convener, HOD M.E

Prof. Amar Kawale
 Organising Secretary

Prof. Anurag Karande
 Organising Secretary



**S. B. JAIN INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NAGPUR**

NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program

On
"R"

Certificate



This is to certify that Mr. / Ms. / Prof. / Dr. **DIPAK B KHADSE**

has successfully participated from **PRIYADARSHINI BHAGWATI COLLEGE OF
ENGINEERING NAGPUR**

in **One week online Faculty Development Program on "R"** organized by Department of Mechanical Engineering,
S. B. Jain Institute of Technology, Management & Research, Nagpur in association with Spoken Tutorial Project,
Indian Institute of Technology, Bombay from May 5th, 2020 to May 9th, 2020.

Prof. Amit Tajne

Convener

S. B. Jain Institute of Technology,
Management & Research, Nagpur

Certificate No.: MJITEM-CE000254

Date: 11-5-2020

Dr. Sanjay Badjate

Organizing Chair

S. B. Jain Institute of Technology,
Management & Research, Nagpur



**S. B. JAIN INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NAGPUR**

NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program

On
"R"

Certificate



This is to certify that Mr. / Ms. / Prof. / Dr. **Rashmi Dagde**

has successfully participated from **PBCOE, Nagpur**

in **One week online Faculty Development Program on "R"** organized by Department of Mechanical Engineering,
S. B. Jain Institute of Technology, Management & Research, Nagpur in association with Spoken Tutorial Project,
Indian Institute of Technology, Bombay from May 5th, 2020 to May 9th, 2020.

Prof. Amit Tajne

Convener

S. B. Jain Institute of Technology,
Management & Research, Nagpur

Certificate No.: MJITEM-CE000048

Date: 11-5-2020

Dr. Sanjay Badjate

Organizing Chair

S. B. Jain Institute of Technology,
Management & Research, 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



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19CS52521720287
 TO RASHMI DAGDE
 NEAR VAIDYA HOUSE KILLA MAHAL NAGPUR
 NAGPUR
 MAHARASHTRA
 440052
 PH. NO :9561 122058



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
 An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
RASHMI DAGDE
 for successfully completing the course
Introduction to Machine Learning

with a consolidated score of **42** %

Online Assignments **11.58/25** Proctored Exam **30/75**

Total number of candidates certified in this course: 1976

A. Goswami
 Prof. Adrijit Goswami
 Dean, Continuing Education & NPTEL Coordinator
 IIT Kharagpur



Indian Institute of Technology Kharagpur

Jul-Sep 2019
 (8 week course)



Roll No: NPTEL19CS52521720287

To validate and check scores: <https://nptel.ac.in/noc/>



Certificate for Completion of Scilab Training

This is to certify that **MANOJ CHAUDHARI** has successfully completed Scilab test organized at **S.B. Jain Institute of Technology, Management & Research** by **ABHAY KASETWAR** with course material provided by the Spoken Tutorial Project, IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **AYUSHI JAISWAL** at **S.B. Jain Institute of Technology, Management & Research** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay**, funded by **National Mission on Education through ICT, MHRD, Govt., of India**.

May 9th 2020

Prof. Kannan M Moudgal
 IIT Bombay

245124106H



NAAC Accredited



**S. B. Jain Institute of Technology,
 Management & Research, Nagpur**
 NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program
 on
Scilab
Certificate



This is to certify that Prof. Snehal H. Chaflekar from Priyadarshini Bhagwati College Of Engineering has participated in One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.


 Mr. Pankaj Taklikar
 Coordinator


 Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)


 Dr. Sanjay Badjate
 Principal

Certificate Id: SBETC-FDPSLOB8



**J D College of Engineering
& Management, Nagpur**
 An Autonomous Institute

Education to Eternity





Affiliated to Technological University Of Maharashtra.

This is to certify that Dr./Prof.

Ms. Snehal Chaflekar has

participated in one week "*Online Faculty Development Program on LaTeX*"
 from *18th May to 23rd May 2020* at J D College of Engineering & Management
 in association with Spoken Tutorial, IIT Bombay.


 Prof. M.M. Baig
 Faculty Coordinator
 of Spoken Tutorial


 Dr. B.R. Mahajan
 Head of Department
 Mechanical Engineering


 DR. S.V. Sonekar
 Vice Principal
 JDCOEM


 DR. S.R. Chaudhari
 Principal
 JDCOEM



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 & Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

Ms. Prof. Snehal Chaflekar

Assistant Professor, Priyadarshini Bhagwati College Of Engineering Nagpur

has participated at **Three Day Online Faculty Development Program on Internet of Things (IoT)** organized by Department of Computer Science & Engineering, Anurag University, Hyderabad, India from 28th to 30th May 2020 .

Dr. A. Mallikarjuna Reddy
Convener

Dr. S. S. Rawat
Convener

Dr. G. Vishnu Murthy
Deputy Director,
HOD - CSE

Dr. V. Vijaya Kumar
Dean, CSE & IT

Dr. K. S. Rao
Director



NAAC Accredited

SINHGAD TECHNICAL EDUCATION SOCIETY'S
 Smt. Kashibai Navale College of Engineering, Pune 411041
Department of Computer Engineering

Sinhgad Institutes **Spoken Tutorials**

Rectangular Snip

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. **PROF. DR. RADHA PIMPALE** participated in a Faculty Development Program organized on "PHP and MySQL" by Spoken Tutorial Project, IIT Bombay from 24th April to 30th April, 2020 remotely at Smt. Kashibai Navale College of Engineering, Pune

Prof. S. A. Kahate Co-ordinator **Prof. R. P. Pathak** Co-ordinator
Dr. P. N. Mahalle Convener **Dr. K. R. Borole** Vice-Principal
Dr. A. V. Deshpande Principal

TO RADHA ANIL PIMPALE
 FLAT NO 101, RAJKAMAL APARTMENT, PLOT NO
 14, BHUJIRHAL LAYOUT
 NAGPUR
 MAHARASHTRA
 440022
 PH. NO :9423073189

Roll No: NPTEL19CS52S21720265

Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

NPTEL-AICTE
Faculty Development Programme
 (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
RADHA ANIL PIMPALE
 for successfully completing the course
Introduction to Machine Learning
 with a consolidated score of **56 %**

Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras

Prof. Dileep N. Malkhede
 Advisor-I (Research, Institute & Faculty Development)
 All India Council for Technical Education

(Jul-Sep 2019)

Roll No: NPTEL19CS52S21720265 To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



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





CERTIFICATE OF PARTICIPATION

This is to certify that


DR. MRS. RADHA PIMPALE


OfPRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR.....

has participated in Online Faculty Development Program on Renewable Energy Sources: A Way Ahead organised by Department of Mechanical Engineering in association with ASM International (American Society of Materials) Pune Chapter And ISHRAE (The Indian Society of Heating, Refrigerating and Air Conditioning Engineers) Nagpur Chapter during 15 May 2020 to 21 May 2020.


PRASANNA MAHANKAR
 Convener, FDP


MR. UDAYAN PATHAK
 Chairman,
 ASM International Pune Chapter


MR. AJAY PANDEY
 President,
 ISHRAE Nagpur Chapter


DR. B. P. JOSHI
 Principal,
 CCOEW Nagpur

CUMMINS_FDP_RES20-2194

www.cumminscollege.edu.in | E-mail: office@cumminscollege.edu.in



Lokmanya Tilak Jankalyan Shikshan Sanstha's
Priyadarshini Bhagwati College of Engineering, Nagpur
 Internal Quality Assurance Cell Initiative
 one Week Online STTP On





"Latest Trend in Mechanical Engineering and Technology"
ISHRAE
 Nagpur Chapter

CERTIFICATE

This is to certify that Mr./Ms. **Radha Pimpale**
 From **PBCOE, Nagpur**
 has Participated in One Week Short Term Training Program on **"Latest Trend in Mechanical Engineering and Technology"** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **ZFXYIO-CE000054**


Mr. Ajay Pandey
 President
 ISHRAE-Nagpur Chapter


Dr.N.K.Choudhari
 Principal
 P.B.C.O.E, Nagpur


Prof. S.M.Pimpalgaonkar
 H.O.D. (Mech. Dept.)


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



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



**GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES(A)
 ENGINEERING AND TECHNOLOGY PROGRAM**

(AFFILIATED TO ANDHRA UNIVERSITY | ACCREDITED BY NAAC | ISO 9001:2015)
 (UG ENGINEERING B.TECH (C.E,C.S.E,E.C.E,M.E) PROGRAMS ARE ACCREDITED BY NBA)

PARTICIPATION CERTIFICATE

THIS CERTIFICATE IS PRESENTED TO

DR. MRS. RADHA PIMPALE Priyadarshini Bhagwati College of
 Engineering, nagpur

For his/her participation in Five days Online Faculty Development Program on **ARTIFICIAL INTELLIGENCE** from
 22nd May - 26th May, 2020 organised by Department of Computer Science and Engineering, Engineering and Technology
 Program, Gayatri Vidya Parishad College for Degree and PG Courses(A) in collaboration with **BRAIN O VISION**.

Dr. Datachana Murthy
 National Executive President
 National Youth Council of India

Ganesh Nag Doddi
 CEO of Brainovision

Dr. T.M.N.Vamsi
 HOD - CSE

Prof. S.Raja
 Director

Prof. S.Rajani
 Principal



D.Y. PATIL
 DEPARTMENT OF
UNIVERSITY
 RAMRAO ADIK
 INSTITUTE OF TECHNOLOGY
 NAVI MUMBAI

DesignTech
 Technology for designing the future



5-Days Online STTP on

**MATLAB based Teaching-Learning in
 Mathematics, Science & Engineering**

Certificate of Participation

This is to certify that **Dr. Radha Pimpale** from **Priyadarshini Bhagwati College of Engineering Nagpur** has successfully completed the online Short Term Training Program on **"MATLAB based Teaching-Learning in Mathematics, Science & Engineering"**.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Mr. M M Zafar
 National Technical Manager,
 Designtech Systems Pvt Ltd.

Dr. Prasiddh Trivedi
 STTP Convenor

Dr Vishwesh A. Vyawahare
 Head, Electronics Engg., RAIT

Dr. Mukesh D. Patil
 Principal, RAIT



<http://www.dypatil.edu/mumbai/rait/>



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**S. B. JAIN INSTITUTE OF TECHNOLOGY,
 MANAGEMENT & RESEARCH, NAGPUR**

NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program

On
"R"

Certificate



This is to certify that Mr. / Ms. / Prof. / Dr. **Dr. Mrs. Radha A. Pimpale**

has successfully participated from **LTJSS group of Institute, Nagpur**

in **One week online Faculty Development Program on "R"** organized by Department of Mechanical Engineering, S. B. Jain Institute of Technology, Management & Research, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 5th, 2020 to May 9th, 2020.

Prof. Amit Tajne
 Convener

Certificate No.: MJITEM-CE000147

Dr. Sanjay Badjate
 Organizing Chair

S. B. Jain Institute of Technology,
 Management & Research, Nagpur

Date: 11-5-2020


S. B. Jain Institute of Technology,
 Management & Research, Nagpur






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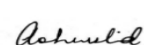
**Shri Ramdeobaba College
of Engineering and Management, Nagpur**
 Department of Electronics Engineering
One Week Online Faculty Development Program
 On
**“ARDUINO”
Certificate**


This is to certify that Mr. / Ms. / Prof. / Dr. **Dr.Dipalee M.Kate**
 has successfully participated from **PBCOE,Nagpur**
 in **One week online Faculty Development Program on “ARDUINO”** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 20 - 24, 2020.


Dr Parag S. Jawarkar
 Coordinator

Certificate No.: SUHC98-CE000093

Date: 24-5-2020


Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)



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**S. B. Jain Institute of Technology,
Management & Research, Nagpur**
NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program
 on
**Scilab
Certificate**

This is to certify that **Dr. PRAMOD RAMBHAU BOKDE** from Priyadarshini Bhagwati College Of Engineering has participated in **One Week Online Faculty Development Program on “Scilab”** organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.


Mr. Pankaj Taklikar
 Coordinator


Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)


Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSLoC3



Lokmanya Tilak Jankalyan Shikshan Sanstha's
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 (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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CIN - U72900MH2016PTC287986

and

Department of E&TC, Priyadarshini College of Engineering, Nagpur
 (A+ Grade NAAC accredited) Organized

FACULTY DEVELOPMENT PROGRAMME

This is to certify that

Mr./Ms./Mrs. Dr. Pramod Bokde
 of PBCE, Nagpur
 for successfully completing Faculty Development Programme on Python + Django Framework
 for the duration of 20th May 2020 to 2nd June 2020 working days.

We wish him / her all the success in future endeavours.





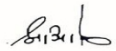
Mr. PRASHANT JHA
 TRAINER,
 APS MICROTECH



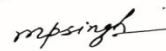
Mr. ASHISH GADPAYLE
 DIRECTOR,
 APS MICROTECH



Dr. V.K. TAKSANDE
 HOD(E&TC), CONVENOR,
 PCE, NAGPUR



Dr. S.A. DHALE
 VICE PRINCIPAL,
 PCE, NAGPUR



Dr. M.P. SINGH
 PRINCIPAL,
 PCE, NAGPUR

Certificate Number: aps-fdp-159147921581

Dr Sarita Rajesh Rinke (Dhoble).pdf

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80.70%



**S. B. Jain Institute of Technology,
 Management & Research, Nagpur**
 NAAC Accredited with 'A' Grade



One Week Online Faculty Development Program
 on
Scilab
Certificate

This is to certify that Dr. Dr Sarita Rajesh Rinke (Dhoble) from Priyadarshini Bhagwati College Of Engineering has participated in One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.


 Mr. Pankaj Taklikar
 Coordinator


 Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)


 Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSLoC1



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CIN - U72900MH2016PTC287986

and

Department of E&TC, Priyadarshini College of Engineering, Nagpur
 (A+ Grade NAAC accredited) Organized

FACULTY DEVELOPMENT PROGRAMME

This is to certify that

Mr./Ms./Mrs. Tarannum Pathan

of PBCOE

for successfully completing Faculty Development Programme on Python + Django Framework

for the duration of 20th May 2020 to 2nd June 2020 working days.

We wish him / her all the success in future endeavours.



Mr. PRASHANT JHA
 TRAINER,
 APS MICROTECH

Mr. ASHISH GADPAYLE
 DIRECTOR,
 APS MICROTECH

Dr. V.K. TAKSANDE
 HOD(E&TC), CONVENOR,
 PCE, NAGPUR

Dr. S.A. DHALE
 VICE PRINCIPAL,
 PCE, NAGPUR

Dr. M.P. SINGH
 PRINCIPAL,
 PCE, NAGPUR

Certificate Number: aps-fdp-1591479215132

Certificate



APS Microtech Pvt. Ltd.



CIN - U72900MH2016PTC287986

and

Department of E&TC, Priyadarshini College of Engineering, Nagpur
 (A+ Grade NAAC accredited) Organized

FACULTY DEVELOPMENT PROGRAMME

This is to certify that

Mr./Ms./Mrs. Ms. Puja Vijayrao Gawande

of PBCOE, Nagpur

for successfully completing Faculty Development Programme on Python + Django Framework

for the duration of 20th May 2020 to 2nd June 2020 working days.

We wish him / her all the success in future endeavours.



Mr. PRASHANT JHA
 TRAINER,
 APS MICROTECH

Mr. ASHISH GADPAYLE
 DIRECTOR,
 APS MICROTECH

Dr. V.K. TAKSANDE
 HOD(E&TC), CONVENOR,
 PCE, NAGPUR

Dr. S.A. DHALE
 VICE PRINCIPAL,
 PCE, NAGPUR

Dr. M.P. SINGH
 PRINCIPAL,
 PCE, NAGPUR

Certificate Number: aps-fdp-1591479215143



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Shri Ramdeobaba College of Engineering and Management, Nagpur
 Department of Electronics Engineering
 One Week Online Faculty Development Program
 On
“ARDUINO”
Certificate

This is to certify that Mr. / Ms. / Prof. / Dr. **Ms.Puja Vijayrao Gawande**
 has successfully participated from **PBCOE, Nagpur**
 in **One week online Faculty Development Program on “ARDUINO”** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 20 - 24, 2020.

Dr Parag S. Jawarkar
Dr Parag S. Jawarkar
 Coordinator

Certificate No.: SUHC98-CE000099
Date: 24-5-2020

Dr. (Mrs.) A. A. Khurshid
Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)

1 of 1 12:25 PM 96.83%

Shri Ramdeobaba College of Engineering and Management, Nagpur
 Department of Electronics Engineering
 One Week Online Faculty Development Program
 On
“ARDUINO”
Certificate

This is to certify that Mr. / Ms. / Prof. / Dr. **Amita Panchamrao Thakare**
 has successfully participated from **Priyadarshini Bhagwati College of Engineering**
 in **One week online Faculty Development Program on “ARDUINO”** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 20 - 24, 2020.

Dr Parag S. Jawarkar
Dr Parag S. Jawarkar
 Coordinator

Certificate No.: SUHC98-CE000140
Date: 24-5-2020

Dr. (Mrs.) A. A. Khurshid
Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)



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scilab FDP SB Jain.pdf 1 of 1 80.70% 11:16 AM



**S. B. Jain Institute of Technology,
Management & Research, Nagpur**
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One Week Online Faculty Development Program
 on
Scilab
Certificate

This is to certify that **Ms. AMITA PANCHAMRAO THAKARE** from Priyadarshini Bhagawati College Of Engineering. has participated in One Week Online Faculty Development Program on **"Scilab"** organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

 Mr. Pankaj Taklikar Coordinator	 Dr. Abhay Kasewar Convener & HOD (ETC Dept.)	 Dr. Sanjay Badjate Principal
---	--	---

Certificate Id:SBETC-FDPSLOAE



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 and Affiliated to MSBTE, Mumbai
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Participation Certificate



This is to certify that **Mr./Mrs./Miss. Amit Deepak Landge** from **PBCOE Nagpur** has successfully completed one week faculty development program from 14.05.2020 to 20.05.2020 on **"Advanced CPP"** in association with spoken tutorial project, IIT Bombay, remotely organized by Computer Engineering Department, AISSMS's Polytechnic, Pune.

 Mr. V. N. Kukre. Head Computer Engineering Department	 Mr. S. K. Giram Principal AISSMS Polytechnic Pune.
---	---



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Certification of Participation



Mr./Ms.Amit Deepak Landge

of PBCOE Nagpur has successfully participated in one week Online Faculty Development Program on "JAVA" organized by Information Technology Department during 17 May, 2020 to 22 May, 2020 in association of Spoken Tutorial, IIT Bombay.

Mrs. V. R. Palandurkar
 Coordinator
 Information Technology

Mrs. A. S. Khandagale
 Head of Department
 Information Technology

Mr. S. K. Giram
 Principal
 AISSMS Polytechnic, Pune.



**Dr.Rajendra Gode Institute of
 Technology and Research, Amravati**



CERTIFICATE OF PARTICIPATION

This is to certify that, Mr/Mrs **P. N. Aerkewar** of **PBCOE, NAGPUR** has successfully completed AICTE - ISTE sponsored self financing online short term training programme on " Outcome Based Education & Accreditation " held during 26/05/2020 to 30/05/2020 organised by Department of Mechanical Engineering.

Dr.M.R.Dharme
 Coordinator

Dr.P.S.Ardak
 Head of Department

Dr.P.B.Patil
 Principal



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PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING
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NAGPUR INSTITUTE OF TECHNOLOGY



CERTIFICATE

OF PARTICIPATION

This is to certify that **Nitesh Balaji Thikare** working as **Asst. Professor** at **PBCOE, NAGPUR**, participated in **Five Day Faculty Development Program** organized by **Department of Civil Engineering, Nagpur Institute of Technology** on **Advances in Civil Engineering** from **26-05-2020** to **30-05-2020**.

Mr. D. R. Naxine
Event Incharge

Mr. S. K. Kapgata
Co-ordinator

Dr. A. L. Murmu
Convener

Dr. A. Y. Deshmukh
Principal



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 Wardha Road, Nagpur, India - 441 108



In Association with

Indian Concrete Institute
Nagpur Local Centre

Registration No. CEMRT260

CERTIFICATE
 OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO:

Nitesh Balaji Thikare

of *Rabindranath Tagore University, Bhopal*

For successfully Completing the One Week Online Certification Program on
"Metro Rail Technology" from 8th April 2020 to 14th April 2020 organized by Civil Engineering
 Department of Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur
 in Association with Indian Concrete Institute (NIC), Nagpur.

Your Rating: ★★★★★
 (Out of 5 star)

Star Rating Conversions(out of 100 marks):

1 to 20 - ★ 21 to 40 - ★★ 41 to 60 - ★★★

61 to 80 - ★★★★ 81 to 100 - ★★★★★

Prof. Amey Khedikar
HoD (Civil)

Er. Arun Uttarwar
(Chairman, Indian Concrete
Institutions -NIC)

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website: www.tgpct.com

Date of Issue: 15/04/2020

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॥ विद्या धनम् सर्वधनं प्रधानम् ॥

S. B. Jain Institute of Technology, Management & Research, Nagpur

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Spoken Tutorial

One Week Online Faculty Development Program

on

Scilab

Certificate

This is to certify that **Ms. SHUBHANGI. P. GURWAY** from Priyadarshini Bhagwati College of Engineering, Nagpur has participated in **One Week Online Faculty Development Program on "Scilab"** organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

Ms. Ayushi Jaiswal
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

Certificate Id:SBETC-FDPSL207



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Roll No: NPTEL20ME50S62020349

To
 SHUBHANGI P GURWAY
 114, JAIVIGHNA HARTA SOCIETY
 BANTE LAYOUT, HUDKESHWAR ROAD
 NAGPUR
 MAHARASHTRA - 440024
 PH. NO :9860564454



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



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This certificate is awarded to
SHUBHANGI P GURWAY
 for successfully completing the course

Rapid Manufacturing

with a consolidated score of **65** %

Online Assignments	17.06/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 764

Prof. Rajesh M. Hegde
 Chairman, Centre for Continuing Education
 IIT Kanpur

Sep-Dec 2020
 (12 week course)

Prof. Satyaki Roy
 NPTEL Coordinator
 IIT Kanpur



Indian Institute of Technology Kanpur





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NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
(Accredited by NAAC)



Department of Information Technology

In Association With

Department of Forensic Science
GOVERNMENT INSTITUTE OF FORENSIC SCIENCE, NAGPUR

Organizes

One-Week (Online) Faculty Development Program
on

"Introduction to Forensic Science and Digital & Cyber Forensics"
15.05.2020 to 19.05.2020

CERTIFICATE

This is to certify that Dr./ Mr./ Mrs./ Ms. **Sandip Ghanshyam Ghugal**
has participated in the one-week Faculty Development Program from 15th May 2020 To
19th May 2020.

Prof. Jagdish Pimple
Head & Asst. Professor
Department of IT, NIT
Nagpur

Shri Ashish Badiye
Resource Person
Head & Asst. Professor
Department of Forensic Science
Govt. Institute of Forensic Science, Nagpur

Dr. Amol Deshmukh
Principal
Nagpur Institute of Technology
Nagpur



**S. B. Jain Institute of Technology,
Management & Research, Nagpur**
NAAC Accredited with 'A' Grade



Spoken Tutorial

One Week Online Faculty Development Program

on

Scilab

Certificate

This is to certify that Prof. SANDIP GHANSHYAM GHUGAL from Priyadarshini Bhagwati College Of Engineering Nagpur has participated in One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

Mr. Pankaj Taklikar
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

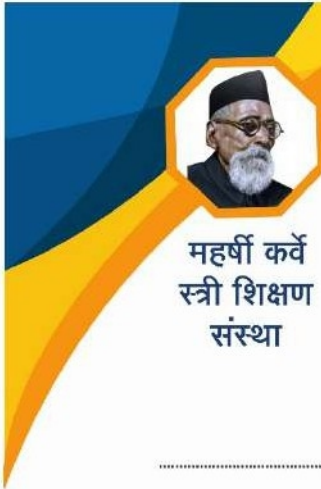
Certificate Id:SBETC-FDPSL089



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PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING

Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24
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Maharshi Karve Stree Shikshan Samstha's
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN NAGPUR



CERTIFICATE OF PARTICIPATION

This is to certify that

MANISH RADHESHYAM MOROLIYA

OfPRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING.....

has participated in Online Faculty Development Program on Renewable Energy Sources: A Way Ahead
organised by Department of Mechanical Engineering in association with
ASM International (American Society of Materials) Pune Chapter And
ISHRAE (The Indian Society of Heating, Refrigerating and Air Conditioning Engineers) Nagpur Chapter
during 15 May 2020 to 21 May 2020.

PRASANNA MAHANKAR
Convener, FDP

MR. UDAYAN PATHAK
Chairman,
ASM International Pune Chapter

MR. AJAY PANDEY
President,
ISHRAE Nagpur Chapter

DR. B. P. JOSHI
Principal,
CCOEW Nagpur

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Maharshi Karve Stree Shikshan Samstha's
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN NAGPUR



Cummins Webclave

Thoughts For A Comprehensive IT Future

CERTIFICATE

This is to certify that,

MANISH RADHESHYAM MOROLIYA

Dr/Mr/Ms/Mrs:.....

ofPRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING.....

Has Successfully Completed CUMMINS WEBCLAVE-2020, Thoughts for a comprehensive IT future organized by Department of
Computer Engineering in Association with ISA Delhi Section, IEEE Nagpur Sub Section
and IETE, Nagpur during 29th May 2020 to 04th June 2020.

PRASANNA LOHE
Convener
CUMMINS WEBCLAVE

MR. RAJESH RATHI
District Vice President
ISA District 14(Asia Pacific)

MR. RANJIT SINGH
Chairmen
IEEE, Nagpur Subsection

DR. B. P. JOSHI
Principal,
CCOEW Nagpur

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In association with:



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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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JHULELAL INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & (DTE) Maharashtra State | Affiliated to RTM Nagpur University

Off Koradi Road, NAGPUR



One Week Faculty Development Program on
“Spoken Tutorial Technology”

Organized by

Department of Mechanical Engineering

In Association with Spoken Tutorial IIT Bombay

Certificate

This is to Certify that **Manish Moroliya** has successfully completed one week faculty development program, on “Spoken Tutorial Technology” from 03 May - 09 May 2020.



spoken-tutorial

Ministry of Human Resource and Development
Govt Of India

Dr. Narendra Bawane
Principal, JIT

Prof. Prakash Dhopte
Convener, HOD M.E

Prof. Amar Kawale
Organising Secretary

Prof. Anurag Karande
Organising Secretary



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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Lokmanya Tilak Jankalyan Shikshan Sanstha's

**Priyadarshini Bhagwati College of
 Engineering, Nagpur**



Internal Quality Assurance Cell Initiative
 one Week Online STTP On

**"Latest Trend in Mechanical Engineering and
 Technology"**

ISHRAE
 Nagpur Chapter

CERTIFICATE

This is to certify that Mr./Ms. **Manish Radheshyam Moroliya**
 From **Priyadarshini Bhagwati College of Engineering**
 has Participated in One Week Short Term Training Program
 on **"Latest Trend in Mechanical Engineering and
 Technology"** organized by **Department of Mechanical
 Engineering of P.B.C.O.E, Nagpur** in association with
 ISHRAE Nagpur Chapter from 26th -31st May 2020.

Certificate No: P1QXQC-CE000007

Mr. Ajay Pandey
 President
 ISHRAE-Nagpur Chapter

Dr. N.K. Choudhari
 Principal
 P.B.C.O.E, Nagpur

Prof. S.M. Pimpalgaonkar
 H.O.D. (Mech. Dept.)

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



**Shri Ramdeobaba College
 of Engineering and Management, Nagpur**
 Department of Electronics Engineering



One Week Online Faculty Development Program

On

"ARDUINO"

Certificate

This is to certify that Mr. / Ms. / Prof. / Dr. **Manish Radheshyam Moroliya**

has successfully participated from **PBCOE, Nagpur**

in **One week online Faculty Development Program on "ARDUINO"** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 20 - 24, 2020.

Dr Parag S. Jawarkar
 Coordinator

Certificate No.: SUHC98-CE000111

Date: 24-5-2020

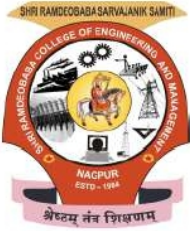
Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)



Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING
 Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24
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 and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)
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Shri Ramdeobaba College of Engineering and Management, Nagpur



Department of Electronics Engineering
One Week Online Faculty Development Program
 On
“PERL”
Certificate

This is to certify that Mr. / Ms. / Prof. / Dr. **Manish Radheshyam Moroliya**

has successfully participated from **PBCOE, Nagpur**

in **One week online Faculty Development Program on “ PERL ”** organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 23 - 27, 2020.

Dr Parag S. Jawarkar

Dr Parag S. Jawarkar
 Coordinator

Certificate No.: ZJRLJU-CE000008

Date: 28-5-2020

Dr. (Mrs.) A. A. Khurshid

Dr. (Mrs.) A. A. Khurshid
 HOD (EN/EDT)



AISSMS
COLLEGE OF ENGINEERING
 ज्ञानम् सफलजनहिताय
 Accredited by NAAC with "A+" Grade



National Level One Week Online Faculty Development Program
April 28 to May 04, 2020

Certificate of Participation

This is to certify that, **Manish Moroliya**, has successfully completed National level One Week Online Faculty Development Program on **“Python”** with included a demonstration cum hands on exposure, organised in association with **Spoken Tutorial Project, IIT Bombay**, funded by National Mission on Education through ICT, MHRD, Government of India, and remotely organised by Department of Computer Engineering and program coordinated by **Dr Shashikant V Athawale**.

Mr N R Talhar

Mr N R Talhar
 Coordinator, Spoken Tutorial

Dr S V Chaitanya

Dr S V Chaitanya
 Coordinator, Faculty Development
 and Academic Collaboration



Dr D P Gaikwad

Dr D P Gaikwad
 Head
 Department of Computer Engineering

Dr D S Bormane

Dr D S Bormane
 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



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National Level One Week Online Faculty Development Program
 April 28 to May 04, 2020

Certificate of Participation

This is to certify that, **Mr Manish Moroliya** has successfully completed National level One Week Online Faculty Development Program on **"LaTeX"** with included a demonstration cum hands on exposure, organised in association with **Spoken Tutorial Project, IIT Bombay**, funded by National Mission on Education through ICT, MHRD, Govt. of India, and remotely organised by **Department of Production Engineering** and program coordinated by **Mr Mohan L Chanpur**.

Mr N R Talhar
 Coordinator
 Spoken Tutorial

Dr S V Chaitanya
 Coordinator, Faculty Development
 and Academic Collaboration



Mr V D Dholle
 Head
 Department of Production Engineering

Dr D S Bormane
 Principal

Certification of Completion

This certifies that

Manish Radheshyam Moroliya



of

Priyadarshini Bhagwati College of Engineering

has participated in one week Student & Faculty Development Program
 on

**"Role of Engineer in Uplifting the Industry Post
 COVID-19 Lock Down In India"**

Organized By

Department of Mechanical Engineering
Sandip Institute of Engineering & Management



15-May-2020

Date & Time

Coordinator

Coordinator

Convenor

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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 Management & Research, Nagpur**
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Spoken Tutorial

One Week Online Faculty Development Program

on

Scilab

Certificate

This is to certify that **Mr. MANISH RADHESHYAM MOROLIYA** from Priyadarshini Bhagwati College Of Engineering has participated in One Week Online Faculty Development Program on "**Scilab**" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

Mr. Pankaj Taklikar
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

Certificate Id:SBETC-FDPSLoB7



ALTAIR



RAJARAMBAPU INSTITUTE OF TECHNOLOGY
 COLLEGE OF ENGINEERING
 KOLHAPUR



CERTIFICATE

This is to certify that Prof. / Mr. / Miss **Manish Radheshyam Moroliya** has participated in "Five Days Webinar Series on CAE Driven Product Design" from 23 to 27 May, 2020 organized by Department of Automobile Engineering, Rajarambapu Institute of Technology, Rajaramnagar in association with Department of Mechanical Engineering, KIT's College of Engineering, Kolhapur, Altair Engg. Pvt. Ltd. & SAENIS Efficycle 2020.

Prof. S. S. Mane
Co-ordinator
Five Days Webinar Series
CAE Driven Product Design

Jitendra Singh Gaur
Co-Convener
SAENIS Efficycle2020

Dr. S. M. Pise
Dean - R&D
K.I.T.'s COE, Kolhapur



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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GOVERNMENT COLLEGE OF ENGINEERING, KARAD

(An Autonomous Institute of Government of Maharashtra)
(Affiliated to Shivaji University, Kolhapur)

VIDYANAGAR, KARAD (SATARA) (INDIA), PIN-415124

Phone: +91 2164 272414/15 Fax: +91 2164 271713

Website: www.gcekarad.ac.in Email: principalgcekarad@gmail.com

TEQIP-3
Technical Education Quality Improvement Programme

NPIU
National Project Implementation Unit

Certificate

This is to certify that

Shri. / Mrs. / Dr./ Prof. **Manish Radheshyam Moroliya**

from Priyadarshini Bhagwati College of Engineering

has participated in the One Week Online Faculty Development Program on

Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)

under *Technical Education Quality Improvement Program (TEQIP-III)*

organized by Department of Electronics & Telecommunication Engineering during May 26-30, 2020.

Dr. A.R. Karwankar
Coordinator

Dr. A. M. Sapkal
Convener

Prof. B. A. Konnur
TEQIP Coordinator

Dr. A. T. Pise
Principal

99. For verification of this E-certificate please email etc_gcekarad@gmail.com
100. Producing illegal copy of this certificate is a serious offence and the accountable shall be prosecuted with legal action.

Certificate No.: GCEKE&Te/SIVPAPA_2020/1435



**S. B. Jain Institute of Technology,
Management & Research, Nagpur**
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Spoken Tutorial

One Week Online Faculty Development Program

on

Scilab

Certificate

This is to certify that Prof. Shailendra Daf from Priyadarshini Bhagwati College Of Engineering has participated in One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

Mr. Pankaj Taklikar
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

Certificate Id:SBETC-FDPSLoC7



Internal Quality Assurance Cell Initiative

one Week Online STTP On

“Latest Trend in Mechanical Engineering and Technology”

ISHRAE

Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **Dr. R. K. POHANE** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000012**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
**Priyadarshini Bhagwati College of
Engineering, Nagpur**



President

ISHRAE-Nagpur Chapter

Principal

P.B.C.O.E, Nagpur

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

one Week Online STTP On

**“Latest Trend in Mechanical
Engineering and
Technology”**
ISHRAE
Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **S.M. PIMPALGAONKAR** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020.**

Certificate No: **9YGZOG-CE000014**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
**Priyadarshini Bhagwati College of
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Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

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Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **A. B. GANORKAR** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur in association with ISHRAE Nagpur Chapter from **26th -31st May 2020.**

Certificate No: **9YGZOG-CE000015**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

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Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

one Week Online STTP On

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ISHRAE

Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **S. V. KALE** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur in association with ISHRAE Nagpur Chapter from **26th -31st May 2020.**

Certificate No: **9YGZOG-CE000018**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

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Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



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one Week Online STTP On

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Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **S. V. BORKAR** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur in association with ISHRAE Nagpur Chapter from **26th -31st May 2020.**

Certificate No: **9YGZOG-CE000021**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
**Priyadarshini Bhagwati College of
Engineering, Nagpur**



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Principal

ISHRAE-Nagpur Chapter

P.B.C.O.E, Nagpur

Prof. S.M.Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

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ISHRAE

Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **K. D. GANVIR** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000023**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
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Prof. S.M. Pimpalgaonkar

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Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

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**“Latest Trend in Mechanical
Engineering and
Technology”**
ISHRAE
Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **Dr. R. N. PATIL** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000027**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
**Priyadarshini Bhagwati College of
Engineering, Nagpur**



President

Principal

ISHRAE-Nagpur Chapter

P.B.C.O.E, Nagpur

Prof. S.M.Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

one Week Online STTP On

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Nagpur Chapter

CERTIFICATE

This is to certify that Mr.-Ms. **K. V. MADURWAR** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000032**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

Lokmanya Tilak Jankalyan Shikshan Sanstha's
**Priyadarshini Bhagwati College of
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H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Internal Quality Assurance Cell Initiative

one Week Online STTP On

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CERTIFICATE

This is to certify that Mr.-Ms. **TEJAS R. PATIL** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by Department of Mechanical Engineering of P.B.C.O.E, Nagpur in association with ISHRAE Nagpur Chapter from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000038**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

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H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

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CERTIFICATE

This is to certify that Mr.-Ms. **N. R. GAUTAM** From **Priyadarshini Bhagwati College of Engineering, Nagpur** has Participated in One Week Short Term Training Program on **One week FDP on “Latest Trend in Mechanical Engineering and Technology”** organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur** in association with **ISHRAE Nagpur Chapter** from **26th -31st May 2020**.

Certificate No: **9YGZOG-CE000040**

Mr. Ajay Pandey

Dr. N.K. Choudhari

Prof. S.M. Pimpalgaonkar

H.O.D. (Mech. Dept.)

Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator

President

Principal



Prof. S.M.Pimpalgaonkar

H.O.D. (Mech. Dept.)



Dr. (Mrs.) A.R. Chaudhari

IQAC Coordinator



Lokmanya Tilak Jankalyan Shikshan Sanstha's
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Roll No: NPTEL20GE11S1414908
To
ARCHANA R.CHAUDHARI
F501, SANCHAYANI PRESTIGE APARTMENT,
SWAWALAMBI NAGAR
NAGPUR
MAHARASHTRA-440022
PH. NO :9823285684



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(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
ARCHANA R.CHAUDHARI

for passing the course
**NBA Accreditation and Teaching - Learning
in Engineering (NATE)**

with Score* 95 %

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jan-Apr 2020
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

Roll No: NPTEL19GE18S61050016

To
ARCHANA R.CHAUDHARI
F-501, SANCHAYANI PRESTIGE APARTMENT,
SWAWALAMBI NAGAR
NAGPUR
MAHARASHTRA
440022
PH. NO :9823285684



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4	$\frac{1}{2}$ EDP of one week
8	Full EDP of one week
12	$1\frac{1}{2}$ EDP



**NPTEL-AICTE
Faculty Development Programme**
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This certificate is awarded to
ARCHANA R.CHAUDHARI

for successfully completing the course
Accreditation and Outcome Based Learning

with a consolidated score of 84 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Aug-Oct 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19GE18S61050016

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / 2017-18



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

Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24
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 and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)
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 Samridhi Sarwajanik Charitable Trust's
Jhulelal Institute of Technology
 Approved by AICTE, Recognized by DTE and Affiliated to RTM Nagpur University
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in association with

  **upGrad** 

organizes

**One Week Online Faculty Development Program on
 "Overcoming the Challenges in Adapting Online
 Technology in Teaching Learning"**

Certificate of Participation

This certificate is presented to **Dr. ARCHANA R. CHAUDHARI (OTL0106)** of Priyadarshini Bhagwati College of Engineering, Nagpur for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.

   
 Dr. D. S. Bhowmick Dr. N. G. Bawane Mr. M. P. Wairagade Shri. P. V. Pampatwar
 Vice-principal & Principal Director, HR & Admin Director-Technical
 Convener, FDP JIT, Nagpur SSCT, Nagpur SSCT, Nagpur



Certificate No.: **QLIOJW-CE000015**
 Generated on: 19-5-2020

Jai Mahakali Shikshan Sanstha's
 Shri Shankarprasad Agnihotri College of Engineering, Wardha.



**One Week
 Faculty Development Program**

On
**"Emerging Pedagogical Technologies for Development
 of Research Oriented Teaching and Learning Process"**

16th to 20th December 2019.

This is to Certify that Mr./Mrs./Dr./Prof. Archana R. Chaudhary
 From PBCOE, Nagpur has participated / Delivered lecture on
 topic outcome Based Learning in the one
 week Faculty Development Program Organized by Shri Shankarprasad Agnihotri
 College of Engineering, Wardha from 16th to 20th December 2019.

  
 Prof. Sweta Kahurke Dr. R. M. Tugnayat Pt. Shri Shankarprasad Agnihotri
 Convener Principal PRESIDENT
 (FDP) SSPACE, Wardha. JMSS

CERTIFICATE

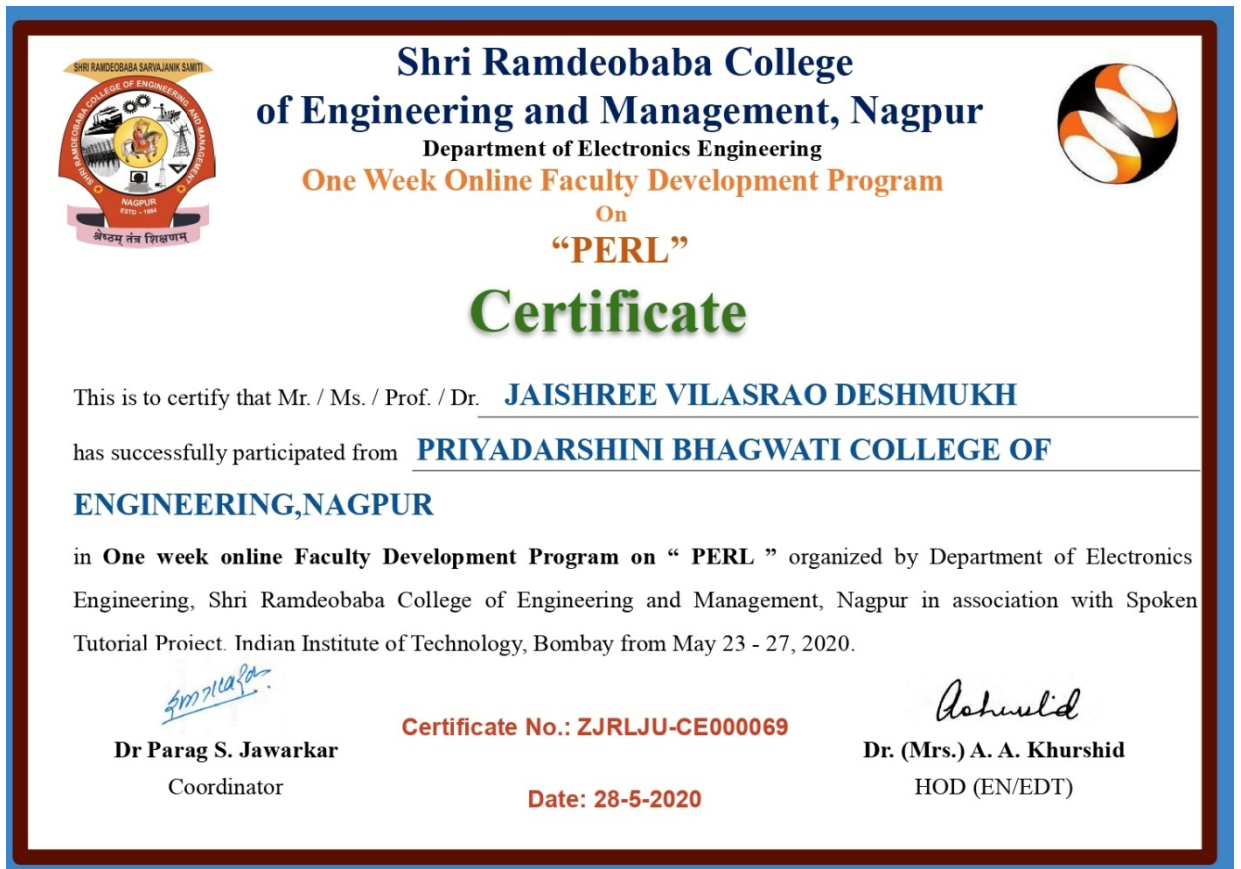


Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING

Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24
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Harpur Nagar, Umred Road (Near Bada Tajbagh), Nagpur-24
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D.Y. PATIL
UNIVERSITY
RAMRAO ADIK
INSTITUTE OF TECHNOLOGY
NERUL, NAVI MUMBAI



DesignTech
Technology for designing the future



5-Days Online STTP on

**MATLAB based Teaching-Learning in
Mathematics, Science & Engineering**

Certificate of Participation

This is to certify that **Ms. Jaishree Vilasrao Deshmukh** from **Priyadarshini Bhagwati College of Engineering, Nagpur** has successfully completed the online Short Term Training Program on **"MATLAB based Teaching-Learning in Mathematics, Science & Engineering"**.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Mr. M M Zafar
National Technical Manager,
DesignTech Systems Pvt Ltd.

Dr. Prasiddh Trivedi
STTP Convener

Dr. Vishwesh A. Vyawahare
Head, Electronics Engg., RAIT

Dr. Mukesh D. Patil
Principal, RAIT



<http://www.dypatil.edu/mumbai/rait/>



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Mr. Pankaj Taklikar
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

Certificate Id:SBETC-FDPSLO8C



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Certificate of Participation

This certificate is presented to **Ms. UMA GAIKWAD (OTL0917)** of **Priyadarshini Bhagwati college of Engineering** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.

Dr. D. S. Bhowmick
 Vice-principal &
 Convener, FDP

Dr. N. G. Bawane
 Principal
 JIL, Nagpur

Ms. M. P. Wairagade
 Director, HR & Admin
 SSCT, Nagpur

Shri. P. V. Pampatwar
 Director-Technical
 SSCT, Nagpur

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G H RAISONI UNIVERSITY, AMRAVATI
 A State Private University established under G H Raisonni University Act 2018
 (Mah Act No. 29 of 2018) dated 09/04/2018 & GHRU Amravati Notification No. SFU-2014/ C.R./91/14/Uni 4
 dated 20/07/2018. Anjangaon Bari Road, Amravati - 444701.



Ref No: GHRU/Reg.Office/MIS/2019-20/004

Date: 21/12/2019

From:
Office of Registrar
 G H Raisonni University, Amravati

Whomsoever It May Concern

This is to certify that **MS. UMA VASANTRAO GAIKWAD**, provisionally admitted to Ph.D. in Physics has attended the classes of a module on Ph.D. Course Work held at G H Raisonni University, Amravati on following dates.

Sr. No	Date of Attending Class
1	02 nd December 2019
2	04 th December 2019
3	05 th December 2019
4	06 th December 2019
5	07 th December 2019
6	08 th December 2019
7	09 th December 2019

20/12/19.
 Registrar
G. H. Raisonni University
AMRAVATI.
 Registrar
G H Raisonni University, Amravati

This Certificate issued from the office of Registrar on request of student (Ms. Uma V Gaikwad) for her college work on dated 21/12/2019



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Certificate of Participation

This certificate is presented to **Dr. ANIMESHCHANDRA G M HALDAR (OTL0081)** of **Priyadarshini bhagwati college of Engineering Nagpur** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.

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Vice-principal &
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Certificate of Participation

This certificate is presented to **Ms. VARSHA MANIKRAO ATKARI (OTL0942)** of **Priyadarshini Bhagwati College of Engineering, Nagpur** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.

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Internal Quality Assurance Cell Initiative
One Week Online STTP On

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ISHRAE

Nagpur Chapter

CERTIFICATE

This is to certify that Mr./Ms. **Sapana A Bhande**
From **Priyadarshini Bhagwati College of Engg**
has Participated in One Week Short Term Training Program
on **"Latest Trend in Mechanical Engineering and Technology"**
organized by **Department of Mechanical Engineering of P.B.C.O.E, Nagpur**
in association with **ISHRAE Nagpur Chapter from 26th -31st May 2020.**

Certificate No: **YNXA5A-CE000038**


Mr. Ajay Pandey
President
ISHRAE-Nagpur Chapter


Prof. S.M.Pimpalgaonkar
H.O.D. (Mech. Dept.)


Dr. N.K. Choudhari
Principal
P.B.C.O.E, Nagpur


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



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Department of Electrical Engineering



ET-68



CERTIFICATE OF PARTICIPATION

This certificate is presented to

Sapana A Bhande

for attending **One Week Faculty Development Programme** on **"Electric Vehicle"** organised by
Department of Electrical Engineering, Jhulelal Institute of Technology, Nagpur-441111 in
association with **CADD Center Training Services and Vishvakariya Automotive Pvt. Ltd. Nagpur**, held on
11th – 16th May 2020.


Prof. Rohan M. Ingle
Convener-FDP, H.O.D. EE

Certificate ID
UFLEJE-CE000082


Dr. Narendra N. Bawane
Principal, JIT- Nagpur



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This certificate is presented to **Ms. SAPANA ABHANDE (OTL0746)** of **Priyadarshini Bhagwati College of Engineering** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th - 11th May 2020.

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This is to certify that **Dr. Mrs. Ranjana V. Harane** from **Priyadarshini Bhagwati College of Engineering, Nagpur** has successfully completed the online Short Term Training Program on "**MATLAB based Teaching-Learning in Mathematics, Science & Engineering**".

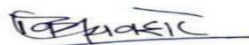
This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.



Mr. M.M. Zafar
National Technical Manager,
DesignTech Systems Pvt Ltd.



Dr. Prasiddh Trivedi
STTP Convener



Dr. Vishwesh A. Vyawahare
Head, Electronics Engg., RAIT



Dr. Mukesh D. Patil
Principal, RAIT





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Scilab
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This is to certify that **Dr. RANJANA V. HARANE** from Priyadarshini Bhagwati College Of Engineering, Nagpur has participated in **One Week Online Faculty Development Program on "Scilab"** organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.


Mr. Pankaj Taklikar
Coordinator


Dr. Abhay Kasotwar
Convener & HOD (ETC Dept.)





Dr. Sanjay Badjate
Principal

Certificate Id: SBETC-FDPSLo8o

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Certificate of Participation

This certificate is presented to **Dr. RANJANA V. HARANE (OTL0644)** of Priyadarshini Bhagwati College Of Engineering Nagpur for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.


Dr. D. S. Bhownick
Vice-principal &
Convener, FDP


Dr. S. G. Bawane
Principal
JIT, Nagpur


Ms. M. P. Walagade
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SSCT, Nagpur


Smt. P. V. Paupatwar
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SSCT, Nagpur

Certificate No.:
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Generated on: 15-5-2020

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One Week Online Short Term Training Program on
"Applications of Mathematical Sciences"

Certificate of Participation

This certificate is awarded to **Dr. Ranjana Vijay Harane** of **Priyadarshini Bhagwati College Of Engineering, Nagpur.** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Short Term Training Program on *"Applications of Mathematical Sciences"* held during 13th to 18th July 2020.

Date: 18/07/2020
Certificate ID: QUFDCC-CE000152

Eminent Speakers	
Day 1 13/07/2020	 Dr. K. C. Deshmukh Professor, Department of Mathematics, K.J.SOM, Nagpur University, Nagpur Topic: Review of Thermodynamic Problems Mathematical Approach
Day 2 14/07/2020	 Dr. K. R. Paudyal Professor, Department of Mathematics, Government College, Nagpur Topic: Computational Models in Neuroscience
Day 3 15/07/2020	 Dr. Neeru Adlakha Professor, Department of Applied Science, Government College, Nagpur Topic: Modeling Thermal stress due to Mahagat reservoir in Humans skin & underlying tissue
Day 4 16/07/2020	 Dr. G. A. Bhirajdar Professor, Department of Mathematics, Government College, Nagpur Topic: Fractional Differential Equations & applications
Day 5 17/07/2020	 Dr. Harendra Singh Assistant Professor, Department of Mathematics, Government College, Nagpur Topic: Random Technique for Inverse Laplace Transform & its applications
Day 6 18/07/2020	 Dr. R. P. Pant Assistant Professor, Department of Mathematics, Government College, Nagpur Topic: Viscosity Approximation methods for Multivalued Non-convex mappings

 **Dr. D.P. Singh**
Principal, KDKCE
 **Dr. A.M. Badar**
Vice-Principal, KDKCE
 **Prof. G.D. Randive**
Convener, STIP AMS 2020
 **Mrs. S.S. Kshirsagar**
Co-convener STIP AMS 2020
 **Dr. Ms. K. B. Bajpai**
Co-convener, STIP AMS 2020


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This is to certify that **Arti M. Sorte**
 of **Priyadarshini Bhagwati College of Engineering, Nagpur.**
 has participated in One Week STIP on "Infrastructure Development : Possibilities And Challenges Ahead", Organized by Department of Civil Engineering, New Horizon Institute of Technology and Management, Thane from 25.05.2020 to 29.05.2020.

 **Ms. Dhanashri Joshi**
COORDINATOR
 **Dr. Prasenkumar Sakhecha**
HEAD, CIVIL
 **S.D. Bahade**
DEAN ACADEMICS
 **Dr. Prashant Deshmukh**
PRINCIPAL



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OF PARTICIPATION

This is to certify that **Arti M. Sorte** working as **Assistant Professor** at **Priyadarshini Bhagwati college of Engineering, Nagpur.**, participated in **Five Day Faculty Development Program** organized by **Department of Civil Engineering, Nagpur Institute of Technology** on **Advances in Civil Engineering** from **26-05-2020** to **30-05-2020**.

Mr. D. R. Naxine
Event Incharge

Mr. S. S. Kapgate
Co-ordinator

Dr. A. L. Murmu
Convener

Dr. A. Y. Deshmukh
Principal



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Certificate of Participation

This certificate is presented to **Prof. ARTI M. SORTE (OTL0111)** of **Arti M. Sorte** for attending as well as satisfactory and timely submission of all the scheduled assignments in the One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" held during 6th -11th May 2020.

Dr. D. S. Bhowmick
Vice-principal &
Convener, FDP

Dr. N. G. Bawane
Principal
JIT, Nagpur

Ms. M. P. Wairagade
Director, HR & Admin
SSCT, Nagpur

Shri. P. V. Pampatwar
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**MATLAB based Teaching-Learning in
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Certificate of Participation

This is to certify that **Dr. Sulbha Rajesh Suple** from **Priyadarshini Bhagwati College of Engineering, Nagpur(M.S.)** has successfully completed the online Short Term Training Program on **"MATLAB based Teaching-Learning in Mathematics, Science & Engineering"**.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

M M Zafar

Mr. M M Zafar
 National Technical Manager,
 DesignTech Systems Pvt Ltd.

P. Prasad

Dr. Prasiddh Trivedi
 STTP Convener

Vishwesh A. Vyawahare

Dr. Vishwesh A. Vyawahare
 Head, Electronics Engg., RAIT

Mukesh D. Patil

Dr. Mukesh D. Patil
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This Certificate is proudly presented to

Sulbha R. Suple

Participated in an Online Faculty Development Programme in the Data Science using R and Geo Gebra organized by the PG & Research Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous), Tiruchirappalli in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India from 11.05.2020 to 14.05.2020.

Dr. S. ISMAIL MOHIDEEN
 PRINCIPAL & HOD of Mathematics

Certificate ID MAFDP02- 01000

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Department of Mechanical Engineering
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Certificate No : *SENCOETech/STT/1569*

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Spoken Tutorial Technology
Certificate

This certificate is being awarded to
Dr. Sulbha Rajesh Suple
 from Priyadarshini Bhagwati College of Engineering, Nagpur (M.S.)
 for successfully completion of online One Week Faculty Development
Program on "Spoken Tutorial Technology" organized by Department of
 Mechanical Engineering of Smt. Kashibai Navale College of Engineering in
 association with Spoken Tutorial IIT Bombay from 18th to 22nd May 2020.

 Dr. N. P. Sherje (Convener & HOD Mechanical)	 Dr. K. R. Borole (Vice-Principal)	 Dr. A. V. Deshpande (Principal)
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
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One Week Online Faculty Development Program
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Certificate

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 Nagpur has participated in One Week Online Faculty Development Program on "Scilab" organized by Department
 of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in
 association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on
 Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

 Mr. Pankaj Taklikar Coordinator	 Dr. Abhay Kasetwar Convener & HOD (ETC Dept.)	 Dr. Sanjay Badjate Principal
---	---	--

Certificate Id: SBETC-FDPSL07F

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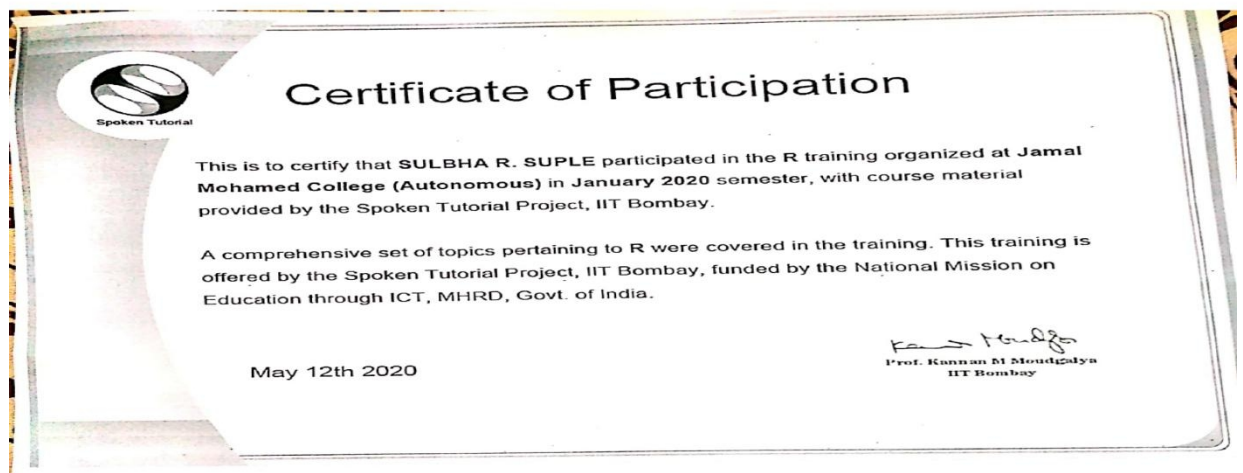
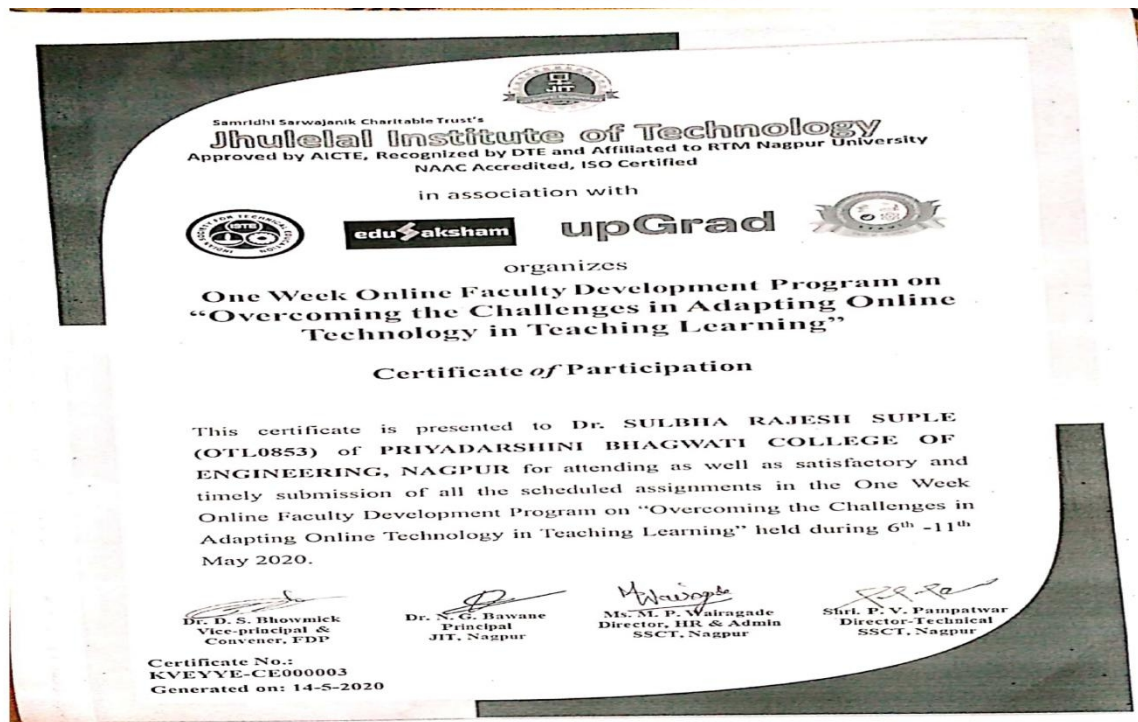


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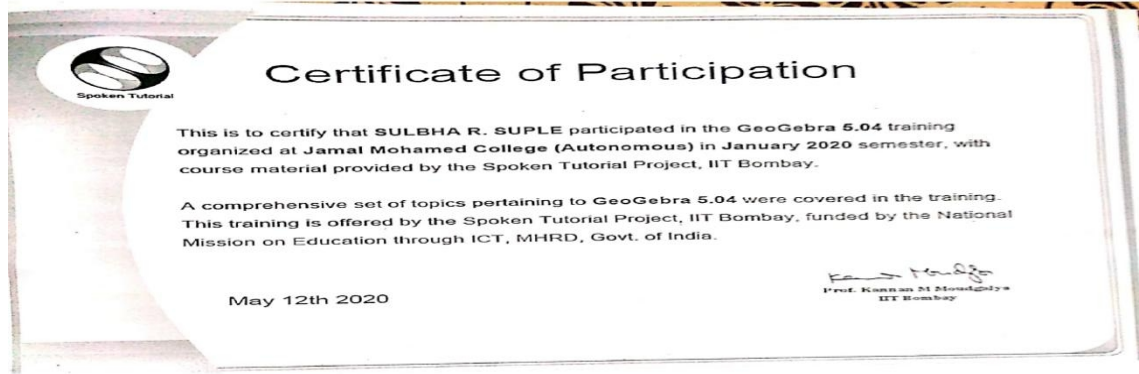


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One Week Online Faculty Development Program
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Mr. Pankaj Taklikar
 Coordinator

Dr. Abhay Kasetwar
 Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
 Principal

Certificate Id:SBETC-FDPSL082

8/3/2020 Introduction to methods of Applied Mathematics 203

Roll No: NPTEL19MA34531850640

TO DR. SULBHA SUPLE
 PLOT NO. 148, SHREEJAI APARTMENT FLAT
 NO. 301, BEHIND NAIK HOSPITAL, BHADWAN
 NAGPUR
 MAHARASHTRA
 440027
 PH. NO. 9158433869

No. of weeks of NPTEL course	Equivalence of NPTEL course with regular FDP
4	2 FDP of one week
8	Full FDP of one week
12	1.5 FDP

Duration of NPTEL course: 12 Weeks

NPTEL-AICTE Faculty Development Programme
 (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
DR. SULBHA SUPLE
 for successfully completing the course
Introduction to Methods of Applied Mathematics
 with a consolidated score of **58 %**

Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Mankhede
 Advisor (Research, Training & Faculty Development)
 All India Council for Technical Education

Roll No: NPTEL19MA34531850640 To validate and check scores: <http://npTEL.ac.in/nc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
 This certificate is therefore acceptable for promotion work as per AICTE norms with effect from 01.01.2019. Please do your research/teaching courses
 E.No. AICTE/HRD/FDP through MOOCs/2017-18

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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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**S. B. Jain Institute of Technology,
Management & Research, Nagpur**
NAAC Accredited with 'A' Grade



Spoken Tutorial

One Week Online Faculty Development Program

on

Scilab

Certificate

This is to certify that Prof. RAHUL KANTARAM BHOYAR from Priyadarshini Bhagwati College Of Engineering has participated in One Week Online Faculty Development Program on "Scilab" organized by Department of Electronics & Telecommunication Engineering, S. B. Jain Institute of Technology, Management & Research in association with Spoken Tutorial Project, Indian Institute of Technology Bombay funded by National Mission on Education through ICT, MHRD, Govt. of India from 4th - 9th May 2020.

Mr. Pankaj Taklikar
Coordinator

Dr. Abhay Kasetwar
Convener & HOD (ETC Dept.)

Dr. Sanjay Badjate
Principal

Certificate Id:SBETC-FDPSLOBE



CERTIFICATE OF PARTICIPATION



Powered by
Ministry of Human Resources and
Development, Government of India

This is to certify that
RAHUL K BHOYAR

from

PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR,
MAHARASHTRA.

has participated and completed one week online Faculty Development Program (FDP)
on Moodle- Learning Management System organised by the KLS Vishwanathrao
Deshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in association with
IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through
ICT,MHRD, Govt. of India,) from 4th May 2020 to 8th May 2020.

Prof. Gururaj Hatti
FDP- Convenor

Ms. Priyanka Shroff
IITB-ST Training Manager, KA

Dr. Vadiraj V. Katti
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
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Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in
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Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR
(Approved by AICTE, New Delhi, Recognized by D.T.E. (M.S) & Affiliated to the Solapur University, Solapur)
Gat.No.664, Korti, Tal. Pandharpur, Dist. Solapur-413304
Office Ph.No.02186-250146, Website: www.sknscoe.ac.in, Email-Id: principal @sknscoe.ac.in
Accredited by NAAC with 'A' Grade
Mechanical Engineering Department

CERTIFICATE

This is to certify that

Rahul Kantaram Bhoyar

From Priyadarshini Bhagwati college of Engineering nagpur

has successfully completed a One Week STTP on "Advanced Optimization Tools & Techniques for Researchers & Engineers" during the period from 23/05/2020 to 27/05/2020.

Course Contents

- A) BASICS OF OPTIMIZATION.
1. OPTIMIZATION- BASIC IDEAS
2. DYNAMIC OPTIMIZATION
B) INTRODUCTION TO DOE AND SURFACE RESPONSE METHODOLOGY.
1. DESIGN OF EXPERIMENTS (DOE) - INTRODUCTION
2. INTRODUCTION TO RESPONSE SURFACE METHODOLOGY
3. BASICS OF RESPONSE SURFACE METHODOLOGY (RSM) FOR PROCESS OPTIMIZATION
C) HYBRID OPTIMIZATION TECHNIQUES.
1. TEACHING LEARNING BASED OPTIMIZATION (TLBO)
2. PARTICLE SWARM OPTIMIZATION. (PSO)
D) MODERN EVOLUTIONARY OPTIMIZATION TECHNIQUES.
1. SIMULATED ANNEALING
2. GENETIC ALGORITHM PART I AND II
E) MODERN EVOLUTIONARY OPTIMIZATION TECHNIQUES.
1. ARTIFICIAL BEE COLONY ALGORITHM
2. WORKING OF ARTIFICIAL BEE COLONY ALGORITHM

Participant Code



www.sknscoe.ac.in

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Conducted by **SKN Sinhgad College of Engineering, Pandharpur** and sponsored by **Punyashtok Ahilyadevi Holkar Solapur University, Solapur.**

Dr.B.S.Gandhare
Co-ordinator

Dr. S.S.Kulkarni
Head of Department

Dr. R. T. Vyavahare
Dean Academics

Dr. K.J. Karande
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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 and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University)
 Email: principalpbcoe@gmail.com, Website: www.pbcoe.edu.in
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Shri Sai Shikshan Sanstha's


NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR
 Survey No.13/2, Mahurzari, Near Fetri, Katol Road Nagpur-441501
Department of Mechanical Engineering
Faculty Development Program


In association with
Institution of Engineers (India), Nagpur Local Centre

Cert. ID:8C84Z8-CE000078 Dt:5/23/2020

Certificate of Participation

This is to certify that Mr./Ms./Mr. **Rahul Kantaram Bhojar** from **Priyadarshini Bhagwati College of Engineering, Nagpur** has attended One week Faculty Development Program on **"Advanced Trends in Engineering"** from 19th to 23rd May, 2020 Organized by Department of Mechanical Engineering, Nagpur Institute of Technology, Nagpur In association with Institution of Engineers (India), Nagpur Local Centre.


Mr. Vipin Khangar
 FDP Coordinator


Dr. N K Mandavgade
 Convener & HoD Mechanical


Dr. A Y Deshmukh
 Principal, NIT Nagpur

Certificate for Participation

This is to certify that **RAHUL BHOYAR** participated in the **Spoken Tutorial Technology** training organized at **Jhulelal Institute of Technology** in **May 2020** semester, with course material provided by the **Spoken Tutorial**, IIT Bombay.

A comprehensive set of topics pertaining to **Spoken Tutorial Technology** were covered in the training. This training is offered by **Spoken Tutorial**, IIT Bombay, funded by **National Mission on Education through ICT, MHRD, Govt., of India.**

May 10th 2020


Gaurav Sambhe
 Coordinator, Spoken Tutorial IIT Bombay
 JIT, Nagpur

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