



**SHRI GAJANAN SHIKSHAN SANSTHA'S**  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**  
**SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**  
“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati  
“Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081 / 82  
Fax : 091-7265-252346

[Email:principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in), [registrar@ssgmce.ac.in](mailto:registrar@ssgmce.ac.in)  
Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

6.3.3 Number of professional development /administrative training programs organized by the institution

Sr. No.	Evidence Head
1	<ul style="list-style-type: none"><li>• List of Programs</li><li>• Brochures/Details of the program</li></ul>



Principal



Shri Gajanan Shikshan Sanstha's  
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Website- www.ssgmce.ac.in

6.3.3: List of FDP/Professional Development Programs organized by Institute

		Number of Participants
Name of the Program for Teaching staff	Faculty Development Program on Leadership Qualities	30
	Workshop on Outcome Base Education By Mr. Sandip Lokhande (ABET Scholar).	70
	AICTE Sponsored online STTP Phase- I on Machine Learning and its Applications in Data Analytics	53
	AICTE Sponsored online STTP Phase- II on Machine Learning and its Applications in Data Analytics	37
	AICTE Sponsored online STTP Phase- III on Machine Learning and its Applications in Data Analytics	38
	Software Utility for Teaching and Research in Electrical Engineering Phase - I	53
	Software Utility for Teaching and Research in Electrical Engineering" Phase II	43
	Software Utility for Teaching and Research in Electrical Engineering" Phase III	46
	Internet of Things for Agriculture Applications	129
	COVID 19- India and future	47
	Winning skills to succeed in corporate world	49
	Webinar on "Applications of Remote Sensing" by the MR. SANJAY APTURKAR, Associate Scientist, Maharashtra Remote Sensing Application Centre (MRSAC), Nagpur, (M.S.)	19
Name of the Program for Non-Teaching staff	Workshop on "Platform for Online Meeting, Data Collection and Examination" for the supporting staff of institute.	25





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Website- www.ssgmce.ac.in

**Registration Form**

**AICTE Sponsored Online STTP**  
On  
**"MACHINE LEARNING AND IT'S APPLICATIONS IN DATA ANALYTICS"**

Full Name: .....

Designation: .....

Department: .....

Organization: .....

Address: .....

Mobile No.: .....

E-mail: .....

Signature of Participant

**For Registration fill Google Form:**  
<https://forms.gle/WYepuzElyf6GPITG6>

**Timing:**  
12.00 NOON to 02.00 PM  
03.00 PM 05.00 PM

**Chief Patron**  
**Hon'ble Shri Shivshankarbhai Patil**  
Chairman,  
Shri Gajanan Shikshan Sanstha, Shegaon

**Patron**  
**Hon'ble Shri Shrikantdiada Patil**  
Managing Director, SSGMCE, Shegaon

**Organizing Chair**  
**Dr. S. B. Somani**  
Principal, SSGMCE, Shegaon

**Convener**  
**Dr. D. R. Dhotre**  
Professor & Head, Dept. of Computer Science & Engineering

**Co-convener**  
**Prof. V. S. Mahalle**  
Dept. of Computer Science & Engineering

**Prof. J. M. Patil**  
Dept. of Computer Science & Engineering

**AICTE Sponsored Online STTP**  
On  
**"MACHINE LEARNING AND IT'S APPLICATIONS IN DATA ANALYTICS"**

Phase I-November 23-28, 2020  
Phase II-December 07-12, 2020  
Phase III-December 21-26, 2020

**Convener**  
**Dr. D. R. Dhotre**  
Professor & Head

**Co-convener**  
**Prof. V. S. Mahalle**  
**Prof. J. M. Patil**

**Organized By**  
**Department of Computer Science and Engineering**  
**Shri Sant Gajanan Maharaj College of Engineering,**  
**Shegaon – 444 203**  
**Dist: Buldhana (M.S.) INDIA**

**Last date for Registration:**  
Phase I- November 19, 2020  
Phase II- December 03, 2020  
Phase III- December 17, 2020

**No Registration Fees**

**About the Institute**

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE), one of the premier institutes in the field of engineering, was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and Approved by DTE, Maharashtra State, Mumbai. SSGMCE has the recognition to be the re-accredited institute by NAAC, Bangalore and the courses are also accredited by NBA, AICTE, New Delhi. The Institute was selected as the Network Institute under NPUI's TEQIP, MHRD, Govt. of India under Phase-I. Recently Career360 Magazine, Nov 2016 ranked the institute as "AA+" amongst Engineering Colleges, Ranked amongst 100 India's top-Tech Schools 2015-DATAQUEST-CMR and B-School of India by Outlook-Orisanti-Survey-2015. Institute honored with Devang Mahata National Education Leadership Award twice and Cit-Gratitude Award. Over three decades, it has successfully nurtured young Indians in engineering and managerial professionals for the betterment of society and humanity as a whole. It is well known for its visionary management, dedicated and devoted faculty, state of the art infrastructure and discipline. It is also known for the overall development of the students' personality with distinct value based spiritual environment. It primarily focuses on the four major pillars of the students' development: Intellectual, Spiritual, Physical and Social. It also provides facilities for the pursuit of excellence and academically suitable climate of the scholarship in terms of curriculum and curricular performance of the students.

**About the Course**

The aim of this Online Short term training Program is to enrich the participants with fundamentals of Machine Learning and programming concepts using MATLAB, Python and R Language. In this programme participants will be demonstrated with recent trends in Machine Learning. Various algorithms and techniques of Machine Learning can implemented such as Artificial Neural Network, Fuzzy Logic, Support Vector Machine, Classification, Clustering, Pattern recognition Genetic Algorithm. Different MALAB tools will be demonstrated such as ANN, Fuzzy Logic, Image Processing, Deep Learning etc. Data handling, correlation and regression analysis will be demonstrated using R and Python Libraries. In this STTP participants will learn algorithm development, data visualization, data analysis, and numeric computation using Machine Learning Tools to solve engineering and scientific real life problems.

**Course Contents:**

- Introduction to Machine Learning Algorithms
- Introduction to Neural Network and Deep Learning
- Feature Extraction and Selection.
- Classification and Clustering Algorithms
- Implementation and Demonstration of various Machine and Deep Learning Algorithms
- Applications of Machine Learning in Data Analytics

**Resource Person**

Experienced faculty from IIT, NIT and other renowned institutions, expert from industries will deliver lectures and conducts hands on practical sessions.

**Participants**  
Faculty members, Research Scholars, from Engineering & Polytechnic colleges and industry persons.

**Organizing Committee**

Prof. C. M. Mankar  
Prof. P. K. Bharne  
Prof. K. P. Sable  
Prof. P. V. Deshmukh  
Prof. M. G. Ingle  
Prof. V. D. Rewaskar  
Prof. T. M. Unatawale

**Contact for Communication**  
**Prof. V. S. Mahalle**  
**Prof. J. M. Patil**  
Mobile:  
09421494320, 09921860806  
E-mail: vsmahalle@gmail.com, jaipatil@yahoo.com

The Department of Computer Science and Engineering established in 1985 has taken development as a continuous process and assured this through its mission. Department runs UG and PG program. UG program is accredited four times by NBA and has blend of senior as well as young faculty members. The department has all laboratories well equipped with advanced software. Laboratories in the department are recognized as the place of research by SGB Amravati University.



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Website- www.ssgmce.ac.in

Gmail

Vishwanath Mahalle <vsmahalle@gmail.com>

**wd: Conduction of STTP under AQIS 2019-2020 through online mode-SSGMCE, Shegaon**

1 messages

Dr. Dhanraj Dhotre <dr.dhotre@gmail.com>  
To: V Mahalle <vsmahalle@gmail.com>

Tue, Jan 19, 2021 at 3:00 PM

Warm Regards  
Dr. D. R.Dhotre  
HOD, Computer Science and Engineering Department,  
Shri Sant Gajanan Maharaj College of Engg (SSGMCE),Shegaon.

----- Forwarded message -----

From: <principal@ssgmce.ac.in>  
Date: Thu, 29 Oct, 2020, 5:33 PM  
Subject: Conduction of STTP under AQIS 2019-2020 through online mode-SSGMCE, Shegaon  
To: <sttpfdo@aicte-india.org>, <director.fdo@aicte-india.org>  
Cc: hod\_cse <hod\_cse@ssgmce.ac.in>, D Dhotre <dr.dhotre@gmail.com>

Col. B. Venkat,  
Director,  
E-mail: Director.fdo@aicte-india.org  
Short Term Training Programme,  
Faculty Development Cell  
All India Council For Technical Education  
New Delhi- 110070

Ref.: 1) Email Ltr. dtd. 14 September 2020  
2) Ltr. Ref.No.34-66/318/FDC/STTP/Policy-1/2019-20 dtd. 10.08.2020

Respected Sir,

With the reference to mail received on 14 September 2020 regarding the conduction of STTP under AQIS 2019-2020 through online mode, hereby we acknowledge and give our consent for conducting the STTP. We are willing to conduct three different STTP's under the same sanctioned topic which has been approved by AICTE (Ltr. Ref. No. 34-66/318/FDC/STTP/Policy-1/2019-20). The tentative dates and schedule are as follow for your kind reference and permission.

1. 23rd November 2020 to 28th November 2020
2. 07th December 2020 to 12th December 2020
3. 21st December to 28th December 2020.

Title of the Programme : "Machine Learning and its Applications in Data Analytics"

Name of Coordinator: Dr. Dhanraj R.Dhotre (email id- dr.dhotre@gmail.com, M-9921959739)

Kindly permit and acknowledge the same

Thanking You.

With regards,

Principal  
Shri Sant Gajanan Maharaj College of Engineering,  
Shegaon-444203 (M.S.) India  
M-9422182216

Dr. Dhanraj Dhotre <dr.dhotre@gmail.com>

Tue, Jan 19, 2021 at 3:17 PM





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Website- www.ssgmce.ac.in

...nalle <vsmahalle@gmail.com>, jai kumar patil <jaipatil@yahoo.com>

[red text hidden]

From: Dhanraj Dhotre <dr.dhotre@gmail.com>  
To: V Mahalle <vsmahalle@gmail.com>, jai kumar patil <jaipatil@yahoo.com>

Tue, Jan 19, 2021 at 3:18 PM

Warm Regards  
Dr. D. R. Dhotre  
HOD, Computer Science and Engineering Department,  
Shri Sant Gajanan Maharaj College of Engg (SSGMCE), Shegaon.

----- Forwarded message -----

From: Col B Venkat <director.fdc@aicte-india.org>  
Date: Thu, 29 Oct, 2020, 7:32 PM  
Subject: Re: Conduction of STTP under AQIS 2019-2020 through online mode-SSGMCE, Shegaon  
Principal@ssgmce.ac.in  
New Scheme RIFD <sttpfdc@aicte-india.org>, hod cse <hod\_cse@ssgmce.ac.in>, D Dhotre <dr.dhotre@gmail.com>

... conduct of STTPs in multiples of 93,000 are approved, subject to the grant released,  
... amount will be returned back and not adjusted against any additional STTPs

...  
... Venkat  
... (Faculty Development)  
...  
... 65472  
... [red text hidden]



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**Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Computer Science & Engineering**

Date: 20/11/2020

A per the notice dated on 18-Nov-2020 meeting is conducted regarding AICTE Sponsored Online STTP on "Machine Learning and Its Applications in Data Analytics" organize by the department of Computer Science and Engineering. All Program Monitoring Committee Members, Coordinator and Co-conveners were present in the meeting. Following points are discussed:

1. Discussion on smooth conduction of STTP in three phases as :  
**Phase -I: 23<sup>rd</sup> November to 28<sup>th</sup> November 2020**  
**Phase -II: 07<sup>th</sup> December to 12<sup>th</sup> December 2020**  
**Phase -III: 21<sup>st</sup> December to 26<sup>th</sup> December 2020**
2. Decided to conduct online Test (Quiz) at the end of each phase.
3. Decided to prepare STTP report as per the guidelines of AICTE.

Sr. No.	Name of Members	Signature
1	Dr. S. B. Somani , Principal , SSGMCE, Shegaon	
2	Dr. S. R. Paraskar , Head Electrical Engineering Department	
3	Dr. G. S. Gawande, Head Electronics and Telecommunication Engineering Department	
4	Dr. D. R. Dhotre , Coordinator and Head Computer Science and Engineering Department	
5	Dr. K. B. Khanchandani , Professor, Electronics and Telecommunication Engineering Department	
6	Prof. V. S. Mahalle and Prof. J. M. Patil Co-convener of STTP	



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**Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Computer Science & Engineering**


Date: 18/11/2020

**Notice**






All the Program Monitoring Committee members, Coordinator and Co-conveners are hereby requested to attend the meeting regarding AICTE sponsored Online STTP on "Machine Learning and its Applications in Data Analytics" organize by the department of Computer Science & Engineering in three Phases.

**Agenda:**

- 1) Smooth conduction of STTP in three phases
- 2) Conduction of Online Test (quiz) after each phase
- 3) After completion of STTP preparation of Report as per the guidelines by AICTE.

  
**Dr. S. B. Somani**  
Principal SSGMCE

**Copy for information:**

1. Dr. D. R. Dhotre , Head Computer Science and Engineering Department 
2. Dr. G. S. Gawande, Head Electronics and Telecommunication Engineering Department 
3. Dr. S. R. Paraskar , Head Electrical Engineering Department 
4. Dr. K. B. Khanchandani , Professor, Electronics and Telecommunication Engineering Department 
5. Prof. V. S. Mahalle and Prof. J. M. Patil Co-convener of STTP 



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Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Computer Science & Engineering



AICTE Sponsored Online Short Term Training Program (STTP) Phase-I on

"Machine Learning and Its Applications in Data Analytics"

Day Wise Schedule (23<sup>rd</sup> Nov to 28<sup>th</sup> November 2020)

Date	Time	Contents	Resource Person
Day 1, Monday			
23-Nov-2020	12:00 to 12:10 PM	Inauguration	Dr. S. B. Somani Principal, SSGMCE Dr. D. R. Dhotre Head, Dept of CSE
	12:10 to 12:45 PM	Keynote Address	Dr. G. R. Bamnote Professor & Head, PRMITR, Badnera
	12:45 to 02:00 PM	Python Machine Library 'Pandas' with hands on exercise.	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Python Machine Library 'NumPy' with hands on exercise.	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
Day 2, Tuesday			
24-Nov-2020	12:00 to 2:00 PM	Python Machine Library 'Matplotlib' with hands on exercise.	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Python Machine Library 'Scikit-Learn' with hands on exercise.	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
Day 3, Wednesday			
25-Nov-2020	12:00 to 2:00 PM	About R and R Studio Data Management and Transformation	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Graphical Representation of Data Normality Testing of Data	Dr. Dhaval Maheta BIM Department,






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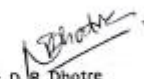
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		Veer Narmad South Gujarat University, Surat	
<b>Day 4, Thursday</b>			
26-Nov-2020	12:00 to 2:00 PM	Parametric and Non Parametric Test Chi Square	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Machine learning in R	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
<b>Day 5, Friday</b>			
27-Nov-2020	12:00 to 2:00 PM	Artificial Neural Network with hands on using MATLAB.	Dr. D. R. Dhotre Professor & Head, CSE Department, SSGMCE, Shegaon
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Regression Analysis with hands on using MATLAB.	Dr. D. R. Dhotre Professor & Head, CSE Department, SSGMCE, Shegaon
<b>Day 6, Saturday</b>			
28-Nov-2020	12:00 to 2:00 PM	Research in Machine Learning, Feature selection, Feature extraction	Dr. R. K. Agrawal Professor, JNU, New Delhi
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Classification Techniques, Clustering	Dr. R. K. Agrawal Professor, JNU, New Delhi

  
Mr. V. S. Mahalle / Mr. J. M. Patil  
Co-convenor

  
Dr. D. R. Dhotre  
Convener  
**HEAD**  
Deptt. of Computer Sci. & Engg.  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon

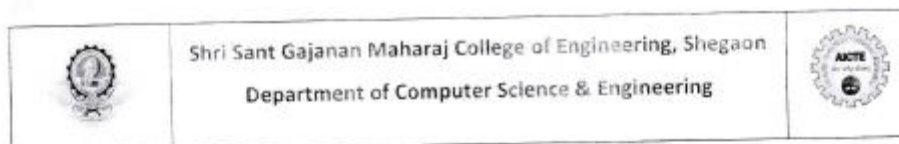


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AICTE Sponsored Online Short Term Training Program (STTP) Phase-III on  
"Machine Learning and Its Applications in Data Analytics"  
Day Wise Schedule (21<sup>st</sup> Dec to 26<sup>th</sup> December 2020)

Date	Time	Contents	Resource Person
Day 1, Monday			
21-DEC-2020	12:00 to 12:10 PM	Inauguration	Dr. S. B. Somani Principal, SSGMCE Dr. D. R. Dhotre Head, Dept of CSE
	12:10 to 12:45 PM	Keynote Address on "Computational Linguistics"	Dr. M. L. Dhore Professor, VIT, Pune
	12:45 to 02:00 PM	AI Case Studies with Python Speech Tweet Converter	Mr. Anup Kelkar, Founder & CEO, SPRINGBOARD, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	AI Case Studies with Python NLP with Chatbot	Mr. Anup Kelkar, Founder & CEO, SPRINGBOARD, Nagpur
Day 2, Tuesday			
22-DEC-2020	12:00 to 2:00 PM	Computer Vision with Google	Mr. Anup Kelkar, Founder & CEO, SPRINGBOARD, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Tableau as Data Visualization Tool with Case study on Covid-19	Mr. Anup Kelkar, Founder & CEO, SPRINGBOARD, Nagpur
Day 3, Wednesday			
23-DEC-2020	12:00 to 2:00 PM	Neural Networks using MATLAB	Dr. R. K. Agrawal Professor, JNU, New Delhi
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Support Vector Machine using MATLAB	Dr. R. K. Agrawal Professor, JNU, New Delhi
Day 4, Thursday			
24-DEC-2020	12:00 to 2:00 PM	Introduction to Convolutional Neural	Dr. R. K. Agrawal



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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

		Network using MATLAB	Professor, JNU, New Delhi
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Introduction to Recurrent Neural Network using MATLAB	Dr. R. K. Agrawal Professor, JNU, New Delhi
Day 5, Friday			
25-DEC-2020	12:00 to 2:00 PM	Installation of Microsoft Power BI Introduction to Data Visualization Power BI Components Power BI different Data Source	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Covid Data set	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
Day 6, Saturday			
26-DEC-2020	12:00 to 2:00 PM	Data Analytics using Google Big query	Mr. Jalindar Karande, Lead Data Engineer, Hashmap Inc., Pune
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Data Analytics using Apache Spark on Databricks	Mr. Jalindar Karande, Lead Data Engineer, Hashmap Inc., Pune

  
Mr. V. S. Mahalle / Mr. J. M. Patil  
Co-convener

  
Dr. D. R. Dhotre  
Convener

**HEAD**  
Deptt. of Computer Sci. & Engg.  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon



Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
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Shri Sant Gajanan Maharaj College of Engineering,  
Shegaon  
Department of Computer Science & Engineering



AICTE Sponsored Online Short Term Training Program (STTP) Phase-II on

"Machine Learning and Its Applications in Data Analytics"

Day Wise Schedule (07th Dec to 12<sup>th</sup> December 2020)

Date	Time	Contents	Resource Person
Day 1, Monday			
07-DEC-2020	12:00 to 12:10 PM	Inauguration	Dr. S. B. Somani Principal, SSGMCE Dr. D. R. Dhotre Head, Dept of CSE
	12:10 to 12:45 PM	Key note Address	Dr. N. V. Thakur Professor, PRMCEAM, Badnera
	12:45 to 02:00 PM	Supervised, Unsupervised and Reinforcement Learning	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Supervised Learning Algorithm with Use Case	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
Day 2, Tuesday			
08-DEC-2020	12:00 to 2:00 PM	Unsupervised Learning Algorithm with Use Case	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Reinforcement Learning Algorithm with Use Case	Mr. Anurag Edlabadkar, Director, Datalytics, Nagpur
Day 3, Wednesday			
09-DEC-2020	12:00 to 2:00 PM	Computer Aided Psoriasis Disease Classification and Severity Detection	Dr. N. D. Londhe Associate Professor & Head, NIT Raipur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Psoriasis Image Segmentation and Classification Using Deep Learning Approaches Using Python	Dr. N. D. Londhe Associate Professor & Head, NIT Raipur






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Day 4, Thursday			
10-DEC-2020	12:00 to 2:00 PM	Devanagari Script Input Based P300 Speller System for Brain Computer Interface	Dr. N. D. Londhe Associate Professor & Head, NIT Raipur
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	EEG Signal Classification Using Deep Learning Architectures in MATLAB/Python	Dr. N. D. Londhe Associate Professor & Head, NIT Raipur
Day 5, Friday			
11-DEC-2020	12:00 to 2:00 PM	Linear Regression in R	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Logistic Regression in R	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
Day 6, Saturday			
12-DEC-2020	12:00 to 2:00 PM	Machine Learning Using Caret Package	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat
	02:00 to 03:00 PM	Break	
	03:00 to 05:00 PM	Cluster Analysis Using R	Dr. Dhaval Maheta BIM Department, Veer Narmad South Gujarat University, Surat

  
Mr. V. S. Mahalle / Mr. J. M. Patil  
Co-convenor

  
Dr. D. R. Dhotre  
Convener  
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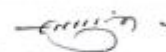
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Email: [principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in), [registrar@ssgmce.ac.in](mailto:registrar@ssgmce.ac.in)  
Website- [www.ssgmce.org](http://www.ssgmce.org)

Date: 07-11-2020

The department of Computer Science and Engineering is organizing an AICTE sponsored STTP on "Machine Learning and its Applications in Data Analytics" during 23<sup>rd</sup> Nov to 28<sup>th</sup> Nov 2020, 07<sup>th</sup> Dec to 12<sup>th</sup> Dec 2020, 21<sup>st</sup> Dec to 26<sup>th</sup> Dec 2020. As per the direction from AICTE, for the smooth conduction of the STTP, a Program Monitoring Committee has to be constituted. Hereby I nominate the following faculties as member of Program Monitoring Committee.

Sr. No.	Name of Member	Designation	Member Status
1	Dr. S. B. Somani	Principal	Chairman
2	Dr. D. R. Dhotre	Professor and Head Computer Science & Engineering	Coordinator
3	Dr. G. S. Gawande	Professor and Head Electronics and Telecommunication Engineering Department	Member
4	Dr. S. R. Paraskar	Professor and Head Electrical Engineering Department	Member
5	Dr. K. B. Khanchandani	Professor, Electronics and Telecommunication Engineering Department	Member (Subject Expert)

  
Dr. S. B. Somani  
Principal SSGMCE

Copy for information and necessary action to

1. Principal Office
2. Dr. D. R. Dhotre, Head Computer Science and Engineering Department
3. Dr. G. S. Gawande, Head Electronics and Telecommunication Engineering Department
4. Dr. S. R. Paraskar, Head Electrical Engineering Department
5. Dr. K. B. Khanchandani, Professor, Electronics and Telecommunication Engineering Department



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**Annexure-III**

**AICTE Short Term Training Programme**


STATEMENT OF EXPENDITURE


Ref. No. :- 34-66 / 318 / FDC/STTP/Policy-1 / 2019-20 Dated 19<sup>th</sup> Aug 2020

Title of the Programme: Machine Learning and Its Applications in Data Analytics

Name of the Coordinator: Dr. D. R. Dhotre

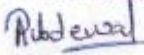
Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (In each head)	No. of Participants	Duration of the Programme (with dates)
34-66 / 318 / FDC/STTP/Policy-1 / 2019-20 Dated 10 <sup>th</sup> Aug 2020	Rs.361667.00	1. Honorarium to Coordinator Rs.5000 per programme for 3 programmes	15000.00	Phase-I: 65 Phase-II:45 Phase-III:42 Total: 152	Phase-I 23 <sup>rd</sup> Nov - 28 <sup>th</sup> Nov 2020 Phase-II 07 <sup>th</sup> Dec - 12 <sup>th</sup> Dec 2020 Phase-III 21 <sup>st</sup> Dec - 26 <sup>th</sup> Dec 2020
		2. Honorarium for experts	225000.00		
		3. Provision for payment of lab attendant engaged during lab practices (Rs.3000 per programme)	9000.00		
		4. Miscellaneous charges(Rs.10000 per programme)	30000.00		
		Total	279000.00		
		Grant Received	361667.00		
Unspent Balance	82667.00				

(1)   
Dr. D. R. Dhotre  
Name and Signature of Coordinator  
with Seal **HEAD**  
Deptt. of Computer Sci. & Engg.  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon

(2)   
Dr. S. B. Somani  
Name and Signature of  
Head of Institution with Seal  
Principal  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon,

(3) Signature of Chartered Accountant:  
Name of Chartered Accountant:  
Membership No:  
Rubber stamp:  
Full Address:  
Date:

M/s. A. P Tibdewal & Associates  
Chartered Accountants

  
Ashish Tibdewal / Prop  
M.No 128626  
19/01/2021

UDIN - 21128626AAAAAY4245





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Annexure-II

Shri Sant Gajanan Maharaj College of Engineering,  
Shegaon, Maharashtra, India - 444203

**UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2020-2021**

Short Term Training Programme (Online STTP)

Ref. No. :- 34-66 / 318 / FDC/STTP/Policy-1 / 2019-20 Dated 10<sup>th</sup> Aug 2020

Name of Coordinator: Dr. D. R. Dhotre

Dates of the Programme: Phase-I 23<sup>rd</sup> November to 28<sup>th</sup> November 2020  
Phase-II 07<sup>th</sup> December to 12<sup>th</sup> December 2020  
Phase-III 21<sup>st</sup> December to 26<sup>th</sup> December 2020

Title of the STTP: Machine Learning and Its Applications in Data Analytics

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	Ref. No. :- 34-66 / 318 / FDC/STTP/Policy-1 / 2019-20 Dated 10 <sup>th</sup> Aug 2020	Rs.3,61,667.00	Certified that out of the grant-in-aid of Rs. 3,61,667.00 (Three Lac Sixty One Thousands Six Hundred Sixty Seven) sanctioned by the AICTE during the financial year 2020-21 in favor of Shri Sant Gajanan Maharaj College of Engineering, Shegaon as per letter mentioned in the margin, Rs. Nil on account of unspent balance of previous year, Rs. Nil on account of other income / receipts, a sum of Rs 279000 has been utilized for the purpose for which it was sanctioned and the balance of Rs. 82,667 remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised :-**

Receipt and Payment account  
Periodical Progress Reports

(1) Dr. D.R. Dhotre  
Name and Signature of Coordinator  
with Seal  
HEAD  
Deptt. of Computer Sci. & Engg.  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon

(2) Dr. S. B. Somani  
Name and Signature of  
Head of Institution with Seal  
Principal  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon.

(2) Signature of Chartered Accountant:  
Name of Chartered Accountant:  
Membership No: M/s. A. P Tibdewal & Associates  
Rubber stamp: Chartered Accountants  
Full Address:  
Date:

Ashish Tibdewal / Prop  
M.No 128626

19/01/2021

UDIN-21128626AAAAA4245







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Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Computer Science & Engineering  
AICTE Sponsored Online STTP on "Machine Learning and Its Applications in Data Analytics" Phase-I  
List of Participants and Test (Quiz) Result Sheet  
Duration: 23rd November - 28th November 2020

Sr. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
1	Aparitosh Gahankari	16 / 30	Nagpur Institute of TECHNOLOGY, NAGPUR	aparitoshgahankari@nit.e
2	C. M. Mankar	27 / 30	SSGMCE Shegaon	cmmankar@gmail.com
3	Smita Chopde	9 / 30	FRCRIT, vashi	chopde.smita@gmail.com
4	Ruchita Kale	11 / 30	Prmitr Badnera	kaleruchita11@gmail.com
5	Amit K Nerurkar	26 / 30	Vidyalankar Institute of Technology	amit.nerurkar@vit.edu.in
6	Mohini Chaudhari	26 / 30	Vidyalankar Institute of Technology	mohini.chaudhari@vit.edu
7	Rupesh Devidas Sushir	28 / 30	P. R. Pote College of Engineering and Management Amravati	rupeshsushir18@gmail.com
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10	Chandrashekhar Arun Bhavsar	28 / 30	Pune Institute of Computer Technology, Pune	shekhararunbhavsar@gr
11	Dr. Suraj Kumar Saw	26 / 30	PICT Pune	sksaw@pict.edu
12	Madhuri Ghuge	21 / 30	Bharati vidyapeeth college of engineering, Navi mumbai	madhuhuge27@gmail.com
13	KONDA HARI KRISHNA	26 / 30	SRI VASAVI ENGINEERING COLLEGE	kharikrishna396@gmail.com
14	Avinash G. Mahalle	26 / 30	Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati	agmahalle10@gmail.com
15	Anagha Kulkarni	26 / 30	Pune Institute of Computer Technology	aabidkar@pict.edu
16	Nitin Khachane	12 / 30	PRMITR BADNERA	nskhachane@mitra.ac.in
17	Dr. Dinesh Dattatray Patil	20 / 30	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	dineshonly@gmail.com
18	Torana Kamble	29 / 30	Bharati Vidyapeeth College of Engg Mumbai	torana.kamble@gmail.com
19	Dr. Jitendra Saturwar	22 / 30	UNIVERSAL COLLEGE OF ENGINEERING	jitendra.saturwar@univers
20	Chetan Chandrakant Pawar	26 / 30	SCTR'S Pune Institute of Computer Technology	ccpawar@pict.edu
21	Bhawana S. Dakhare	28 / 30	Bharati Vidyapeeth College of Engineering, Navi Mumbai	bhawana.dakhare@bvcoe
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23	Ashwini Meshkar	26 / 30	SIPNA COET AMRAVATI	ammstar5390@gmail.com
24	Prashant N. Pusdekar	20 / 30	P. R. Pote College of Engineering and Management, Amravati	pusdekar.wardha@gmail.c
25	Mr. JOGESWAR TRIPATHY	21 / 30	ITER, S'O'A DEEMED TO BE UNIVERSITY ODISHA	jogeswar.tripathy@gmail.c
26	Ankita Vasant Pande	23 / 30	Sipna College of engineering and technology	ankita.pande2@gmail.com
27	Shaikh Sohel	23 / 30	Casepoint india pvt LTD	shlshaikh2016@gmail.com



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30	Rokane Sharad Maruti	27 / 30	Pravara Rural Engineering College, Loni	sharad.rokade@pravara.in
31	Rammohan Ashok Agrawal	24 / 30	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	agrawalrammohan@gmail.com
32	Pramod Tukaram Talole	27 / 30	Anuradha Engineering College Chikhli	pramodtalole15@gmail.com
33	Sarita Tejrav Sawale	27 / 30	Anuradha Engineering College, Chikhli	sarita.sawale@gmail.com
34	Sachin Manohar Dandage	21 / 30	Pankaj Laddhad Institute of Technology and Management Studies, Yelgaon Buldana	dandage.sachin@gmail.com
35	Ameet Shah	20 / 30	Sipna College Of Engineering And Technology Amravati Maharashtra	ameetshah1981@gmail.com
36	Pati prasanthi	20 / 30	Stanley college of engineering and technology for women	prasanthipati28@gmail.com
37	Pravin Futane	24 / 30	Vishwakarma Institute of Information Technology, Pune	pravin.futane@vit.ac.in
38	Ritesh vilasrao Deshmukh	7 / 30	Jagadambha college of engg and tech	deshmukh.ritesh1@gmail.com
39	Ganesh Punjaji Deshmukh	5 / 30	Pankaj Laddhad Institute of Technology Buldana	gpdeshmukh83@gmail.com
40	Bhagyashree Dhakulkar	19 / 30	Dr DYPatil School of Engineering and Technology	bhagyashree.dhakulkar@gmail.com
41	Jayshree Nirgude	14 / 30	Dadasaheb Bidkar Science, Commerce and Arts College, Peth	jayshreenirgude3090@gmail.com
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45	Shagufta Saher	25 / 30	Eklavya Foundation, Bhopal	shagufta.saher120790@gmail.com
46	AMIT KARBHARI MOGAL	24 / 30	MVP Samaj's CMCS College	amit.mogal@gmail.com
47	Geeta Navale	26 / 30	SITS	geetanavale@gmail.com
48	Jaya Gangwani	19 / 30	Jodhpur Institute of Engineering & Technology	jaya.gangwani@jiuetjodhpur.ac.in
49	Sheetal Dhande	12 / 30	SIPNA COET	sheetaldhandedandge@gmail.com
50	Anand Sharma	22 / 30	Shri Sant Gajanan Maharaj College of Engineering Shegaon	sharma.anand2008@gmail.com
51	Samrin Kausar Abdul Rauf	25 / 30	Eklavya Model Residential School, Gondia	samrin.ansari12@gmail.com
52	Ms.Priyanka Atmaram Deshmane	20 / 30	Anuradha engineering college chikhli	priyanka.deshmane8218@gmail.com
53	Amar Buchade	24 / 30	Pune Institute of Computer Technology Pune	arbuchade@pict.edu
54	B.Mounika	13 / 30	Stanley college of engineering and technology for women	bmounika@stanley.edu.in
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56	Yugandhara A. Thakare	27 / 30	Sipna COET, Amravati	yugathakare@gmail.com
57	Abhijit Pralhad Ingale	18 / 30	SSGBCOET, Bhusawal	apingale83@gmail.com
58	Dr ASHWIN TOMAR	18 / 30	Modern College of Art Science and Commerce Pune	drtomarashwin@gmail.com
59	V K BARBUDHE	13 / 30	Jagadambha College of Engineering Yavatmal	vbarbudhe@gmail.com
60	Shraddha Zanjat	10 / 30	Government college of Engineering Yavatmal	shraddha.zanjat001@gmail.com



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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

Sr. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
61	Amol Bhaskarrao Dhumne	10 / 30	Jagadambha College of Engg and Technology Yavatmal	dhumne.amol2@gmail.com
62	Dr. Arvind Shivappa Kapse	27 / 30	New Horizon College of Engineering, Bengaluru	arvind.kapse29@gmail.com
63	V K Barbudhe	18 / 30	JCET YAVATMAL	entc.vbarbudhe@gmail.com
64	Shraddha N. Zanjat	18 / 30	Government College of Engineering, Yavatmal	shraddha.zanjat001@gmail.com
65	Ranjan Bala Jain	25 / 30	Vivekanand Education Society's Institute of Technology Chembur Mumbai	ranjanbala.jain@ves.ac.in

Appeared : 65  
Passed: 53  
Fail: 12  
Certificate Issued : 53

  
Dr. D. R. Dhotre  
Coordinator  
HEAD  
Deptt. of Computer Sci. & Engg.  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon





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Department of Computer Science & Engineering  
AICTE Sponsored Online STTP on "Machine Learning and Its Applications in Data Analytics" Phase-II  
List of Participants and Test (Quiz) Result Sheet  
Duration : 07th December - 12th December 2020

Sr. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
1	Namrata G Shirao	4 / 20	Raisoni Institute Nagpur	namrata.shirao@gmail.com
2	Prema Bhushan Sahane	17 / 20	Nutan Maharashtra Institute of Engineering and Technology	premasahane@gmail.com
3	MANISH K ASSUDANI	14 / 20	ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY	mkassudani@yahoo.co.in
4	Samiksha Kailash Shahade	15 / 20	Government college of Engineering Amravati	samiksha.shahade97@gmail.com
5	Ambarish R Bhuyar	12 / 20	Sipna College of Engineering and Technology, Amravati	ambarishbhuyar10@gmail.com
6	Sumaiyya Amreen Ziyaulah Khan	12 / 20	Sipna College of Engineering and Technology, Amravati	szkhan@sipnaengg.ac.in
7	Dr. Mohan P. Thakre	18 / 20	K. K. Wagh Institute of Engineering Education & Research, Nashik	mohanthakre@gmail.com
8	Bapuraob Mayappa Bandgar	7 / 20	JSPM'S Rajarshi Shahu College of Engineering	bapuraob@yahoo.com
9	Avinash G. Mahalle	17 / 20	Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati	agmahalle10@gmail.com
10	Ashwini Ghatol	12 / 20	Sipna college of engineering and technology Amravati	ashwinipghatol@gmail.com
11	Abdul Raheman Rauf Ansari	17 / 20	MSM Digital Technology, Pune	rahemanansari906@gmail.com
12	Shagufta Saheer	16 / 20	Eklavya Foundation, Bhopal	shagufta.saheer120790@gmail.com
13	Sana Haji	14 / 20	K.C college of Engineering and Management Studies and Research	sana.naik@kccemsr.edu.in
14	Swathi Tejah Yalla	16 / 20	Geethanjali College of Engineering and Technology	tejahyalla@gmail.com
15	Mr.Chetan Chandrakant Pawar	16 / 20	SCTR'S Pune Institute of Computer Technology	ccpawar@pict.edu
16	ABDUL SAMAD MAHEBOOB KAZI	11 / 20	VISHWESHWARAYYA ABHIYANTRIKI PADVIKA MAHAVIDYALAYA ALMALA	samad8227@gmail.com
17	KONDA HARI KRISHNA	16 / 20	SRI VASAVI ENGINEERING COLLEGE	kharikrishna396@gmail.com
18	Rashmi Jagatram Kakode	17 / 20	G. H. Raisoni University Amravati	rashmikakode27@gmail.com
19	Chandrashekhar Arun Bhavsar	15 / 20	Pune Institute of Computer Technology, Pune	shekhararunbhavsar@gmail.com
20	ANAGHA KULKARNI	18 / 20	PUNE INSTITUTE OF COMPUTER TECHNOLOGY	aabidkar@pict.edu
21	Ms.H.D.Praveena	20 / 20	Sree Vidyanikethan Engineering College	praveena.hd@vidyanikethan.edu.in
22	Aniket Shahade	18 / 20	Shri Sant Gajanan Maharaj College of Engineering, Shegaon	aniket.shahade11@gmail.com
23	Sachin Umeshrao Balvir	16 / 20	Datta Meghe Institute of Engineering, Technology and Research, Wardha	sachin_balvir@yahoo.com
24	Suraj Manoharrao Gajbhiye	10 / 20	HVPM COET AMRAVATI	sgsoftware1@gmail.com
25	Kiran Arunrao Dongre	18 / 20	Prof Ram Meghe College of Engineering and Management Badnera	kirandongre2015@gmail.com
26	Priyanka V Deshmukh	18 / 20	Shri Sant Gajanan Maharaj College of Engineering Shegaon	priyanka8deshmukh@gmail.com
27	Mr. Shrikant D. Kale	11 / 20	Jagadamba College of Engineering & Technology, Yavatmal	jcet.sdkale@gmail.com





Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

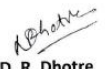
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Website- www.ssgmce.ac.in

ir. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
28	Ranjan Bala Jain	17 / 20	Vivekanand Education Society's Institute of Technology Chembur Mumbai	ranjanbala.jain@ves.ac.in
29	Dhawase Dhammyoti Vithalrao	16 / 20	MGM College of engineering Nanded	dhammyoti.dhawase@gmail.com
30	Snehal Kamble	9 / 20	Sipna COET Amravati	srksipna@gmail.com
31	Pravin Futane	15 / 20	Vishwakarma Institute of Information Technology, Pune	pravin.futane@viit.ac.in
32	Dileep Kumar Kushwaha	4 / 20	NIET	kr.dileep.kushwaha@gmail.com
33	BHARTI	20 / 20	Thapar Institute of Engineering & Technology, Patiala	bhartigrover1@gmail.com
34	Dr. Nitin V. Wankhade	6 / 20	PGDCST, DCPE, HVPM, AMRAVATI	nitinwankhade@gmail.com
35	Swapnil Shivaji Sonawane	16 / 20	Vidyalankar Institute of Technology	swapnil.sonawane@vit.edu.in
36	Dr. Dinesh Dattatray Patil	14 / 20	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	dineshonly@gmail.com
37	Amit K Nerurkar	15 / 20	Vidyalankar Institute of Technology	amit.nerurkar@vit.edu.in
38	Pramod Tukaram Talole	17 / 20	Anuradha Engineering College Chikhli	pramodtalole15@gmail.com
39	Sarita Tejrao Sawale	14 / 20	Anuradha Engineering College, Chikhli	sarita.sawale@gmail.com
40	Dr. Avinash P. Jadhav	16 / 20	JDIET	avinash_jadhav@jdi.ac.in
41	Abhijit Pralhad Ingale	13 / 20	SSGBCOET, Bhusawal	apingale83@gmail.com
42	Dr ASHWIN TOMAR	14 / 20	Modern College of Art Science and Commerce Pune	drtomarashwin@gmail.com
43	Akash Ramesh Dudhe	15 / 20	Jagadambha College of Engineering and Technology Yavatmal	jcet.ardudhe@gmail.com
44	Prashant N. Pusdekar	14 / 20	P. R. Pote College of Engineering and Management, Amravati	pusdekar.wardha@gmail.com
45	Amar Buchade	17 / 20	Pune Institute of Computer Technology Pune	arbuchade@pict.edu

Participants : 45  
Passed: 37  
Fail: 08  
Certificate Issued : 37

  
Dr. D. R. Dhotre  
Coordinator  
HEAD  
Dept. of Computer Sci. & Engg  
Shri Sant Gajanan Maharaj  
College of Engineering Shegaon



Shri Gajanan Shikshan Sanstha's  
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Website- www.ssgmce.ac.in

Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Computer Science & Engineering  
AICTE Sponsored Online STTP on “Machine Learning and Its Applications in Data Analytics” Phase-III  
List of Participants and Test (Quiz) Result Sheet  
Duration: 21st December - 26th December 2020

Sr. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
1	Dileep Kumar Kushwaha	14 / 20	NIET, Greater Noida	kr.dileep.kushwaha@gmail.com
2	Priti Kale	19 / 20	Shri Sant Gajanan Maharaj College of Engineering Shegaon	pratikale@gmail.com
3	Rahul Kumar	4 / 20	Rkdf Bhopal	biharik8@gmail.com
4	Chandrashekhar Arun Bhavsar	19 / 20	Pune Institute of Computer Technology, Pune	shekhararunbhavsar@gmail.com
5	TARUN JAISWAL	19 / 20	NIT RAIPUR	tarry786786@gmail.com
6	Dr. Sushma Jaiswal	20 / 20	Guru Ghasidas Central University	jaiswal1302@gmail.com
7	Shivani Yadao	19 / 20	Stanley College of Engg and technology for women Hyderabad thru, to KY to ni	shivaniyadao@stanley.edu.in
8	ANAGHA KULKARNI	19 / 20	PUNE INSTITUTE OF COMPUTER TECHNOLOGY	aabidkar@pict.edu
9	Ashvin J Ade	17 / 20	Sipna College of Engineering & Technology, Amravati	ashu123ghatol@gmail.com
10	Pooja Mehta	14 / 20	YMT COLLEGE OF MANAGEMENT	poojakm@gmail.com
11	Amit K. Nerurkar	19 / 20	Vidyalankar Institute of Technology	amit.nerurkar@vit.edu.in
12	Mohini Chaudhari	19 / 20	Vidyalankar Institute of Technology	mohini.chaudhari@vit.edu.in
13	PHILO SUMI	19 / 20	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	philosumi@bitsathy.ac.in
14	Bhawana S. Dakhare	19 / 20	Bharati Vidyapeeth College of Engineering, Navi Mumbai	bhawana.dakhare@bvcoenm.edu.in
15	Ranjan Bala Jain	19 / 20	Vivekanand Education Society's Institute of Technology Chembur Mumbai	ranjanbala.jain@ves.ac.in
16	Samiksha Kailash Shahade	19 / 20	Government College of Engineering	samiksha.shahade97@gmail.com
17	Santhoshini Banda	17 / 20	Stanley college of engineering and technology for women	santhoshini.banda@gmail.com
18	Dr. Sunita Bawaskar	13 / 20	BVDUCOE, Pune	sunitad100@gmail.com
19	Abhishek Ramkrushna Ladole	15 / 20	P R POTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT AMRAVATI	abhishek.ladole2@gmail.com
20	Swapnil Shivaji Sonawane	19 / 20	Vidyalankar Institute of Technology	swapnil.sonawane@vit.edu.in
21	Rashmi Jagatram Kakode	10 / 20	G. H. Rasoni University Amravati	rashmikakode27@gmail.com
22	Lakshmi	7 / 20	Bannari Amman Institute of Technology, Sathyamangalam	laxmi@kahedu.edu.in
23	Yadnesh Ajay Talokar	19 / 20	MIT World Peace University	mlyadneshtalokar@gmail.com
24	Ajay Yadavrao Talokar	19 / 20	Dr.PDKV	ajay_talokar@rediffmail.com
25	Monika Munjal	18 / 20	Dr. D Y Patil School of Engineering and Technology	monika11.munjal@gmail.com
26	KANCHANADEVI P	13 / 20	Bannari Amman Institute of Technology, Sathyamangalam	kanchanadevip@bitsathy.ac.in
27	Prabhanjan Gunwantrao Chaudhari	17 / 20	Saraswati college	prabhanjan1111@rediffmail.com



Shri Gajanan Shikshan Sanstha's  
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Website- www.ssgmce.ac.in

Sr. No.	Name of Participant	Score	College / Institute / Organization Name	Email Address
28	ANUSHA SELES S	13 / 20	Bannari Amman Institute of Technology	anushaseless@bitsathy.ac.in
29	Ms H.D.Praveena	18 / 20	Sree Vidyanikethan Engineering College	praveena.hd@vidyanikethan.edu
30	Poornima A	13 / 20	Bannari Amman Institute of Technology	poornimaa@bitsathy.ac.in
31	Avinash G. Mahalle	16 / 20	Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati	agmahalle10@gmail.com
32	Sachin Bhandari	19 / 20	NMIMS MPSTME Shirpur	er.bhandari04@gmail.com
33	Prasad Atkar	9 / 20	Great lakes Bangalore	prasad.atkar@gmail.com
34	SINDHUJA S	13 / 20	Bannari amman institute of technology	sindhujas@bitsathy.ac.in
35	Prajka Prakash Chapke	18 / 20	HVPM'S college of engineering and technology Amravati	prajka.chapke@rediffmail.com
36	Nithya R	13 / 20	Bannari Amman Institute of Technology	nithyarangasamy03@gmail.com
37	Abdul Raheman Rauf Ansari	19 / 20	MSM Digital Technology Pvt Ltd,Pune	rahemanansari906@gmail.com
38	BHARTI	20 / 20	Thapar Institute of Engineering & Technology, Patiala	bhartigrover1@gmail.com
39	Kalyani P. Sable	18 / 20	SSGMCE, Shegaon	sable.kalyani@gmail.com
40	Dr. Dinesh Dattatray Patil	15 / 20	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	dineshonly@gmail.com
41	Sachin Umeshrao Balvir	14 / 20	Datta Meghe Institute of Engineering, Technology and Research, Wardha	sachin_balvir@yahoo.com
42	Bapurao Mayappa Bandgar	13 / 20	JSPM'S Rajarshi Shahu College of Engineering	bapuraob@yahoo.com

Participants: 42  
Passed: 38  
Fail: 04  
Certificate Issued : 38

  
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Coordinator  
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College of Engineering, Shegaon







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**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**STTP- Sanction Letter**

Date: 10 AUG 2020

Ref. No. 34-66/318/FDC/STTP/Policy-1/2019-20

From

Director,  
Faculty Development Cell,  
AICTE, New Delhi-110070

To

The Drawing and Disbursing Officer,  
All India Council for Technical Education,  
Nelson Mandela Marg,  
Vasant Kunj, New Delhi – 110070

**Sub:** Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2019-20 during the financial year 2020-21- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 361667 /- (Rupees Three Lakh SixtyOne Thousand Six Hundred SixtySeven Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING ENGINEERING CAMPUS, KHAMGAON ROAD, SHEGAON 444 203 DIST BULDHANA MAHARASHTRA Maharashtra 444203
2.	Permanent ID of Institute	1-4792001
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Mr. NARENDRA KANDOI
5.	Amount sanctioned	Rs. 361667/-
6.	Amount to be released	Rs. 361667/- Full & final payment
7.	Head of account	<b>601.15(a) Gen. Short Term Training Programme (Plan)</b>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Machine Learning and its Applications in Data Analytics

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.
2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:





Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
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Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in  
Website- www.ssgmce.ac.in

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAAS7182F	STATE BANK OF INDIA	SHEGAON	MAIN ROAD, SHEGAON	Principal, Shri Sant Gajanan Maharaj College of Engineering	Saving Account	10883876454	5BIN0001176

**Instructions/Guidelines to be followed by the University/Institution**

**I. Disbursement of funds to University/Institutions**

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- b. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2020-21.

**II. Maintenance of Accounts**

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

**III. Conduct of test and issuance of certificate**

A test shall be conducted by Program Monitoring Committee (PMC) at the end of the program and joint certificates shall be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

**IV. Submission of Documents by the University/Institutions to AICTE**

- a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-
  - (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.



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Website- www.ssgmce.ac.in

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
- (iii) Copy of the proceedings and completion report.
- (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Monitoring Committee (PMC).
- (v) Report submitted by Program Monitoring Committee (PMC).

- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant in aid adjusted.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. The grant released/or part thereof, if remains unutilized for any reason after expiry of stipulated time period (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of RTGS payable to Member Secretary, AICTE, New Delhi. The bank details of AICTE are as under:-

Account No	: 55113199952
Name of the Account Holder	: Member Secretary, AICTE, New Delhi
Bank Name	: State Bank of India
Branch Name	: Shastri Bhawan, New Delhi
IFSC Code	: SBIN0050203

- c. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within six months from the date of release of funds.
- d. If programme is not conducted within the period of six months of the release of the 100% grant, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month through RTGS.
- d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-66/318/FDC/STTP/Policy 1/2019-20 in your future correspondence.
- i. Steering Committee/Project Monitoring Committee (PMC) is required to be constituted at institutional level. The constitution of the PEC shall be as under:
  - (i) Principal/Director/Registrar of the institution (Chairperson).
  - (ii) [ii] Coordinator of the program (Member Secretary).
  - (iii) Two HoDs and one subject expert (members).



Shri Gajanan Shikshan Sanstha's  
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Website- www.ssgmce.ac.in

The members of the said PMC shall not be below the rank of Associate Professor. A test shall be conducted by Project Monitoring Committee (PMC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PMC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **Govt GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Col. B Venkat)  
Director (FDC)

10 AUG 2020

Copy forwarded for information and necessary action to :-

1. **Name and Address of the Coordinator**  
Mr. NARENDRA KANDOI  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
ENGINEERING CAMPUS , KHAMGAON ROAD, SHEGAON 444 203 DIST BULDHANA MAHARASHTRA  
Maharashtra444203
2. **The Registrar / Director / Principal**  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
ENGINEERING CAMPUS , KHAMGAON ROAD, SHEGAON 444 203 DIST BULDHANA MAHARASHTRA  
Maharashtra444203
3. **Guard File**



Shri Gajanan Shikshan Sanstha's  
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**Short Term Training Program (STTP)  
Scheme Document**

	<b>Objectives</b>
	Short Term Training Program (STTP) intends to conduct faculty trainings through financial assistance from AICTE to enable faculty members in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society.
	<b>Eligibility</b>
(a)	AICTE approved Technical Institutions / University Departments with at least 7 years of existence.
(b)	All teachers, supporting technical and administrative staff in areas of technical education in AICTE approved institutions are eligible to participate.
(c)	Maximum 5 proposals per institute per year including sanctioned, earlier but not completed, would be considered. However, maximum 3 proposal per institute shall be approved.
	<b>Duration of Program</b>
	It is a residential program for a duration of six days. The approved STTP shall be conducted within six months from the date of release of funds.
	<b>Limit of funding</b>
	Rs. Five Lakh
	<b>Disbursement of the Funds</b>
(a)	The full amount of the grant sanctioned shall be released as advance to the University/Institution.
(b)	The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
(c)	The above said amount of grant shall be released on the basis of the Extension of Approval (EOA) issued by AICTE to the Institute for the academic year 2020-21.
5	<b>Types of Training</b>
(i)	Pedagogical Training
(ii)	Subject related Training to teachers employed in disciplines: Engineering & Technology, Management, Pharmacy, Architecture etc.
(iii)	Training related to Moral Values, Ethics, Behavioral Sciences & Attitude etc.
(iv)	Training for teachers regarding orientation of newly admitted students.
(v)	Training for supporting technical and administrative staff including Librarian.
7	<b>Processing Methodology</b>
	Each proposal shall be assessed by an expert committee consisting of three members not below the rank of Associate Professor
8	<b>Career Advancement Scheme</b>
	Short Term Training Program (STTP) will be considered for career advancement scheme.
9	<b>Test and Certificate</b>
	A test to be conducted at the end of the Program and a certificate to be issued to only those participants who have attended the Program and successfully qualify with minimum 60% in the test.
10	<b>Terms and conditions</b>
(a)	Preferably, 10% of the participants shall be industry professionals deputed by industry. Further, not more than 02 participants shall be from the host institution/group of institutions.





Shri Gajanan Shikshan Sanstha's  
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati  
“Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82  
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in  
Website- www.ssgmce.ac.in

	(b) Essentials to conduct a STTP: (i) To submit an online application. (ii) To qualify for the release of grant as assessed by the Expert Committee.
	(c) Funds once released/sanctioned for organizing the particular topic/ area of STTP cannot be utilized for any other program
	(d) In case the event is cancelled, the funds will be returned back to AICTE immediately with interest accrued Thereon.
	(e) As per AICTE guidelines, the program should be for <b>six days with minimum 40 participants. (NO REGISTRATION FEES WILL BE CHARGED FROM THE PARTICIPANTS).</b>
	(f) The Council shall sanction a maximum grant of <b>Rupees five lakh</b> to conduct one program. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Program. However, overall expenditure shall not exceed the funds sanctioned for the Program.
	(g) Any extra money required to complete the program must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
<b>11</b>	<b>Submission of documents by university/institution</b>
	(a) The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: - (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Photocopies of formats are enclosed.  The university/institution is not required to submit bills/vouchers/invoices etc. for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc. on the portal for availability and view at any point of time.  (ii) Feedback form in the prescribed proforma. (iii) Copy of the proceedings and completion report.
	(b) The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
	(c) The university/institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and feedback form etc within one month of conduct of STTP. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. <b>Delay in submission of documents after three months of the conduct of STTP shall invite a penalty of 10% of the total sanctioned amount of the STTP. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if the institute beyond one year does not submit mandatory documents.</b>
<b>12</b>	<b>Program Monitoring Committee (PMC)</b> is required to be constituted at institutional level. The constitution of the PMC shall be as under:-  (i) Principal/Director/Registrar of the institution (Chairperson), (ii) Coordinator of the program (Member Secretary), (iii) Two HoDs and one subject expert (members).  The members of the said PMC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the program along with other mandatory documents.
<b>13</b>	<b>GoI GFR rules</b> (@ <a href="https://doe.gov.in/order-circular/general-financial-rules2017-0">https://doe.gov.in/order-circular/general-financial-rules2017-0</a> ) should be followed during utilization of Grant.

ily,2020

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Dr. S. B. Patil  
Head, Dept. of CSE





Shri Gajanan Shikshan Sanstha's

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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

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## ABOUT SSGMCE SHEGAON

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE), one of the premier institutes in the field of engineering, was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra State, Mumbai. SSGMCE has the recognition of being the reaccredited institute by NAAC, Bangalore and the courses are also accredited by NBA (5 times), AICTE, New Delhi.

The institute offers five undergraduate engineering courses and five postgraduate courses. All the laboratories have been recognized as centres for Ph.D. program. It has excellent physical facilities in the form of residential and academic buildings spread over neat and clean 82 acres of campus. SSGMCE is considered as one of the best institutes in the region and holds the strength to be accountable for the content and quality of education.

## ABOUT DEPARTMENT

The Department of Electrical Engineering offers a vibrant environment for UG and PG education and research in Electrical Engineering. The Department is committed to the advancement of the frontiers of knowledge in electrical engineering and to provide the students with a stimulating and rewarding learning experience. The department offers 4 years B.E. Electrical (Electronics & Power) Program and 2 years M.E. (Electrical Power System) Program. The department is five times accredited by NBA.

The department is strong with senior faculty members and experts in various fields of electrical engineering. The department is equipped with the high-end computational software such as ETAP, PSCAD, LabVIEW and Neuro-solutions. To support and encourage research, consultancy work the department is available with industry grade equipment's like, Compact RIO, D-space hardware kit, Power Quality Analyzer, 100kV High Voltage Testing set, Dielectric Testing kit and various data acquisition systems and many more. The department has recently started state of the art training centre for PLC and Factory Automation.

## ORGANIZING COMMITTEE

### Chief Patron

#### **Hon'ble Shri Shivshankarbhau Patil**

Chairman, Shri Gajanan Shikshan Sanstha,  
Shegaon

### Patron

#### **Hon'ble Shri Shrikantdada Patil**

Managing Director, SSGMCE, Shegaon

### Organizing Chair

#### **Dr. S. B. Somani**

Principal, SSGMCE, Shegaon

### Convener

#### **Dr. S. R. Paraskar**

Professor & Head, Department of Electrical  
Engineering, SSGMCE, Shegaon

### Co-convener

#### **Dr. S. S. Jadhao**

Assistant Professor, Department of Electrical  
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**Department of Electrical Engineering  
SSGMCE, Shegaon**



**AICTE Sponsored  
One-Week Online  
Short Term Training Program (STTP)  
on**

**“Software Utility for Teaching and  
Research in Electrical Engineering  
(SUTREE-2020)”**

**27<sup>th</sup> October to 1<sup>st</sup> November 2020**



**Organized by**

**Department of Electrical Engineering  
Shri Sant Gajanan Maharaj College of  
Engineering, Shegaon MS**

## ABOUT STTP

The modern-day tools and computing facilities for engineering research are changing rapidly. It is essential and utmost necessary for the PhD Scholars along with faculties to upgrade their skills. The STTP aims at enhancing the computing and analysing skills of budding researchers and faculties. The new age software helps in modelling, simulating and analysing the abstract concepts of engineering. The software is also helpful in teaching learning process to deliver and understand complex engineering problems. Thus, the main objective of the STTP is to make faculties and PhD scholars aware about the new age computing and research facilities. The STTP also has an objective to provide hands-on training of new technology and software to promote research in the field of engineering.

## BENEFITS TO PARTICIPANTS

The STTP is designed to enhance the teaching, computing and analysing skills of the faculties and Research Scholars. It is also helpful for the research scholars to be informed about new technologies and to make them aware about modern teaching tools and methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. It will promote the professional practices relevant to technical education. The faculty is largely benefited by the STTP in sense of modern technology and software that can be used not only for effective teaching but also for research.

## ELEGIBILITY

This course is open to Faculty members, Research scholars of AICTE approved Engineering colleges, Polytechnic colleges and Industry person.

## REGISTRATION FORM (LINK)

<https://forms.gle/VQDGAGpdbF58qRNS8>

## REGISTRATION DETAILS

The registration is free for faculty members from AICTE approved institutions and Industry person. The number of participants is limited to 40 and the selection is based on first come - first served basis. Confirmation will be conveyed through email.

## IMPORTANT DATES

**Last Date for Registration: 20.10.2020**

**Intimation of Acceptance: 22.10.2020**

## COURSE CONTENTS

- Graphical System Design WHY? WHAT? HOW?
- Hands-on Graphical Programming – Environment, Data types & Functions, Decision Making, Finite Loop, Conditional Loop, Feedback and Shift Registers, Array, Clusters and Data Visualization
- Graphical Programming Sequential Programming and Variables
- Introduction to Signal Processing
- Signal Processing - Signal Generation, Conditioning and Analysis
- Data Acquisition using Graphical System Design
- Data Acquisition – Acquire & Generate Analog and Digital Signals
- Data Acquisition - PWM generation for Motor control
- Introduction to Electrical Power Toolkit
- EPT – Basic Signal Analysis (RMS V& I & Power Factor)
- EPT – Advanced Measurements (Harmonics & THD)
- Demonstration of Power Quality Analysis using Electrical Power Toolkit

## COURSE OUTCOMES

After attending this course, participants will be able to:

- Understand Graphical Programming & its Paradigm.
- Create user interfaces with charts, graphs and Buttons. Program Data Acquisition and Control Hardware for Electrical Power Acquisition
- Process the Acquired Data and view the parameters as information
- Store the Acquired Data and Information in a file for future report generation
- Implement an academic project or research work using Graphical system design platform with multi-domain topology

## SYSTEM REQUIREMENT

Participants are required to have Laptop/PC with Windows 7 or later, 4GB RAM, 25GB free space on C drive and good internet connectivity.

## RESOURCE PERSON

Experienced faculty from IIT, NIT, and other renowned institutions, experts from industries will deliver lectures and conduct hands-on practical sessions.



**AERIAL VIEW OF SSGMCE, SHEGAON**



**AICTE Sponsored  
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**on  
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27<sup>th</sup> October to 1<sup>st</sup> November 2020**

**Organized by**

**Department of Electrical Engineering  
Shri Sant Gajanan Maharaj College of Engineering, Shegaon MS**



Sessions Days	Session 1 (11.00 AM to 1.00 PM)		Break (1.00 PM to 2.00 PM)	Session 2 (2.00 PM to 4.00 PM)	
	Hour 1	Hour 2		Hour 3	Hour 4
<b>Day – 1 (27.10.2020)</b>	Graphical System Design WHY? WHAT? HOW?	Hands-on Graphical Programming – Environment		Hands on Graphical Programming – Data types & Functions	Hands on Graphical Programming – Decision Making
<b>Day – 2 (28.10.2020)</b>	Hands on Graphical Programming – Decision Making	Hands on Graphical Programming – Finite Loop		Hands on Graphical Programming – Conditional Loop	Hands on Graphical Programming – Feedback and Shift Registers
<b>Day – 3 (29.10.2020)</b>	Hands on Graphical Programming - Array	Hands on Graphical Programming - Clusters		Hands on Graphical Programming – Data Visualization	Hands on Graphical Programming – Sequential Programming and Variables
<b>Day – 4 (30.10.2020)</b>	Introduction to Signal Processing	Hands on Signal Processing – Signal Generation		Hands on Signal Processing – Signal Conditioning	Hands on Signal Processing – Signal Analysis
<b>Day – 5 (31.10.2020)</b>	Data Acquisition using Graphical System Design	Hands on Data Acquisition – Acquire & Generate Analog Signals		Hands on Data Acquisition – Acquire & Generate Digital Signals	Hands on Data Acquisition – PWM generation for Motor control
<b>Day – 6 (01.11.2020)</b>	Introduction to Electrical Power Toolkit	Hands on EPT – Basic Signal Analysis (RMS V& I & Power Factor)		Hands on EPT – Advanced Measurements (Harmonics & THD)	Demonstration using Power Quality Analysis using Electrical Power Toolkit


- **Inauguration and Keynote addressing: 27<sup>th</sup> October 2020 (Timing: 10.30 AM onwards)**
- **Valedictory: 1<sup>st</sup> November 2020**
- **Test and feedback: 1<sup>st</sup> November 2020**

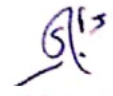


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<b>Sr. No.</b>	<b>Name of Participant</b>	<b>Organization/Institute</b>	<b>Email Address</b>
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52	Vijay S. Karale	Shri Sant Gajanan Maharaj College of Engineering, Shegaon	vijayskarale@gmail.com
53	Vittesh Ramesh Naphade	R. H. Sapat College of Engineering, Management Studies and Research, Nashik	vrnaphade@gmail.com

  
 Dr. Saurabh S. Jadhao  
 SSGMCE, Shegaon

  
 Dr. Sudhir R. Paraskar  
 SSGMCE, Shegaon

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## ORGANIZING COMMITTEE

### Chief Patron

#### **Hon'ble Shri Shivshankarbhai Patil**

Chairman, Shri Gajanan Shikshan Sanstha,  
Shegaon

### Patron

#### **Hon'ble Shri Shrikantdada Patil**

Managing Director, SSGMCE, Shegaon

### Organizing Chair

#### **Dr. S. B. Somani**

Principal, SSGMCE, Shegaon

### Convener

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Professor & Head, Department of Electrical  
Engineering, SSGMCE, Shegaon

### Co-convener

#### **Dr. S. S. Jadhao**

Assistant Professor, Department of Electrical  
Engineering, SSGMCE, Shegaon

## ADDRESS FOR CORRESPONDENCE

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**Department of Electrical Engineering  
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**23<sup>rd</sup> November to 28<sup>th</sup> November 2020**



**Organized by**

**Department of Electrical Engineering  
Shri Sant Gajanan Maharaj College of  
Engineering, Shegaon MS**

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## ELEGIBILITY

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## REGISTRATION FORM (LINK)

<https://forms.gle/kDUvdcbHPqMKoDUA>

## REGISTRATION DETAILS

The registration is free for faculty members from AICTE approved institutions and Industry person. The number of participants is limited to 40 and the selection is based on first come - first served basis. Confirmation will be conveyed through email.

### IMPORTANT DATES

**Last Date for Registration: 14.11.2020**

**Intimation of Acceptance: 18.11.2020**

**NO REGISTRATION FEES**

## COURSE CONTENTS

- Engineering Solutions using Graphical System Design. Why? What? How?
- Graphical Programming and Programming Environment
- Hands on Graphical Programming – Data types, loops and Building Deployable Applications
- Introduction to Signal Processing
- Hands on Signal Processing – Signal Generation, Signal Conditioning and Signal Analysis
- Introduction to Machine Learning
- Hands on Machine Learning Algorithm Breakdown - Supervised Learning - Regression
- Hands on Machine Learning Algorithm Breakdown - Supervised Learning - Classification
- Hands on Machine Learning Algorithm Breakdown - Unsupervised Learning - Clustering
- Hands on AML Application - 3 Phase Fault Identification
- Introduction to Electrical Power Toolkit
- Hands on Electrical Power Toolkit - Electrical Data processing and demonstration of Real time Power Quality Monitoring

## COURSE OUTCOMES

After attending this course, participants will be able to:

- Understand Graphical Programming & its Paradigm.
- Create user interfaces with charts, graphs and Buttons.
- Understand about Machine Learning Algorithms and its use cases.
- Use the Machine Learning Algorithm to solve electrical engineering challenges.

## SYSTEM REQUIREMENT

Participants are required to have Laptop/PC with Windows 7 or later, 4GB RAM, 25GB free space on C drive and good internet connectivity.

## RESOURCE PERSON

Experienced faculty from IIT, NIT, and other renowned institutions, experts from industries will deliver lectures and conduct hands-on practical sessions.



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Department of Electrical Engineering  
Shri Sant Gajanan Maharaj College of Engineering, Shegaon MS**



Sessions Days	Session 1 (1.00 PM to 3.00 PM)		Break (3.00 PM to 3.30 PM)	Session 2 (3.30 PM to 5.30 PM)	
	Hour 1	Hour 2		Hour 3	Hour 4
<b>Day – 1 (23.11.2020)</b>	Engineering Solutions using Graphical System Design. Why? What? How?	Hands-on Graphical Programming – Programming Environment		Hands on Graphical Programming – Data types & loops	Hands on Graphical Programming –Building Deployable Applications
<b>Day – 2 (24.11.2020)</b>	Introduction to Signal Processing	Hands on Signal Processing – Signal Generation		Hands on Signal Processing – Signal Conditioning	Hands on Signal Processing – Signal Analysis
<b>Day – 3 (25.11.2020)</b>	Introduction to Machine Learning	Introduction to Machine Learning		Machine Learning Algorithm Breakdown – Supervised Learning - Regression	Hands on Supervised Learning - Regression
<b>Day – 4 (26.11.2020)</b>	Machine Learning Algorithm Breakdown – Supervised Learning - Classification	Machine Learning Algorithm Breakdown – Supervised Learning - Classification		Hands on Supervised Learning - Classification	Hands on Supervised Learning - Classification
<b>Day – 5 (27.11.2020)</b>	Machine Learning Algorithm Breakdown – Unsupervised Learning - Clustering	Hands on Unsupervised Learning - Clustering		Hands on AML Application – 3 Phase Fault Identification	Hands on AML Application – 3 Phase Fault Identification
<b>Day – 6 (28.11.2020)</b>	Introduction to Electrical Power Toolkit	Hands on Electrical Power Toolkit – Electrical Data processing		Demonstration of Real time Power Quality Monitoring	Demonstration of Real time Power Quality Monitoring

- **Inauguration and Keynote addressing: 23<sup>rd</sup> November 2020**
- **Valedictory: 28<sup>th</sup> November 2020**
- **Test and feedback: 28<sup>th</sup> November 2020**


**AICTE Sponsored  
One-Week Online  
Short Term Training Program (STTP)**

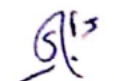
on

**“Software Utility for Teaching and Research in Electrical Engineering (SUTREE-2020)” Phase II  
23rd November to 28th November 2020**

<b>Sr. No.</b>	<b>Name of Participant</b>	<b>Designation</b>	<b>Email</b>	<b>Organization/Institute</b>
1	CH. LENIN BABU	RESEARCH SCHOLAR	eee.chlb@gmail.com	S V UNIVERSITY, TIRUPATI
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43	Vijay Karale	Assistant Professor	vskarale@gmail.com	Shri Sant Gajanan Maharaj College of Engineering, Shegaon

  
Dr. Saurabh S. Jadhao  
SSGMCE, Shegaon

  
Dr. Sudhir R. Paraskar  
SSGMCE, Shegaon

## ABOUT SSGMCE SHEGAON

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE), one of the premier institutes in the field of engineering, was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra State, Mumbai. SSGMCE has the recognition of being the reaccredited institute by NAAC, Bangalore and the courses are also accredited by NBA (5 times), AICTE, New Delhi.

The institute offers five undergraduate engineering courses and five postgraduate courses. All the laboratories have been recognized as centres for Ph.D. program. It has excellent physical facilities in the form of residential and academic buildings spread over neat and clean 82 acres of campus. SSGMCE is considered as one of the best institutes in the region and holds the strength to be accountable for the content and quality of education.

## ABOUT DEPARTMENT

The Department of Electrical Engineering offers a vibrant environment for UG and PG education and research in Electrical Engineering. The Department is committed to the advancement of the frontiers of knowledge in electrical engineering and to provide the students with a stimulating and rewarding learning experience. The department offers 4 years B.E. Electrical (Electronics & Power) Program and 2 years M.E. (Electrical Power System) Program. The department is five times accredited by NBA.

The department is strong with senior faculty members and experts in various fields of electrical engineering. The department is equipped with the high-end computational software such as ETAP, PSCAD, LabVIEW and Neuro-solutions. To support and encourage research, consultancy work the department is available with industry grade equipment's like, Compact RIO, D-space hardware kit, Power Quality Analyzer, 100kV High Voltage Testing set, Dielectric Testing kit and various data acquisition systems and many more. The department has recently started state of the art training centre for PLC and Factory Automation.

## ORGANIZING COMMITTEE

### Chief Patron

#### **Hon'ble Shri Shivshankarbhai Patil**

Chairman, Shri Gajanan Shikshan Sanstha,  
Shegaon

### Patron

#### **Hon'ble Shri Shrikantdada Patil**

Managing Director, SSGMCE, Shegaon

### Organizing Chair

#### **Dr. S. B. Somani**

Principal, SSGMCE, Shegaon

### Convener

#### **Dr. S. R. Paraskar**

Professor & Head, Department of Electrical  
Engineering, SSGMCE, Shegaon

### Co-convener

#### **Dr. S. S. Jadhao**

Assistant Professor, Department of Electrical  
Engineering, SSGMCE, Shegaon

## ADDRESS FOR CORRESPONDENCE

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**Professor & Head**

**Mobile No: +91- 9422920644**

**Dr. S. S. Jadhao**

**Assistant Professor**

**Mobile No: +91- 9423056082**

**Email: [sutree.2k20@gmail.com](mailto:sutree.2k20@gmail.com)**

**Department of Electrical Engineering  
SSGMCE, Shegaon**



**AICTE Sponsored  
One-Week Online**

**Short Term Training Program (STTP)  
on**

**“Software Utility for Teaching and  
Research in Electrical Engineering  
(SUTREE-2020)” Phase III**

**7<sup>th</sup> December to 12<sup>th</sup> December 2020**



**Organized by**

**Department of Electrical Engineering  
Shri Sant Gajanan Maharaj College of  
Engineering, Shegaon MS**



## ABOUT STTP

The modern-day tools and computing facilities for engineering research are changing rapidly. It is essential and utmost necessary for the PhD Scholars along with faculties to upgrade their skills. The STTP aims at enhancing the computing and analysing skills of budding researchers and faculties. The new age software helps in modelling, simulating and analysing the abstract concepts of engineering. The software is also helpful in teaching learning process to deliver and understand complex engineering problems. Thus, the main objective of the STTP is to make faculties and PhD scholars aware about the new age computing and research facilities. The STTP also has an objective to provide hands-on training of new technology and software to promote research in the field of engineering.

## BENEFITS TO PARTICIPANTS

The STTP is designed to enhance the teaching, computing and analysing skills of the faculties and Research Scholars. It is also helpful for the research scholars to be informed about new technologies and to make them aware about modern teaching tools and methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. It will promote the professional practices relevant to technical education. The faculty is largely benefited by the STTP in sense of modern technology and software that can be used not only for effective teaching but also for research.

## ELEGIBILITY

This course is open to Faculty members, Research scholars of AICTE approved Engineering colleges, Polytechnic colleges and Industry person.

## REGISTRATION FORM (LINK)

<https://forms.gle/Rp69i9Ttp9UQSTX8>

## REGISTRATION DETAILS

The registration is free for faculty members from AICTE approved institutions and Industry person. The number of participants is limited to 40 and the selection is based on first come - first served basis. Confirmation will be conveyed through email.

### IMPORTANT DATES

**Last Date for Registration: 05.12.2020**

**Intimation of Acceptance: 06.12.2020**

## NO REGISTRATION FEES

## COURSE CONTENTS

- Circuit Capture and Analyse in NI SPICE Suite WHAT? WHY? HOW?
- Hands-on Circuit Capture – Multisim Environment
- Introduction to Mutisim Circuit Analysis
- Circuit simulation – DC Sweep Analysis
- Circuit simulation – AC Sweep Analysis
- Circuit Analysis – Transient Analysis
- Introduction to Power Electronic Circuit Design
- Hands on Power Electronic Design – AC -DC converter
- Hands on Power Electronic Design – DC -AC converter
- Hands on Power Electronic Design – DC -DC converter
- Introduction to DAQ – Multsim Simulation
- Hands – on DAQ – Multisim Simulation – Analog Circuits and Digital Circuits
- Integrating Simulation and Real Hardware Data for comparison
- Introduction to NI PCB Design Suite
- Hands on PCB Designing – Exporting from Mutisim
- PCB Designing – Auto/Manual Routing
- How to convert to Geber File to manufacture PCB Board

## COURSE OUTCOMES

After attending this course, participants will be able to:

- Understand circuit analysis using Multisim.
- Design and simulate various analog and digital circuits.
- Design PCB layout for the desired circuits using PCB design tools.
- Design Power Electronic Converters.
- Implement an academic project or research work using Multisim design platform with multi-domain topology.

## SYSTEM REQUIREMENT

Participants are required to have Laptop/PC with Windows 7 or later, 4GB RAM, 25GB free space on C drive and good internet connectivity.

## RESOURCE PERSON

Experienced faculty from IIT, NIT, and other renowned institutions, experts from industries will deliver lectures and conduct hands-on practical sessions.



**AERIAL VIEW OF SSGMCE, SHEGAON**



**AICTE Sponsored  
One-Week Online  
Short Term Training Program (STTP)**

**“Software Utility for Teaching and Research in Electrical Engineering (SUTREE-2020)”**

on

**Phase III**

**7<sup>th</sup> December to 12<sup>th</sup> December 2020**

**Organized by**

**Department of Electrical Engineering**

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon MS**



Sessions Days	Session 1 (11.00 AM to 1.00 PM)		Break (1.00 PM to 2.00 PM)	Session 2 (2.00 PM to 4.00 PM)	
	Hour 1	Hour 2		Hour 3	Hour 4
<b>Day – 1 (07.12.2020)</b>	Circuit Capture and Analyze in NI SPICE Suite WHAT? WHY? HOW?	Hands-on Circuit Capture – Multisim Environment		Hands-on Circuit Capture – Using Virtual Instruments in Multisim	Hands-on Circuit Capture – Virtual Lab Experience
<b>Day – 2 (08.12.2020)</b>	Introduction to Mutisim Circuit Analysis	Hands-on Circuit simulation – DC Sweep Analysis		Hands-on Circuit simulation – AC Sweep Analysis	Hands-on Circuit Analysis – Transient Analysis
<b>Day – 3 (09.12.2020)</b>	Introduction to Power Electronic Circuit Design	Hands on Power Electronic Design – Configuration		Hands on Power Electronic Design – AC - DC converter	Hands on Power Electronic Design – AC - DC converter
<b>Day – 4 (10.12.2020)</b>	Hands on Power Electronic Design – DC - AC converter	Hands on Power Electronic Design – DC - AC Converter		Hands on Power Electronic Design – DC - DC converter	Hands on Power Electronic Design – DC - DC converter
<b>Day – 5 (11.12.2020)</b>	Introduction to DAQ – Multisim Simulation	Hands – on DAQ – Multisim Simulation – Analog Circuits		Hands – on DAQ – Multisim Simulation – Digital Circuits	Demo – Integrating Simulation and Real Hardware Data for comparison
<b>Day – 6 (12.12.2020)</b>	Introduction to NI PCB Design Suite	Hands on PCB Designing – Exporting from Mutisim		Hands on PCB Designing – Auto/Manual Routing	How to convert to Geber File to manufacture PCB Board.

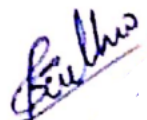
- **Inauguration and Keynote addressing: 7<sup>th</sup> December 2020 at 10.30 AM**
- **Valedictory: 12<sup>th</sup> December 2020**
- **Test and feedback: 12<sup>th</sup> December 2020**

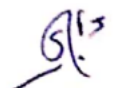
**AICTE Sponsored  
One-Week Online  
Short Term Training Program (STTP)**

**on  
“Software Utility for Teaching and Research in Electrical Engineering (SUTREE-2020)” Phase III  
7th December to 12th December 2020**

<b>Sr. No.</b>	<b>Name of Participant</b>	<b>Designation</b>	<b>Email</b>	<b>Organization/Institute</b>
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5	Apeksha subhash sonone	Lecturer	apeshasonone16@gmail.com	Manav polytechnic vyalla
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14	Dr. Purushottam Narayanrao Padghan	Selection Grade Lecturer	pnpadghan1066@gmail.com	Government Polytechnic, Mumbai
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38	Sapana Pradip Sonar	Asst.Prof.	sapnasonar@gmail.com	Guru Gobind Singh College of Engineering and Research Centre Nashik
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42	Tejas Ramesh Bhanegaonkar	assist. Prof.	trbhanegaonkar@gmail.com	AVCOE, Sangamner
43	THOKAL PRASHANT VIJAY	Asst. Professor	thokal.prashant@gmail.com	Sanjivani COE, Kopargaon
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Dr. Saurabh S. Jadhao  
SSGMCE, Shegaon

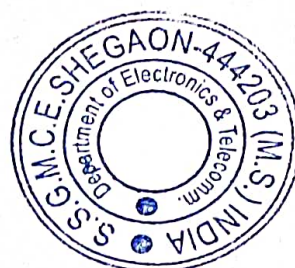
  
Dr. Sudhir R. Paraskar  
SSGMCE, Shegaon

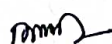


6.3.3 Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year 2020-21.

Sr.No	Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organized for teaching staff	No of Participants
1	5-10-2020 to 9-10-2020	Internet of Things for Agriculture Applications	129

  
Mrs.K.S.Vyas/Mrs.A.A.Deshmukh



  
Dr. M.N.Tibdewal  
HoD ,EXTC

## AICTE Training and Learning (ATAL) Academy

All India Council for Technical Education (AICTE) established AICTE Training And Learning (ATAL) Academy with the vision to empower faculty to achieve goals of Higher Education such as access, equity and quality. ATAL academy supports technical institutions in fostering research, innovation and entrepreneurship through trainings, workshops, orientations and faculty development programmes in various thrust areas of modern technology.

### Participants Eligibility

- The faculty members of the AICTE approved institutions, research scholars, PG Scholars, and Industry persons.
- Preference will be given to new participants. Maximum 200 participants may be allowed to attend online FDP on a first come first serve basis. Coordinators are free to admit less number depending on the feasibility.

### Registration Process

1. Register as a participant on ATAL academy website.  
<https://atalacademy.aicte-india.org/signup>
2. After successful registration, verify your email by clicking on verification link received on provided email id.
3. Login to ATAL portal and Fill your details.
4. Click on "Workshops" tab →  
Select State → Maharashtra →  
Select Month → October →  
Select Thrust Area → Internet of Things →  
Select Mode → Online Mode
5. Select Institute → Shri Sant Gajanan Maharaj College of Engineering, Shegaon

## About the FDP

Internet of Things is the one of thrust areas of today's modern technology. IoT applications for agriculture are rapidly developing for smart farming. It is noted that 75 million IoT systems will get deployed for agricultural purposes up to 2025. There is need to study and develop IoT for Agriculture that feeding billions of people.

### FDP Contents

- Internet of Things: Basics and Architecture.
- IoT Protocols and Technologies.
- IoT Hardware Platforms.
- Low Power Design Methodologies for IoT.
- Emerging Technologies and Protocols for IoT.
- Communication Technologies for IoT.
- Internet of Things for Smart Farming.
- Case Studies for Agriculture Applications.
- IoT in Agriculture: Opportunities and Challenges.
- Sensors for environment and soil parameters sensing.
- Weather Station Design for Farms.
- Data Visualization through Cloud Platforms.
- Android App development for weather monitoring.

### Certification

The certificates endorsed by ATAL academy shall be issued to those participants who will attend the FDP with minimum 80% attendance and scored minimum 60% marks in the test and submit the online feedback on ATAL login at the last of FDP.

### Registration Fees

There is no registration fee to attend this FDP but registration to FDP on ATAL academy website is mandatory.

### Online Platform: Microsoft Teams



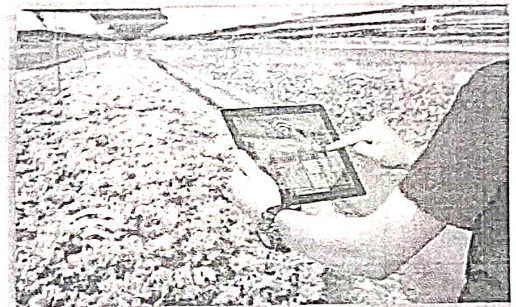
A Five Day  
Faculty Development Program on

# Internet of Things for Agriculture Applications

5 - 9, October 2020

Sponsored by

AICTE Training And Learning (ATAL) Academy



Organized By

Electronics and Telecommunication Engineering Department  
Shri Sant Gajanan Maharaj College of Engineering,  
Shegaon, Maharashtra State, India - 44203

20-09-21



## About SSGMCE Shegaon

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE), one of the premier institutes in the field of engineering, was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra State, Mumbai. SSGMCE has the recognition of being the re accredited institute by NAAC, Bangalore and the courses are also accredited by NBA (4-5 times), AICTE, New Delhi.

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## Exp. Speakers

**Dr. Satyanarayana Bheesette**  
Scientific Officer (II), Dept of High Energy Physics,  
Tata Institute of Fundamental Research (TIFR), Mumbai

**Dr. Shashikant Sadistap**  
Chief Scientist, CSIR,  
Central Electronics Engineering Research Institute (CEERI), Pilani

**Mr. Santosh Sam Koshy**  
Joint Director,  
Centre for Development of Advanced Computing (CDAC), Hyderabad

**Mr. Abhijit Joshi**  
Sr. Vice President, Jain Irrigation Systems Ltd, Jalgaon

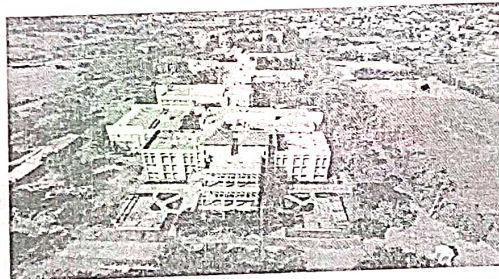
**Dr. K. B. Khanchandani**  
Professor, Electronics and Telecommunication Engg. Dept,  
SSGMCE, Shegaon

**Dr. Satyam Srivastava**  
Scientist, CSIR,  
Central Electronics Engineering Research Institute (CEERI), Pilani

**Dr. Pravin Wankhede**  
Asst. Prof., Electronics and Telecommunication Engg. Dept,  
SSGMCE Shegaon

**Prof. Vivek Ratnaparkhi**  
Asst. Prof., Electronics and Telecommunication Engg. Dept,  
SSGMCE Shegaon

**Mrs. Sucha Gachake**  
Certified Yoga Trainer



## Organising Committee

### Chief Patron

**Hon'ble Shri Shivshankarbhau Patil**  
Chairman, Shri Gajanan Shikshan Sanstha, Shegaon

### Patron

**Hon'ble Shri Shrikantdada Patil**  
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### Convener

**Dr. G.S. Gawande**  
Head, Electronics and Telecommunication Engineering Dept,  
SSGMCE, Shegaon

### Coordinator

**Dr. P. R. Wankhede**  
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### Co-coordinator

**Prof. V. K. Bhangdiya**  
Assistant Professor,  
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[www.ssgmce.ac.in](http://www.ssgmce.ac.in)



ATAL 5 Day Faculty Development Program on  
Impact of Things for Agriculture Applications  
(5 to 9 October, 2020)

Sponsored by  
AICTE Training and Learning (ATAL) Academy  
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Department of Electronics and Telecommunication Engineering  
Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Session Days	Session I 1.00 pm to 2.30pm		Session II 2.45 pm to 4.15pm		Session III 4.30 pm to 6.00pm
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Day 3 7 Oct 2020	Case Studies of IoT in Agriculture Mr. Santosh Sam Koshy Joint Director, CDAC, Hyderabad	Break	Machine Learning for IoT Mr. Madhukant Patel CTO, Teksun Inc Former Scientist, ISRO	Break	Weather Data Visualization through Cloud Platforms (Hands-on) Dr. Pravin Wankhede E & TC Dept. SSGMCE Shegaon
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*A Five Day  
Faculty Development Program on*

# **Internet of Things for Agriculture Applications**

**5 – 9, October 2020**

**Application No. 1584097892**

*Sponsored by*

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***Shri Sant Gajanan Maharaj College of Engineering,***

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Asst. Prof., E & TC Dept, SSGMCE, Shegaon

## **Prof. Vivek Ratnaparkhi**

Asst. Prof., E & TC Dept, SSGMCE, Shegaon

## **Mrs. Sneha Gachake**

Certified Yoga Trainer

## **About the Faculty Development Program**

Internet of Things is the one of thrust areas of today's modern technology. IoT applications for agriculture are rapidly developing for smart farming. It is noted that 75 million IoT systems will get deployed for agricultural purposes up to 2025. There is need to study and develop IoT for Agriculture that feeding billions of people.

### **FDP Contents**

- Internet of Things: Basics and Architecture.
- IoT Protocols and Technologies.
- IoT Hardware Platforms.
- Low Power Design Methodologies for IoT.
- Communication Technologies for IoT.
- Machine Learning for IoT.
- Internet of Things for Smart Farming.
- Case Studies for Agriculture Applications.
- IoT in Agriculture: Opportunities and Challenges.
- Sensors for Environment and Soil Parameter Sensing.
- Weather Station Design for Farms.
- Data Visualization through Cloud Platforms.
- Android App Development for Weather Monitoring.

**Online Platform:** Microsoft Teams / Google Meet



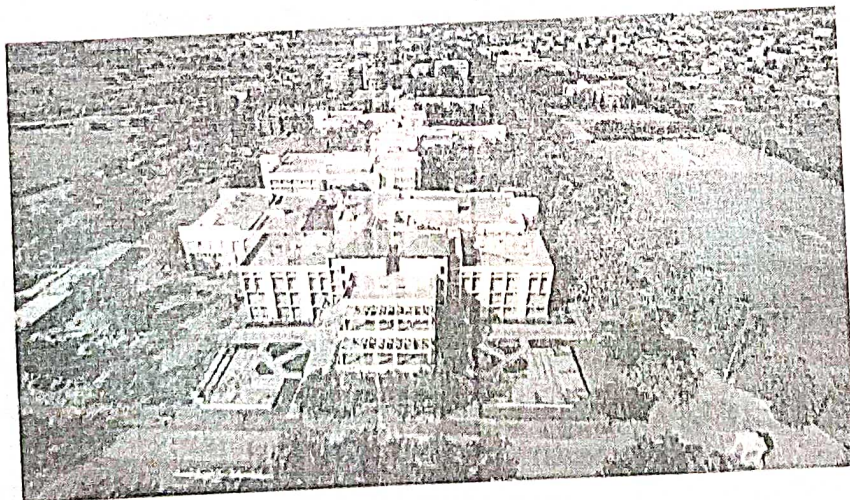
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Media coverage in newspapers

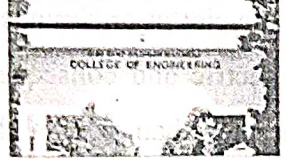
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श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय में पांच दिवसीय राष्ट्रीय प्राध्यापक विकास कार्यक्रम प्रारम्भ

उपज कैसे बढ़ाई जा सकती है, वैज्ञानिक अपघर्षों के कारण होने वाले नुकसान कैसे नष्ट किये जा सकते हैं, खेती के लिए अनुसंधान का कैसे इस्तेमाल कर सकते हैं, येल जर्मन अनुभव करेन मो फसल लेना उचित होगा, हल्कमान के बदलाव को समझने के लिए एए तैयार करना, खेती सड़भ में आर्टिफिशियल इन्टेलिजेंस का उपयोग कर कृषि

## आयोजन | देश के विविध प्रदेशों के 200 प्राध्यापकों ने लिया हिरसा संत गजानन महाराज अभियांत्रिकी महाविद्यालय में पांच दिवसीय राष्ट्रीय प्राध्यापक विकास कार्यक्रम प्रारम्भ

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय में परमाणु एवं दूरसंचार विभाग व्हाग धांच टियसीय राष्ट्रीय प्राध्यापक विकास कार्यक्रम का ऑनलाइन आयोजन 5 अक्टूबर से शुरू है। कार्यक्रम माइक्रोसॉफ्ट ऑफिस टीम ड्रम ऑनलाइन प्लेटफॉर्म व्हाग किया गया है। इस कार्यक्रम में देशभर से विविध राज्य से करीबन 200 प्राध्यापकों ने सहभाग लिया है।



इंटरनेट और थिमा पर एप्लीकेशन एप्लीकेशन' इस कार्यक्रम का विषय है। खेती में नई तकनीक का उपयोग कर कृषि

**15 सत्रों में इनका मिलेगा मार्गदर्शन** - पांच दिवसीय इस कार्यक्रम में पहले सत्रों में देशीय इलेक्ट्रिकल अभियांत्रिकी अनुसंधान संस्थान दिल्ली के मुख्य वैज्ञानिक डॉ. शक्तिरत्न खेरिवाल, सी डीएम हैदराबाद के सहसंचालक शोभ संज केशी, जेल इरिगेशन मिशन लि के वीरेंद्र उपाध्याय अभिजित जेरी, इत्ये के पूर्व वैज्ञानिक तथा टेक्ना के सीटीओ मधुकरत घरेल, उच्च उर्जा शैतिकोशला विभवा, एटा सुचभूत संशोधन संस्थान मुंबई के वैज्ञानिक प्रदीपकरी डॉ. सत्यनारायण भिसेटे, केन्द्रीय इलेक्ट्रिकली अभियांत्रिकी अनुसंधान संस्थान दिल्ली के वैज्ञानिक डॉ. सचन श्रीवत्सव आदि पथकजनों के साथ संवाद कर खेती में आर्टिफिशियल इन्टेलिजेंस का उपयोग कर सकते हैं, इस पर मार्गदर्शन करेंगे। इसने ज्वाइंटवन्थ के डॉ. के वी राजचंदरनी, डॉ. प्रदीप वलखटे एट आ, विवेक खलकरानी ओ मार्गदर्शन करेंगे। कार्यक्रम के शिप केंद्र सरकार के अखिल भारतीय संशोधन शिक्षण परिषद प्रोफेसरसीटी, नई दिल्ली की उद्यम अकादमी वहा 90 हजार स्वयं अनुभव प्राप्त हुआ है। ज्वाइंटवन्थ के सहसंचालक श्रीकान्ताक पटेल, डॉ. एम वी शैमशो, परमाणु एवं इंटरनेट विभा के प्रमुख डॉ. जी एन जावडे के मार्गदर्शन में कार्यक्रम के संचालक के तौर पर डॉ. प्रदीप वलखटे एट आ, विवेक भाउडीय रह खन देखा रहे हैं।

## श्री संत ग, म, अभियांत्रिकी महाविद्यालयच्या राष्ट्रीय प्राध्यापक विकास चर्चासत्रात तज्ञांचे मार्गदर्शन

**श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय** परमाणु आणि दूरसंचार विभागातर्फे केंद्र सचकारच्या अटल अहंटेमी, आ मा. तज्ञज्ञान शिक्षण परिषद (एआयसीटीई), नवी दिल्ली यांच्या अध्यक्षतेखाली पांच दिवसीय राष्ट्रीय प्राध्यापक विकास कार्यक्रमाचे ऑनलाईन आयोजन करण्यात आले होते. ५ ऑक्टोबर ते ९ ऑक्टोबर च्या दरम्यान हे संचालित मायक्रोसॉफ्ट ऑफिस टीम का ऑनलाइन प्लॅटफॉर्मद्वारे पेश्यात आले. या चर्चासत्रात केन्द्रीय इलेक्ट्रॉनिकी अभियांत्रिकी अनुसंधान संस्थान दिल्लीने मुख्य वैज्ञानिक डॉ. शक्तिरत्न खेरिवाल यांनी इंटरनेट ऑफ थिंग्ज वा प्रवाह आणि वापर देशातील प्रत्येक ग्रामपंचायत पर्यंत पोचवता याहीने आणि प्रत्येक ग्रामपंचायत शेवतील

शेतीची गरज स्थान घेऊन इंटरनेट ऑफ थिंग्जचा वापर केला. याहीने असे प्रतिपादन केले. सीडीएम हैदराबादचे सहसंचालक शोभ संज केशी यांनी हरित थिमा, आंध्रप्रदेश या प्रकल्पानादल माहिती दिल्ली जेन इमिगेशन सिस्टम लि. चे वरिष्ठ उपाध्यक्ष अनिजित जोशी यांनी कर्नाटकतील रामधल स्वयंचलित विचक सिंचन प्रकल्पबाबत माहिती दिल्ली यावेळी नवीन स्वयंचलित विचक सिंचन पद्धतीने पाणी कस वाचवता येईल आणि कमी किमतीत पिके घेता येतील हे शक्यविण्याबाबत आयजोटी पत्ररूप प्रायोगिक तत्त्वावर याचवेळा ज्ञान जाणे अशी माहितीही यांनी दिली.

उच्च उर्जा भौतिकीशाळा विभाग, एटा मुलभूत संशोधन संस्था, मुंबईचे वैज्ञानिक अखिलेशी डॉ. सत्यनारायण विवेक यांनी शेतील लागू करावयाची प्रयोग करणे याची योजना तयार करणे आणि कर्नाटकातील रामधल स्वयंचलित विचक सिंचन आणि शेतीकस नवीन तंत्रज्ञानाचा वापर करून उपाय कस वाटवता येईल हे वा विचक सिंचन माहिती दिल्ली तर डॉ. के वि खानचंदरानी व प्रा विवेक राजागणी यांनी शेतीविषयक वेळा काळातील तंत्रज्ञान विषयवर माहिती दिल्ली महाविद्यालयाचे संचालक श्रीकान्त पाटील, प्राचार्य डॉ. एम वी. शोभाणी, परमाणु आणि दूरसंचार विभागाचे प्रमुख डॉ. जी एन. जावडे यांच्या मार्गदर्शनाखाली कार्यक्रम संचालित करण्यात आला आहे. प्रा. विवेक भाउडीय यांनी कस पाहील

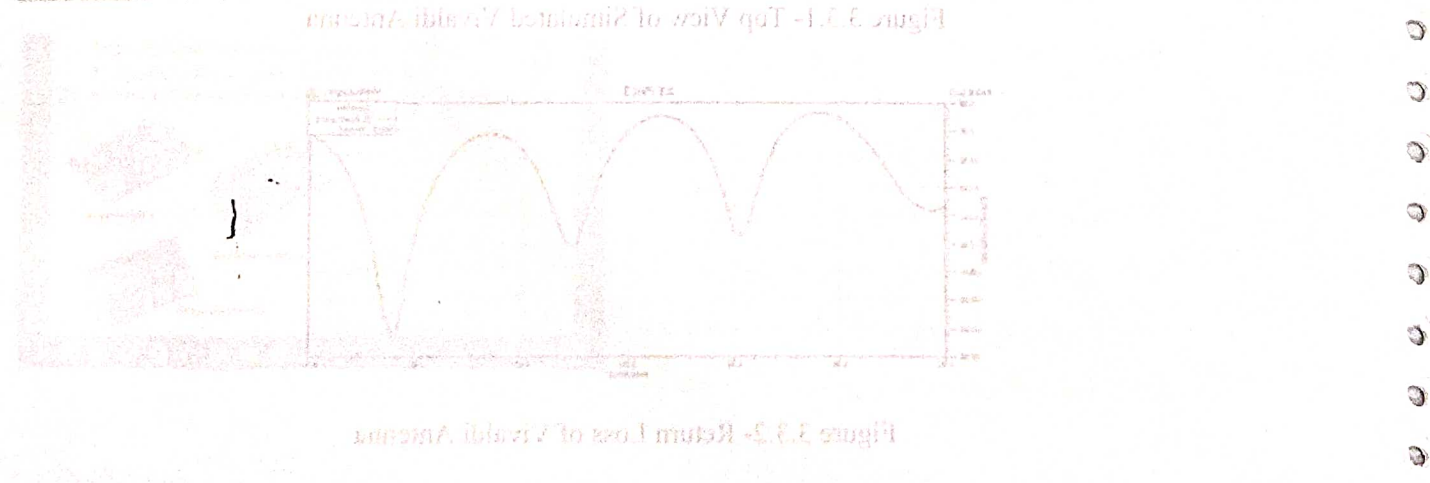
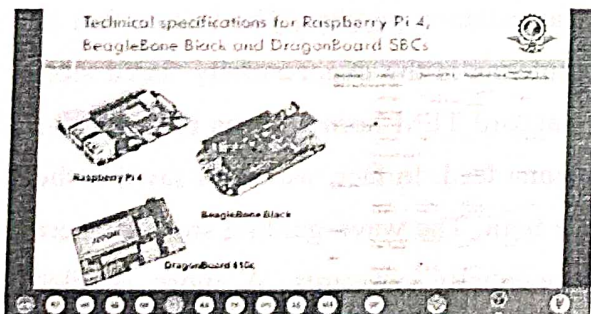
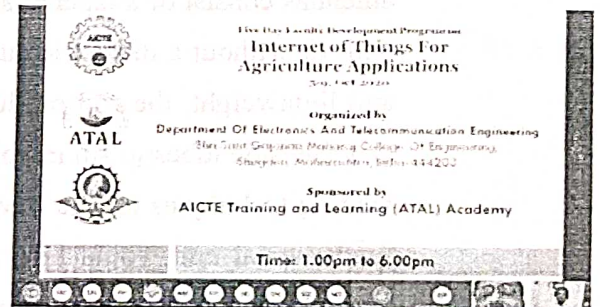
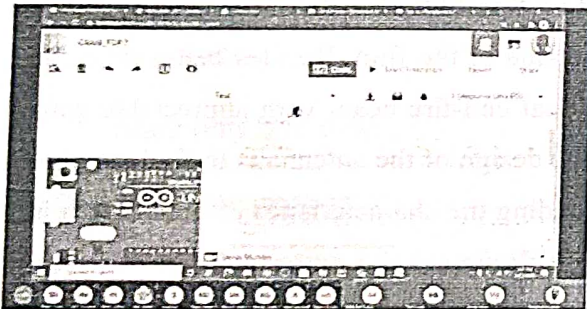
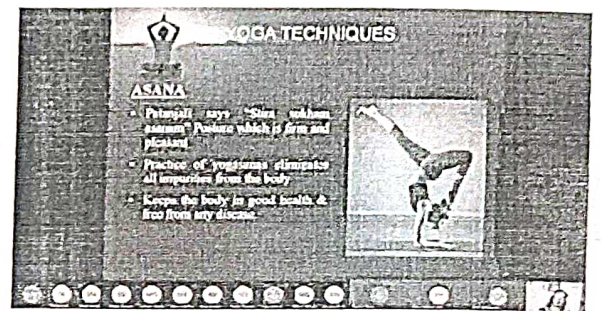
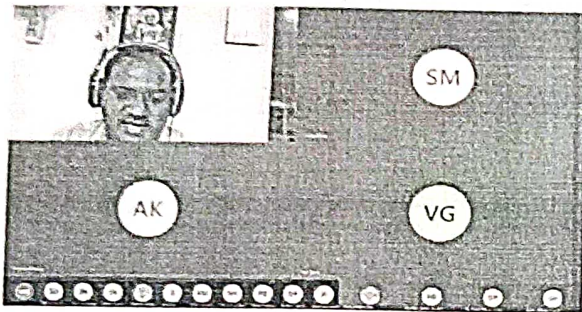
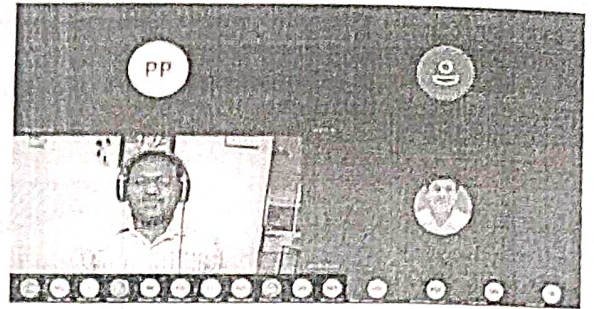
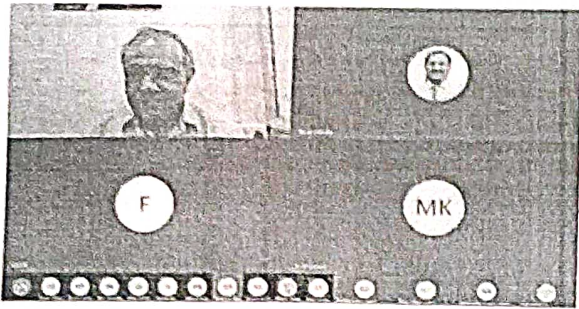


Figure 3.3-3: A graph showing a periodic wave pattern, likely representing a signal or data over time.







# Test : AICTE FDP on IoT for Agriculture Applications

5-9, Oct 2020, SSGMCE Shegaon Shri Sant Gajanan Maharaj College of Engineering, Shegaon

\* Required

1. Email address \*

2. Participant Name ( Use Registered Name) \*

3. Institute / Organization Name (Use Full Name) \*

4. IoT is about \*

2 points

Mark only one oval.

- Connectivity
- Information and Communication
- Action and Interaction
- All the answers

5. Which of the following protocols can be used for IoT communication with Clouds \* 2 points

Check all that apply.

- CoAP  
 MQTT  
 XMPP  
 All the answers

6. What are the following limitations of Existing Irrigation Systems? \* 2 points

Check all that apply.

- Limited Sensing  
 Connectivity Problems  
 Less Expert Knowledge  
 High Cost

7. Which of the impacts of Smart Agriculture? \* 2 points

Check all that apply.

- Save Water  
 Increases Profit  
 Reduce Carbon Emissions  
 Save Fertiliser

8. What type of enabler for IoT is IEEE 802.15.1? \* 2 points

Mark only one oval.

- Hardware  
 Software  
 Application  
 None of the answers

2 points

9. The IoT goal is \*

Mark only one oval.

- Any TIME Connection
- Any PLACE connection
- Any Thing connection
- All of the answers

10. NFC (Near Field Communication) helpful for communication with a distance of \*

2 points

Mark only one oval.

- 10cm
- 10inch
- 10meters
- 1km

11. Bluetooth Low Energy works in frequency spectrum of \*

2 points

Mark only one oval.

- 800MHz
- 2.4GHz
- 5GHz
- 15GHz

12. LPWAN - LORA is a \* 2 points

Mark only one oval.

- Open Source Technology
- Proprietary Technology
- Both of the above
- None of the answers

13. MQTT protocol is \* 2 points

Mark only one oval.

- Brokerless protocol
- Broker based highweight protocol
- Broker based lightweight protocol
- Brokerless lightweight protocol

14. Which project was discussed by Mr. Abhijit Joshi? \* 2 points

Mark only one oval.

- Kamthal Micro Irrigation Project
- Ramthal Micro Irrigation Project
- Ramthal Solar Project
- None of the answers

15. Link budget is a way of quantifying the \* 2 points

Mark only one oval.

- Antenna Performance
- Controller Performance
- Link Performance
- Cloud Performance



16. Majority of low power wide-area network (LPWAN) technologies uses a network topology of type \* 2 points

Mark only one oval.

- Mesh Topology
- Star Topology
- Ring Topology
- Common Bus Topology

17. Select commonly used protocols for Device-to-Device Communication \* 2 points

Check all that apply.

- Bluetooth
- Z-Wave
- ZigBee
- All the answers

18. The IEEE standard for WiFi is \* 2 points

Mark only one oval.

- 802.11
- 802.15
- 802.16
- 802.18

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## FDP Report

A five day faculty development program on internet of things for agriculture applications is organized by Department of Electronics and Telecommunication Engineering of Shri Sant Gajanan Maharaj College of Engineering, Shegaon during 5<sup>th</sup> to 9<sup>th</sup> Oct 2020 through online mode.

In this FDP, scientist, industry persons, academicians were invited as expert speakers who are expert in agriculture and IoT domain. The experts like Dr. Satyanarayana Bheesette Scientific Officer (H), Dept of High Energy Physics, Tata Institute of Fundamental Research (TIFR), Mumbai, Dr. Shashikant Sadistap, Chief Scientist, CSIR, Central Electronics Engineering Research Institute (CEERI), Pilani, Mr. Santosh Sam Koshy, Joint Director, Centre for Development of Advanced Computing (CDAC), Hyderabad, Mr. Abhijit Joshi, Sr. Vice President, Jain Irrigation Systems Ltd, Jalgaon, Mr. Madhukant Patel, CTO, Teksun Inc, Former Scientist, ISRO, Dr. K. B. Khanchandani, Professor, Electronics and Telecommunication Engg. Dept, SSGMCE, Shegaon, Dr. Satyam Srivastava, Scientist, CSIR, Central Electronics Engineering Research Institute (CEERI), Pilani, Dr. Pravin Wankhede Asst. Prof., E & TC Dept, SSGMCE, Shegaon, Prof. Vivek Ratnaparkhi, Asst. Prof., E & TC Dept, SSGMCE, Shegaon, and Mrs. Sneha Gachake, Certified Yoga Trainer have delivered their sessions during FDP.

For this program, total 159 participants registered from across India. Out of this, total 129 participants successfully completed the FDP as per the ATAL criteria. All participants actively participated in all sessions of FDP, test and feedback session. The FDP helped the participants to know insights of IoT, role of IoT in agriculture and future research directions in agriculture automation.



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# Webinar on Consumerism & Financial Literacy IN COVID 19 TIMES

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**Consumer Guidance Society of India  
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**Dr. Sitaram Dixit**  
Chairperson  
CGSI

**Dr. S. B. Somani**  
Principal  
Sant Gajanan Maharaj College of Engineering



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Ph : +918669638081/82  
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in  
Website- www.ssgmce.ac.in

### Institute Workshop Summary Report

Workshop Title: "Outcome Based Education for NBA Compliance"

Date: December 15-20, 2021

Location: Online mode

Organizing Institute: Shri Sant Gajanan Maharaj College of Engineering ,Shegaon.

Workshop Facilitators: Mr. Sandip Lokhande , ABET scholar ,Pune.

Number of Participants: 70

Workshop Objectives:

- 1.This workshop will help faculty to understand the concepts of OBE, Blooms taxonomy etc.
2. Faculties would be able to formulate course outcomes for their respective subjects.
3. Faculties would develop understanding for requirement and challenges od NBA compliance.

Workshop Highlights:

- Basic terminologies like, Bloom's taxonomy, CO, PO,PSO, Mission, Vision are covered,
- Correlation matrix , and guidelines for Course outcome statements and its hand's on training is completed by faculties.
- NBA Compliances requirements, their challenges are discussed in detail by Expert.

Outcomes:

- Faculties have drafted sample specimens of their respective course outcomes.
- General guidelines of implementation of Bloom's taxonomy in correlation with CO's. was drafted at the end of workshop.

Impact Analysis:

Faculties have implemented New Sheet for CO-PO Calculation for criteria-3 of NBA Photographs:





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The image shows a promotional poster for a 'Five Days Workshop On OBE FOR NBA COMPLIANCES' and a screenshot of a Zoom meeting. The poster lists highlights, date (15-20 July 2021), time (11:30 AM to 1 PM), platform (Microsoft Teams), and the speaker Mr. Sandip Lokhande (ABET Scholar). The Zoom screenshot shows a grid of participants with initials like KC, RR, KG, G1, and PP.

**Schedule Of OBE Workshop**

Sr	Date	Time	Topic
1	15-06-2021	11.30 am- 1.30 pm	* What is OBE ? * What is CO, PO, PSO, PEO?
2	16-06-2021	11.30 am- 1.30 pm	* How to formulate CO's for 1) Subject 2) Practicals 3) Project, Assignment, Internship, etc * CO-PO mapping justification
3	17-06-2021	11.30 am- 1.30 pm	* Use of OBE to improve quality of question paper, * Effective tools of assessment methods
4	18-06-2021	11.30 am- 1.30 pm	* Impact analysis of Internship, Projects, Industrial Visit, Assignment * How to improve assessment of PO6, PO7, PO8, PO11, PO12
5	19-06-2021	2.30 pm- 4.30 pm	* Methods to implement in "Innovation in teaching learning".

K. D. Gadgil  
Workshop Coordinator

Dr. S. P. Trikal  
HOD, Mech.Dept

Submitted by: K. D. Gadgil

Name and Signature of the Coordinator: K. D. Gadgil

Date of Submission: 25/06/2021





## DEPARTMENT OF INFORMATION TECHNOLOGY

### SESSION 2020-2021

6.3.3 Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

Dates (from-to) (DD-MM- YYYY)	Title of the Professional Development Program Organised for Teaching staff	Title of the Administrative Training Program Organised for Non-teaching Staff	No. of Participants
12-08- 2020	Webinar on "Applications of Remote Sensing" by the MR. SANJAY APTURKAR, Associate Scientist, Maharashtra Remote Sensing Application Center (MRSAC), Nagpur, (M.S.)	NA	19
05-10- 2020 & 06-10- 2020	NA	Workshop on "Platform for Online Meeting, Data Collection and Examination" for the supporting staff of institute.	25

Prof. A. S. Manekar

HOD, IT



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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Information Technology

### REPORT OF WORKSHOP

The Department of Information Technology successfully organized two day “Workshop on Platform for Online Meeting, Data Collection and Examination” for the supporting staff of institute on dated: 5<sup>th</sup> & 6<sup>th</sup> October 2020, at time: 1:30 PM to 2:30 PM at Language Lab, ASH Department.

In the workshop Prof. S. D. Padiya and Prof. S. S. Muddalkar explained the use of Microsoft Teams as a platform for online meeting and the use of Microsoft Form for Data Collection and Online Examination. All the participants also understood the use of Microsoft Team during COVID-19 pandemic by SSGMCE for the above purposes. Total 25 participants benefited by the workshop and got the certificate of participation.

#### Scheduled:

Date	Time	Contents
05/10/2020	1.30 PM to 2.30 PM	Platforms for online meeting (Microsoft Teams)
06/10/2020	1.30 PM to 2.30 PM	Platforms for data collection and examination (Microsoft Form and Google Form), and Online Learning Sources

#### Photos:





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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

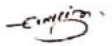



Sample Certificate:


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**Shri Sant Gajanan Maharaj College of Engineering,**  
Shegaon, Dist. Buldhana - 444203, Maharashtra  
Recognized by A.I.C.T.E., New Delhi, Approved by D.T.E. M.S. Mumbai Affiliated to SGBAU,  
Amravati, Re-accredited by NAAC, Bangalore, Courses accredited by NBA, New Delhi.

**Certificate of Participation**

This is to certify that, Mahadeo Shamrao Akhare of Shri Sant Gajanan Maharaj College of Engineering, Shegaon has participated in "Workshop on Platform for Online Meeting, Data Collection and Examination", conducted by Department of Information Technology, SSGMCE, Shegaon on 5th and 6th October 2020.

 Prof. S. D. Padiya Resource Person	 Prof. S. S. Muddalkar Resource Person	 Prof. A. S. Manekar HOD, IT	 Dr. S. B. Somani Principal
--	---	---	--

  
Prof. S. D. Padiya/Prof. S. S. Muddalkar  
Webinar Coordinators

  
Prof. A. S. Manekar  
HOD, IT





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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

10/22/2020

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Untitled form

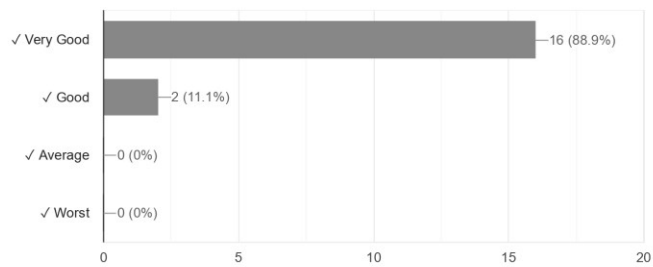
Questions Responses 18

Total points: 5

Rajesh O Bedre  
Pundalik Kankale  
Rajesh Jairam Oimbe  
Gopal Hantode  
Vinod Sahebrao Bharate  
Pandit Babanrao Bule  
Purushottam Mukundrao Dandwate  
Prakash Sampatrao Tayade  
Saleem Ahmad Abdul Jabbar

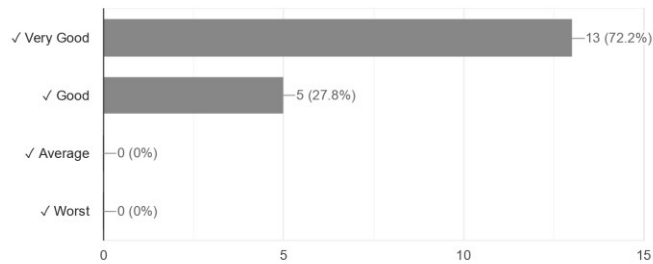
What was the quality of the contents of the workshop?

18 / 18 correct responses



How was the arrangement of resources at the workshop?

18 / 18 correct responses





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10/22/2020

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Questions Responses 18

Total points: 5

18 responses



Not accepting responses

Message for respondents

This exam is not currently accepting submissions. Please check back again later.

Summary

Question

Individual

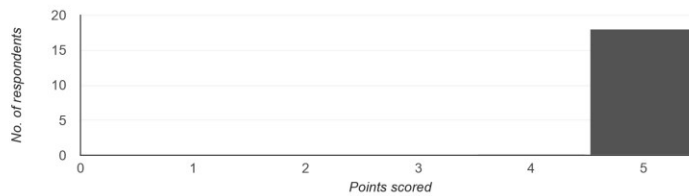
Insights

Average  
5/5 points

Median  
5/5 points

Range  
5-5 points

Total points distribution



Scores

Release scores

Email	Score/5	Score released
<a href="mailto:gopalhantode@gmail.com">gopalhantode@gmail.com</a>	5	Not released
<a href="mailto:as3043518@gmail.com">as3043518@gmail.com</a>	5	Not released
<a href="mailto:oimberj@gmail.com">oimberj@gmail.com</a>	5	Not released
<a href="mailto:m_akhare@rediffmail.com">m_akhare@rediffmail.com</a>	5	Not released
<a href="mailto:kankalepv@rediffmail.com">kankalepv@rediffmail.com</a>	5	Not released
<a href="mailto:sanjaysatal@gmail.com">sanjaysatal@gmail.com</a>	5	Not released
<a href="mailto:dthakare1@gmail.com">dthakare1@gmail.com</a>	5	Not released
<a href="mailto:pbbule1@gmail.com">pbbule1@gmail.com</a>	5	Not released



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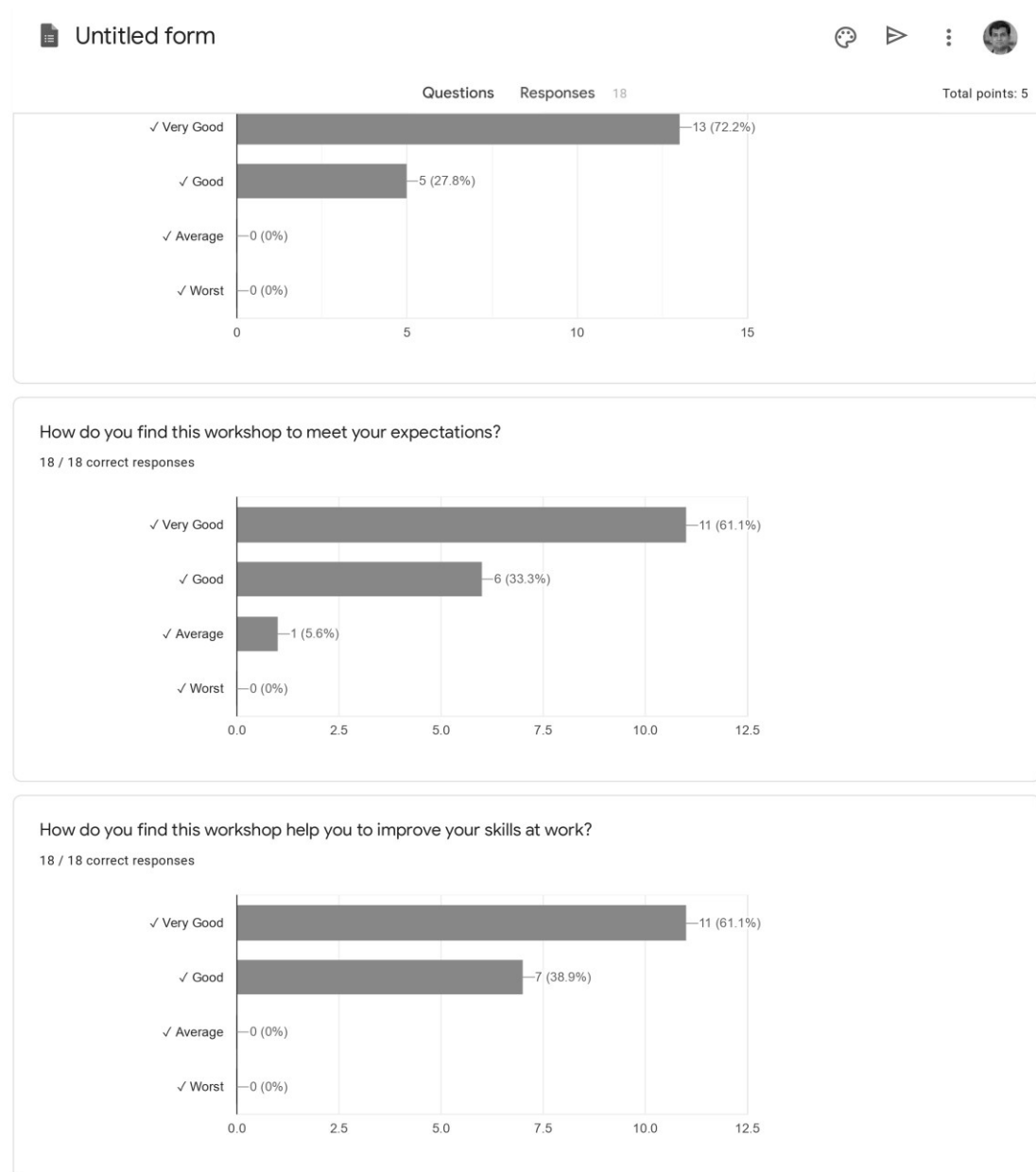
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Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Information Technology

### REPORT OF WEBINAR FOR TEACHING STAFF

The DEPARTMENT OF INFORMATION TECHNOLOGY STUDENT successfully organized a Live Webinar on "Applications of Remote Sensing" for engineering faculty members or any technical aspirant on dated: 12 August 2020, at time: 2:00 PM to 3:00 PM. The resource person was MR. SANJAY APTURKAR, Associate Scientist, Maharashtra Remote Sensing Application Center (MRSAC), Nagpur, (M.S.). The webinar was on Microsoft Office 365 (Microsoft Teams App).

For the conduction of a webinar Prof. S. D. Padiya, Prof. F. I. Khandwani, and Mr. P. N. Nikhade, worked as a coordinator. The 19 interested teaching staff from various department attended a webinar at the swadhyakaksh.

#### Poster

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON, I T  
DIST. BULDANA, (M.S.)  
INFORMATION TECHNOLOGY STUDENTS ASSOCIATION  
Presents

LIVESTREAM WEBINAR ON  
APPLICATIONS OF  
REMOTE SENSING

AUGUST 12, 2020  
2:00PM - 3:00PM

RESOURCE PERSON  
Sanjay M. Apturkar  
Associate Scientist, MRSAC

Prof S D Padiya  
Webinar Coordinator

Prof A S Manekar  
HOD Information Technology  
Department

Dr S B Somani  
Principal

Register Here



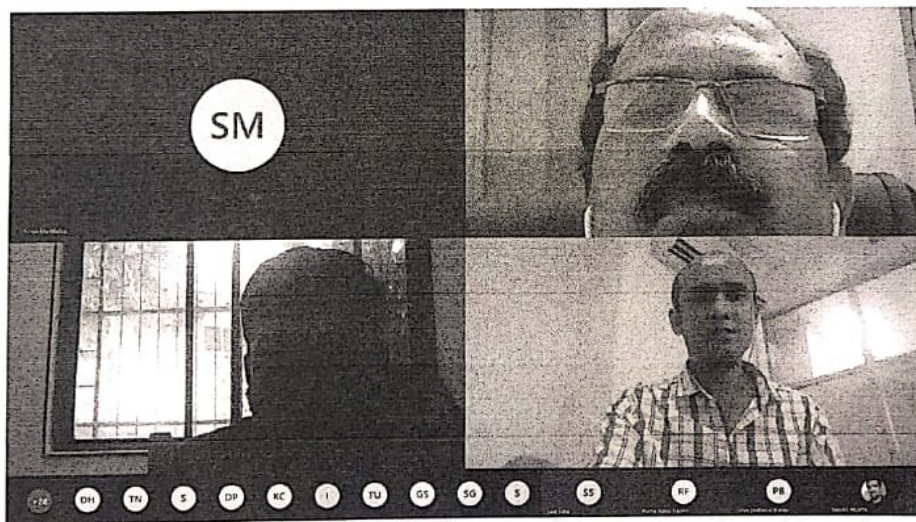
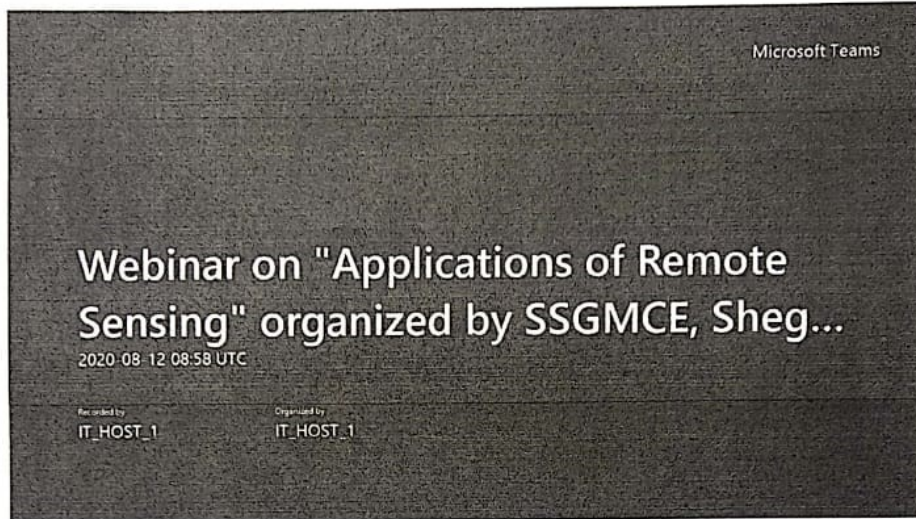
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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

Screenshots:



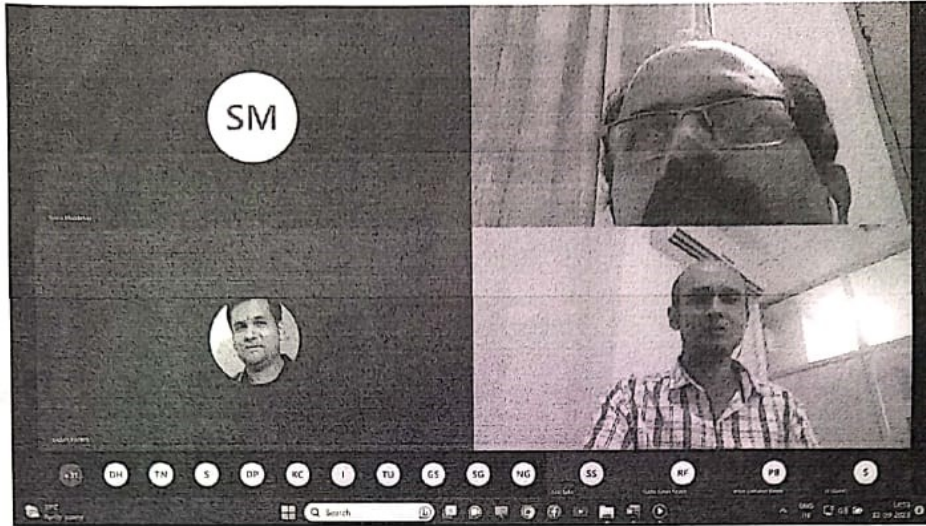


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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)



Prof. S. D. Padiya  
Webinar Coordinator

Prof. A. S. Manekar  
HOD, IT





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Shri Sant Gajanan Maharaj College of Engineering, Shegaon  
Department of Information Technology

### ATTENDANCE

#### Live Webinar on "Applications of Remote Sensing"

MR. SANJAY APTURKAR, Associate Scientist,  
Maharashtra Remote Sensing Application Center (MRSAC), Nagpur, (M.S.).

Date: 12 August 2020

Time: 2:00 PM to 3:00 PM

Venue: Swadhyay Kaksh (Online)

Sr. No.	Teaching Faculty Name	Department	Sign
1	A.S. Maulekar	I.T	
2	Ms. P. V. Kabe	IT	
3	Sagar Padeliya	IT	
4	M. Faizan I. Khandwani	IT	
5	V. S. Mahalle	CSE	
6	C.P. Sable	CSE	
7	Ms. P. U. Deshmukh	CSE	



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Website- [www.ssgmce.ac.in](http://www.ssgmce.ac.in)

8	P. P. Butte	IT	
9	B. R. Hoon / S. S. Sarda	CSE	
10	S. S. Muddalkar	I. T.	
11	A. B. Wagh	I. T.	
12	J. M. Patil	CSE	
13	Dr. R. A. Zamare	CSE	
14	C. M. Mankar	CSE	
15	P. K. Bharme	CSE	
16	R. S. Pote	Elect.	
17	R. S. Kankale	Electrical	
18	M. R. Charan	Electrical	
19	R. K. Mankar	Electrical	
20			
21			
22			

**SHRI SANT GAJANAN MAHARAJ  
COLLEGE OF ENGINEERING, SHEGAON**

**NOTICE**

Date: 17/10/2020

Online Faculty Development Program of selected faculty of SSGMCE, on “Leadership qualities” by Maj Gen Neeraj Bali of LEEADSCAPE Organization is organized during 19<sup>th</sup> to 23<sup>rd</sup> October 2020.

Time: 01.15PM to 04.30PM

List of the participants is enclosed herewith

S.N.	Name of Faculty	S.N.	Name of Faculty
1	Dr. S. B. Somani	16	Dr. S. P. Trikal
2	Dr. S. R. Paraskar	17	Dr. V. K. Thute
3	Prof. R. S. Pote	18	Prof. M. B. Bhambere
4	Dr. Mrs. A. U. Jawadekar	19	Prof. C. V. Patil
5	Prof. U. A. Jawadekar	20	Dr. D. R. Dhotre
6	Dr. G. S. Gawande,	21	Prof. C. M. Mankar
7	Dr. K. B. Khanchandani	22	Prof. V. S. Mahalle
8	Dr. R. S. Dhekekar	23	Prof. A. S. Manekar
9	Dr. S. B. Patil	24	Prof. Ms. P. V. Kale
10	Dr. M. N. Tibdewal	25	Dr. N. A. Patil
11	Prof. V. M. Umale	26	Prof. A. V. Patil
12	Prof. D. L. Bhombe	27	Dr. R. M. Kharate
13	Prof. V. N. Bhonge	28	Prof. N. S. Thakare
14	Dr. D. D. Nawgaje	29	Dr. H. M. Jha
15	Prof. Ms. B. P. Harne	30	Dr. L. B. Deshmukh

**Note:** Participants attendance and active participation is mandatory for this course.

A detail of FDP is already conveyed to your personal mail by Maj Gen Neeraj Bali.

  
Coordinator

Prof. D. L. Bhombe



  
Principal

Dr. S. B. Somani

Copy to: All HODs for necessary action & circulate among faculty members.