

Dept. of Electronics and Telecommunication, SIT Lonavala



IEEE TECHNICOKNOCKDOWN 2021, MAY 30, 2021



National Level Student Conference



"IEEE TECHNICOKNOCKDOWN-2021 (TKD-21)"

Organized by Department of E&TC, SIT, Lonavala



Technically Sponsored by IEEE Bombay Section and IETE, Pune center and

Supported by IEEE SITSB & IETE, SIT Lonavala



May 30, 2021

(Online mode)

Theme: Green Technology



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Dept. of Electronics and Telecommunication, SIT Lonavala



E conference 2021

**STES's
Sinhgad Institute of
Technology,**
Lonavala 410 401, MS, India.
02114- 672360, 355, 356
Website: www.sinhgad.edu



**Organizes
"Second National Level
E-Conference on
"Innovative Trends in
Mechanical Engineering"
(NECITME- 2021)**

**On
26th & 27th June, 2021
Organized by
Dept. of Mechanical Engineering**

Important Dates:
Last Date for Paper Submission: 23rd June, 2021
Confirmation Date: 24th June, 2021

Click Here to Register for the Conference:
<https://forms.gle/M2hcn5Zy5V1eapd9>
Click Here to Download Paper Template:
<https://bit.ly/2HoM6cZ>

About STES:

Sinhgad Technical Education Society (STES) was set up in August 1993, under the able and dynamic leadership of Hon. Prof. M.M. Navale with an objective of providing quality education in the field of Engineering, Dentistry, Management, Computer, Pharmacy, Architecture, Hotel Management and the basic school education from kindergarten onwards. There are 100+ institutes under the aegis of STES offering full-fledged school education, diploma, Graduation, Post Graduation courses and Ph.D. programs in various branches of Engineering, Science and Management at twelve educational campuses, ideally located in pollution free lush green and picturesque environment conducive for learning. For more details, please visit our website: www.sinhgad.edu

About SIT:

Sinhgad Institute of Technology (SIT), Lonavala since its establishment in 2004 is involved in practicing teaching-learning methodologies of excellence to deliver quality engineering education for students all over India. The institute is housed in beautiful surroundings, fully residential campus of 200 acres off Pune-Mumbai expressway at Lonavala. Academic discipline with space for individual innovations, emphasis on life-skill development of students, 'willing to work' team of faculty members and initiative for industry interface, have been the silent activities of institute.

About e-Conference:

The Conference is expected to have participation from faculties and industry person and Diploma, B.Tech, PG students of mechanical engineering can join the conference. Innovative ideas and research work to be presented in the given format, selected paper will be published in UGC approved International Journal. Participants are required to write a paper in given format and submit it on given link within last date of application. The papers will be reviewed and acceptance will be conveyed through Email. The paper is to be presented through Google Meet Platform on the date of conference.

Chief Patrons:

Hon. Prof. M. N. Navale
Founder President, STES Society, Pune
Hon. Dr. (Mrs.) S. M. Navale
Founder Secretary, STES Society, Pune
Hon. Mrs. Rachana Navale-Ashtekar
Vice President (Jointed), STES Society, Pune
Hon. Mr. Rohit M. Navale
Vice President (Jr.), STES Society, Pune

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Principal, SIT Lonavala

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No Publication Fees!!

Nominal Charges for Journal Processing
Student & Research Scholar: Rs. 100/-
Faculty & Industry Person: Rs. 150/-





**Sinhgad Technical Education Society's
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(Affiliated to Savitribai Phule Pune University, Pune and Approved by, AICTE, New Delhi.)
Gat No. 309/310 , Kusgaon (Bk), off Mumbai –Pune, Expressway.
Lonavala, Pune, 410401, Website : www.sinhgad.edu
Department of Information Technology

Sinhgad Institute of Technology, Lonavala

“E-Summit on Emerging Trends in IT Business Applications -2021

“Its Summit, having Prominent Officials, sharing their expertise”

E-conference

30th June,2021

Title of Activity	:- E-Summit on Emerging Trends in IT Business Applications -2021
Day & Date	:- Wednesday , 30/06/2021 at 9.00 AM
Coordinators	:- Convener- Prof. Pravin Latane Co-Convener -Prof. G. M. Gaikwad Coordinator- Prof. A.P. Kulkarni Tech- Coordinator- Prof. K. S. Mulani
Event Platform	:- Microsoft Teams & You Tube

Dept Tel.:+91 2114-673475, 477 , , Office :02114 673355 ,304356, email:hodil.sit@sinhgad.edu,
Web Site: www.sinhgad.edu





**Sinhgad Technical Education Society's
SINHGAD INSTITUTE OF TECHNOLOGY**
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Department of Information Technology



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About The Institute

Sinhgad Institute of Technology (SIT), Lonavala established in 2004 is affiliated to Savitribai Phule Pune University, approved by AICTE. SIT is involved in practicing teaching-learning methodologies of excellence to deliver quality engineering education for students all over India. The institute is housed in beautiful surroundings, fully residential campus of 200 acres on Pune-Mumbai expressway at Lonavala. Sinhgad Institute of Technology, one of the fastest growing engineering college in Maharashtra, offers under Graduate courses in Department of Computer engineering, Information Technology, Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering and Post Graduate Course in Department of Electrical Engineering.

About Computer Engineering Department

The Department of Computer Engineering was established in 2004-05 with affiliation to University of Pune, recognized by Directorate of Technical Education, Maharashtra State & AICTE, New Delhi with an initial intake of 60 students for UG Programme. Intake increased to 120 in 2006-07, and the present intake for the UG programme is 180 with an additional intake of 60 by second shift in 2010-11.

About The E-Conference:

Conference broadly addressing Data Science, Machine Learning, Internet of Things, Next Generation Networks and Cloud Computing and various Computer Domain in healthcare. The conference will address the trends, challenges and future roadmaps within a conglomerate of existing, novel and advance technology and its applications in healthcare. This e-conference will feature a comprehensive technical program including special technical sessions. National E-Conference on Role of AI, IOT, Machine Learning in Healthcare Technology-2021 (NECRAIMHT-2021) is inviting, soliciting original previously unpublished and high quality research papers addressing research challenges and advances in the topic

Key Highlights

- Best Paper Award
- Participation certificate to all.
- Keynote talk by renowned researchers from worldwide

Call For Papers

Research scholars, Post Graduate and under graduate students of Computer Engineering, Information Technology and E&TC Department can submit their research papers for this conference.

Topics of interest include, but are not limited to :

1. Data Science
2. Machine Learning
3. Internet of Things
4. Next Generation Networks
5. Cloud Computing
6. Artificial Intelligence
7. Data mining and Information Retrieval
8. Network and Cyber Security
9. Image and Signal Processing
10. High Performance computing
11. Other.

Accepted Papers will be forwarded to:

- Wireless Personal Communication, Springer International Journal.

Chief Patrons

Prof. M. N. Navale
Founder President, STE Society, Pune
Dr. (Mrs) S. M. Navale
Secretary, STE Society, Pune
Ms. Rachana Navale - Ashtekar
Vice-President (Admin), STE Society, Pune
Mr. Rohit M. Navale
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Paper Submission

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Important Dates:

Paper submission starts from	02/06/2021
Last date of Paper submission	15/06/2021
Notification for acceptance	20/06/2021
Camera ready Paper submission	22/06/2021
Last date for registration	23/06/2021

Registration Details:

- Registration is Free.
- Link for Registration and Submission:
<https://forms.gle/D39Or9MW4DBhXxLj9>

Sinhgad Technical Education Society's

Sinhgad Institute of Technology, Lonavala

National Level E-Conference on "Role of AI, IOT, Machine Learning In Healthcare Technologies-2021"

"RAIMHT-2021"
June 26th - 27th, 2021

ORGANISED BY

Department of Computer Engineering



Sinhgad Institutes

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Sinhgad Institute of Technology, Lonavala

Department of Information Technology
Presents

IT-Learning - 2020

Two Week Webinar Series on

Industrial approach towards Learning IT Domains

"It's Learning, Just Not As We Know It"

July 1, 2020 - July 11, 2020

Registration Link: <https://sinhgad.edu/IT-Learn>

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Dr. A. D. Babar


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Free Live
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will be given to
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who will attend
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Any queries contact:

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About SIT

Sinhgad Institute of Technology (SIT), Lonavala since its establishment in 2004 being premier Institute is committed to fulfill aspirations for excellence in technical education, produce competent engineers and good human being. The institute has 175 acres artistically landscaped, lush green campus, conducive to learning.

We strive to develop SIT as a benchmark in engineering education. It is an ultimate destination for students to groom their overall personality along with academic excellence. These are achieved through Value Addition Programs (VAPs), Student Training Programs (STP), Lab Innovations, Project Based Learning, Cultural activities, Technical events, etc., Training and Placement Cell with the facility of Corporate Training Centre is dedicated to nurture our students to face global challenges. Sinhgad Sports academy with facilities and coaches of national standards is established to explore hidden sports talents amongst students.

Welcome to such live, vibrant campus and best wishes for your glorious journey towards bright and successful future.

For more details please visit us: www.sinhgad.edu

Department of Information Technology

Department of Information Technology with its inception in the year 2004, believes that it is an emerging technology that is becoming the key for every industry or business. With the intake capacity of 60, we have maintained its pace with the current needs of society and industry to provide dynamic IT leaders who possess a strong understanding of both technology and essential business and management principles.

Our teaching-learning methodologies with a unique blend of technology, technically competent facilities, innovative practices and coursework taught by both academic professors and leading industry experts strive to produce skilled intellectual IT professionals. Our graduates are poised to lead decisions about technology and its implementations by bridging the gap between academia and industry.

Department provides vertical growth in students and staff members for enhancement in technical and social means. The broad spectrum of knowledge base and experience present within our faculty opens up excellent opportunities to deliver multidisciplinary research and teaching across organizational boundaries. Our faculty has the potential to generate knowledge and solutions to the complex challenges of our global, digital and multicultural society.

Objectives

The objectives of this Webinar series are to:

- ♦ familiarize with the basic concepts of Information Technology subjects.
- ♦ help the participants in understanding importance of subject from industrial perspective and its actual implementation in industry.
- ♦ help the participants to get various tools used in IT domains and its functionality.

The main theme of this Webinar series is to address the latest technical status and recent trends in various IT Domains. This webinar series is also aimed at motivating the students and faculty members to promote their interests in respective subject matters so that they will be able to bridge the gap between Industry and Academia. It is packed with learning, well-suited for faculty members, and students belonging to IT industry to understand how these technologies will make the biggest impact, both in terms of career and industrial prospects.

Day-wise Schedule

Day/Date	Time	Topic	Speaker Name	Company Name
Wednesday 1/7/2020	10:30 - 11:00 am	Inauguration & Keynote Address	Dr. M. S. Galkwad	STES Lonavala
	11:00 - 12:00 noon	Machine Learning with Python	Jeevan Chavan	Accenture
Thursday 2/7/2020	10:30 to 11:30	Software Engg-Industry approx.	Ganesh Lad	Gaya Software & Technology
	1:00 to 2:00 pm	Design Thinking	Sandip Lohar	Persistent
Friday 3/7/2020	10:30 to 11:30 am	Business Appl. of Networking	V. L. Raskar	Rahitech Solutions
	3:00 to 4:00 pm	Data Visualization & Dashboard Design	Madhura Tare	L&T Infotech
Saturday 4/7/2020	11:00 to 12:00 pm	Linux Driven cloud Fundamentals	Shrikant Tador	Oracle India
	1:00 - 2:00 noon	Data Structure & Algorithm-Industry approach	Pankaj Gole	Majesco Pvt. Ltd.
	3:00 to 4:00 pm	Software Testing & Quality Assurance	Aishwarya Suryawanshi	Capgemini
Sunday 5/7/2020	11:00 - 12:00 noon	Cyber Security	Samidha Gandhi	Indusface
	3:00 to 4:00 pm	Banking Application with IT	Saachit Mhatre	JMR Infotech.
Monday 6/7/2020	11:00 - 12:00 noon	Full Stack Application Development	Divya Nanda	DataMetica
Tuesday 7/7/2020	11:00 - 12:00 noon	Differential Equation & Applications	Nagesh Kale	Assoc. Prof. YC Satara
Wednesday 8/7/2020	11:00 - 12:00 noon	Object Oriented Programming Methodology	Sagar Khan	Accenture
Thursday 9/7/2020	11:00 - 12:00 noon	Machine Learning Algorithm & Application	Ajit Degankar	Jalpeura Solutions
Friday 10/7/2020	11:00 - 12:00 noon	Exploring industry perspective of Designing UI / UX	Harshal Mahajan	Logyana
Saturday 11/7/2020	11:00 - 12:00 noon	Big Data	Sukumar Mane	Smartek
	1:00 to 2:00 pm	Cognos: Data Analytics Tool	Vijeta Borkar	Accenture

 Keynote Address by Dr. M. S. Galkwad Principal & Campus Director Sinhgad Institute, Lonavala Campus.	 Topic: Design-Full Stack App Dev. Name: Divya Nanda, (Software Module Lead) @ DataMetica Solutions.
 Topic: Linux Driven Cloud Name: Jeevan Chavan, (Sr. Operations Engineer) @ Oracle India	 Topic: Design Thinking Name: Sandip Lohar, (Sr. User Experience designer) @ Persistent Systems Ltd.
 Topic: Data Structure & Algorithm Name: Pankaj Gole, (Sr. User Experience designer) @ Majesco Pvt. Ltd.	 Topic: Machine Learning with Python Name: Jeevan Chavan, (Application Developer Associate) @ Accenture
 Topic: Big Data Name: Sukumar Mane, (Sr. Software Engineer) @ Smartek.	 Topic: Software Testing & Quality As Name: Aishwarya Suryawanshi, (Quality Assurance) @ Capgemini India.
 Topic: Machine Learning Algo. & Ap Name: Ajit Degankar, Owner & Founder Jalpeura Solutions	 Topic: Object Oriented Progr. Metho. Name: Sagar Khan, (MEAN Stack Developer) @ Accenture
 Topic: Cognos: Data Analytics Tool Name: Vijeta Borkar, (Application Developer Associate) @ Accenture	 Topic: Cyber Security Name: Samidha Gandhi, Asso. Info. Security Analyst @ Indusface.
 Topic: Data Visualization & Dashboa Name: Madhura Tare, (Associate Consultant) @ L&T Infotech	 Topic: Banking Application with IT Name: Saachit Mhatre, (Sr. Consultant-Banking) @ JMR Infotech.
 Topic: Business Appl. of Networking Name: V. L. Raskar, Owner & Founder Rahitech Solutions	 Topic: Software Engg-Industry approx. Name: Ganesh Lad, Director Gaya Software & Techno.
 Topic: Exploring industry perspective of Designing UI / UX Name: Harshal Mahajan, CTO @ Logyana & CMO @ UGPL	 Topic: Differential Equation & Appl Name: Nagesh Kale, (Associate Professor) @ YC Satara

Eminent Speakers

1. Introduction

IIT Bombay has conducted many large-scale teacher training workshops under the Train 10,000 Teachers (T10KT) programme, sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India, and trained over 2,00,000 teachers.

Another successful technology developed at IIT Bombay is Spoken Tutorial, using which about 50 lakh students have been trained on various ICT topics. The effectiveness of this method can be seen from the testimonials available here: <https://spoken-tutorial.org/testimonials/media/?foss=70> and the [TEDx talk](#). This project is funded by NMEICT, MHRD.

It is now proposed to offer the highly effective Spoken Tutorial based ICT training to a large number of teachers, across the country, through the T10KT methodology, with Linux training being taken up next.

Linux is one of the most popular Operating Systems used today. Linux refers to the family of Unix-like computer operating systems that use the Linux kernel. It can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

Linux is an open source software and the Linux kernel is released under the GNU General Public License and hence can be freely created, modified and redistributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands that can be typed in the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

Linux is now used in all major software projects undertaken by the Indian Government. Some of the examples are GST,

Aadhar, and NEFT. Naturally, the employment potential of students who are good in Linux is very high.

The FOSSEE project at IIT Bombay (<https://fossee.in>) has been promoting Linux, and other FLOSS (Free/Libre and Open Source Software), such as Scilab, Python, OpenFOAM, eSim, Osdag, OpenModelica, DWSIM, Drupal and R, and Open Source hardware, such as Arduino and OpenPLC. FOSSEE is also funded by NMEICT, MHRD.

The Linux workshop is organised by the Teaching Learning Centre (TLC) at IIT Bombay, funded by the *Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT)*, MHRD, Govt. of India. As Spoken Tutorial method offers hands on practice, with 100% active learning, those who undergo this training will be able to start using Linux immediately after the workshop. They will also be able to conduct Linux workshops for their students, using Spoken Tutorials, without requiring any help from anyone else.

The one day Linux workshop will be conducted on **Friday, 23 August 2019**, through the select [Remote Centres](#) of IIT Bombay. This will be a blended training programme that uses A-VIEW for live interactions and Spoken Tutorials to learn to use Linux. The medium of instruction for this workshop is English.

2. Methodology of the Large-scale Workshop

It will be a one day workshop, on **23 August 2019**. All participants will have to go to their chosen Remote Centre. They will learn Linux through the active method of reproducing every command demonstrated in the award-winning Spoken Tutorials. As learning happens through self-learning, the self-confidence of the learners is very high. Moreover, they can use the same method to train their students on the important topic of Linux, using Spoken Tutorials.

All the participants, from all the Remote Centres, will be able to interact with the Linux team at IIT Bombay, ask them questions, etc. through the video conferencing software A-VIEW. There will be about 4 to 5 hours available for Linux training and 2 hours for interactions.

A timed discussion forum <https://forums.spoken-tutorial.org/> will be used to answer the questions that the participants may have in different Remote Centres. One has to select the

Spoken Tutorial, and the exact time (minute and second) when the doubt arises. It will be answered immediately by one of the volunteers. Answers can also be provided by other participants in the same Remote Centre or in other Centres. These answers double as additional learning material. Course Coordinators at Remote Centres, already trained for this purpose, ensure that workshop goes through smoothly.

Using this approach, we have trained 3,500, 4,200, 4,300, and 5,300 teachers, respectively, on Koha, Moodle, Scilab, and Python, in the past 9 months.

3. Syllabus for the workshop

Depending on the level of the user, one can learn any/all of the topics mentioned below. If one cannot complete all the topics, one can complete them later on, through self-learning, as all required Spoken Tutorials are freely available.

Linux: Ubuntu Desktop, Desktop Customization, Installing software in Ubuntu Linux, Basic Commands, General Purpose Utilities, File System, Working With Regular Files, File Attributes, Redirection Pipes, Basics of System Administration.

Bash: Introduction to Bash shell scripting, Basics of Shell Scripting, Command line arguments and Quoting, Globbing and Export command, Array operations in Bash, More on Arrays, Conditional execution, Nested and multilevel if/elif statements, Logical Operators.

Linux for Sys Ads: Creating a user account, Assigning Groups on User Creation, User Password management, Modifying User Account, Group Password and Login, Adminstrating Group with `gpasswd` Command, Modifying and Deleting Groups.

A Linux Virtual Box and relevant tutorials will be made available to all learners at the chosen Remote Centre. More Linux tutorials are available at <https://spoken-tutorial.org>.

The FOSSEE team helps you migrate your labs

The FOSSEE team has taken up the effort to promote Linux in colleges all over India. We help you to migrate your CS/IT course labs to Open source software labs on the Linux Operating System. If interested, please write to us at info@fossee.in.



4. Teaching faculty

- Prof. Kumar Appaiah, Department of Electrical Engineering, IIT Bombay
- System Administrators, FOSSEE and Spoken Tutorial, IIT Bombay

5. Course Fee

Every participant has to pay Rs. 100 as the course fee to IIT Bombay at the time of online registration. On the day of the workshop, i.e., on 23 August 2019, they have to pay Rs. 400 to the Remote Centre that they would be attending, to defray the cost of organising the workshop, lunch, and coffee/tea. Please note that the registration fee once paid is neither refundable nor adjustable under any circumstances.

6. Who should attend?

As this workshop is not subject-specific, teaching faculty from all colleges (engineering, sciences, arts, commerce, management, law, medicine, etc.), polytechnic colleges, ITIs, and schools, can attend. Teachers registered in any Masters programme, and also all Research Scholars can also participate.

7. Criteria for issuing Certificates

E-certificate will be provided to the participants after successful completion of the workshop and filling up the feedback form.

8. Duration and Venue

The workshop will be conducted on Friday, 23 August 2019 from 9.30 AM to 6.00 PM at Remote Centres of IIT Bombay. This workshop will be conducted through a blended mode, using both live video conferencing facility (A-VIEW) and hands-on sessions using Spoken Tutorials. A detailed workshop schedule will be available soon.

9. How to apply?

Enrollment will be strictly online, and no other mode of application will be entertained. The last date of registration

is 22 August 2019, 12.30 pm. The URL for registration is: <http://www.it.iitb.ac.in/nmeict/announcements.html>

Register on the Spoken Tutorial Website:

1. Before the workshop, participants should register on <https://spoken-tutorial.org/>
2. Fill up the registration form and submit.
3. An email will be received.
4. The account should be activated by clicking the link in the email.
5. The Username and Password should be noted. This is an extremely important step.
6. One needs the above information to post questions on the forum, explained from 8 to 9 minutes 45 seconds of this video.

Note

- Neither IIT Bombay nor the Remote Centre will bear the travel expenses of the participating representatives. There shall also be no accommodation provided to the participants.
- All participants are required to bring earphones, as they will have to listen to video tutorials. Without earphones, the workshop will not at all be effective.
- Computers to practise Spoken Tutorials and to learn Linux will be available at the Remote Centres. But if they wish, participants can bring their own laptops with Linux installed.

10. Address for communication Dr. Kalpana Kannan
Project Coordinator, ESOS Project Department of CSE, Kanwal
Rekhi Building, Indian Institute of Technology Bombay, Mumbai -
400 076
Tel.: +91-22-2576 4989
Email: outreach@it.iitb.ac.in
RC 1451 Sinhgad Institute of Technology Lonavala
For Registration CITY of Institute - PUNE
Remote Center Co-ordinator : Mr. Vikas D Raskar - 9421004998
Course Co-ordinator : Mr. Karim Mulani - 7350020786

**One day Workshop
on
Linux**
Conducted by the
Teaching Learning Centre (ICT)

Funded by the
Pandit Madan Mohan Malaviya
National Mission on Teachers and Teaching,
MHRD, Govt. of India

Supported by FOSSEE & Spoken Tutorial

on

23 August 2019

Coordinated from
IIT Bombay



Linux Course Instructor

Prof. Kumar Appaiah
Department of Electrical Engineering,
Indian Institute of Technology Bombay

Project Coordinator

Prof. Kannan M. Moudgalya
Department of Chemical Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400076



Date Application Submitted: 31-Dec-2017

Submitter Information

Title:	Given Name/First Name:	Middle Name:	Last/Family/Surname:
	Dnyaneshwar	Shriranglal	Mantri
IEEE Member Number:			
92496577			

Email:

gcwcn2018.sit@gmail.com (Work)
dsmantri@gmail.com (Personal)

Phone:

+91 2114 304 612 (Work)
+912114 304 353 (Other)
+91 9922431612 (Mobile)

About the Event

Conference Record Number:	
44232	
Conference Title:	
2018 IEEE Global Conference on Wireless Computing and Networking (GCWCN)	
Conference Acronym:	
GCWCN	
Event Type:	
Conference	
Explain if Other:	
Conference Website URL:	
www.gcwcn.org	
Start Date:	End Date:
2018-11-23	2018-11-24
Keywords:	
Internet of things signal processing. ICT Globalization Wireless communication technology future radio access wireless cellular system wireless cellular systems vehicular communication Cognitive Informatics self-organizing networks recent advances in information theory. Green technology Next generation Network power and Energy,	
Scope:	
GCWCN 2018 is the second global conference which addresses the developments in the field of Wireless technology and networking across the globe. The theme of the event is "Green Technology in Next Generation Network. The conference brings together the academia, industry, standardization forum and SDO's working on green, secure and cognitive communication. This conference explores incremental, ambitious and innovative activities,	



trends and future challenges towards ICT Globalization. it includes issues in existing and novel wireless technologies i.e. cellular future radio access, and self-organizing networks. Internet of things, signal processing, network without borders, recent advances in information theory and its application, multimedia application and services.		
Field of Interest:		
Communication, Networking and Broadcast Technologies Computing and Processing Power, Energy and Industry Applications Signal Processing and Analysis		
Estimated Attendance:		
100		
Will there be exhibits?		
N		
Number of Exhibits:		
Will there be tutorials?		
Y		
Country:	State/Province:	City:
India		Lonavala

Membership / Student Grants

Would you like to promote IEEE Membership at your event?
Y
Would you like to promote IEEE Society Membership at your event?
Y
Does your society or event provide grant(s) for student members to attend your technical conference and/or student competition?
N
Please provide the url which contains the details on your student support:

About the Location

Venue

Venue Name:		
Corporate Training Center (CTC)		
Address 1:		
STES's Sinhgad Institute of Technology, Lonavala		
Address 2:		
Gat No. 309/310, Kusgaon (Bk.)		
Address 3:		
Off Mumbai-Pune Expressway		
Address 4:		
Lonavala, Tal. Maval, Dist. Pune (MS)		
Country:	State/Province:	City:
IN		Lonavala
Zip/Postal Code:		
410401		



Venue Contact

Venue Contact Title:	Given Name/First Name:	Middle Name:	Last/Family/Surname:
	Dnyaneshwar		Mantri

Email:

gcwcn2018.sit@gmail.com (Work)
dsmantri@gmail.com (Personal)

Phone:

+91 2114 304 612 (Work)
+91 9922431612 (Mobile)

Sponsors

Sponsor: 1

Bombay Section (0.0)

Sponsor: 2

IEEE Sinhgad Institute of Technology, Lonavala Student Branch (100.0)

Total Financial Share:

100%

Estimated Revenue:

750000 INR

Estimated Expense:

675000 INR

Will this conference use IEEE Concentration Banking?

Who will own the Conference Name?

Other Text

Conference Committee Responsibilities

Will this conference produce a conference publication?

Y

Will IEEE hold the copyright?

Y

Who will hold the copyright?

Will you request publication of your conference proceedings in IEEE Xplore?



Y
Is your conference interested in participating in the IEEE Open Preview or IEEE Early Access program?
N

Describe how each IEEE sponsor, or their representative, is directly and substantially involved in developing the Technical Program.
Representative of Sinhgad Institute of Technology, Lonavala will be directly involved in developing Technical Program and IEEE Bombay section will be substantially involved in developing Technical Program.
List the sponsors that are represented on the Technical Program committee
IEEE Bombay section, Sinhgad Institute of Technology, Lonavala, student branch and STES's Pune.
Describe the role of each sponsor represented on the Technical Program Committee
IEEE Bombay section will support in developing the Technical Program, Department of Electronics and Telecommunication Engineering, Information Technology, Electrical Engineering, of Sinhgad Institute of Technology, Lonavala will support in all respect.
Does the conference committee have full authority to operate the conference? Yes/No
Yes
Is the oversight committee made up of representatives from each sponsor?
Yes
Who appoints the conference committee chairs and other key members?
General Chair
Who approves the conference budgets?
General Chair in consultation with Conference Finance Committee.
Who establishes registration fees?
General Chair in consultation with Conference Finance Committee.

Technical Program

What is the structure of the technical program committee?
Technical Program Committee comprises chairs from IEEE, Local Organizing committee, Industry, and Academia.

What materials are being reviewed?
Full Paper

What type of review is being performed?
Double Blind

What is the estimated number of submitted papers?
400



What is your targeted acceptance rate for submitted papers?
30

How many named reviewers will be associated with this conference?
500

How many reviewers will review each paper?
3

What criteria will be used by your reviewers to evaluate submissions?
IEEE Format, originality, depth of knowledge, plagiarism, practical implementation, English language, social application, and suggestion.

Are you using student reviewers?
Yes

How will you use student reviewer?
Ph D Research Scholar-Peer Reviewing

How will you ensure that all accepted papers will be presented?
Parallel Track

Will there be any other products generated by your event?
White paper

Call For Papers Website URL:
www.gcwcw.org

Abstract Submission Date:

Full Paper Submission Date:
2018-07-03

Notification of Acceptance Date:
2018-09-15

Final Paper Submission Date:
2018-10-01

Conference Contacts



SINHGAD TECHNICAL EDUCATION SOCIETY's
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 13/10/2017

Report- Workshop on "Research : How & When"

Department of Information Technology has organized one day state level workshop on "Research:How &When" on 11th Oct, 2017 towards the celebration of 25 Years of academic excellence of STES. Total 92 participants have attended the workshop. The resource person for the workshop was Dr.T.J.Parvat - PhD, ITU Delhi.

This workshop is aimed to provide purposes of research. It covered board aspects of:

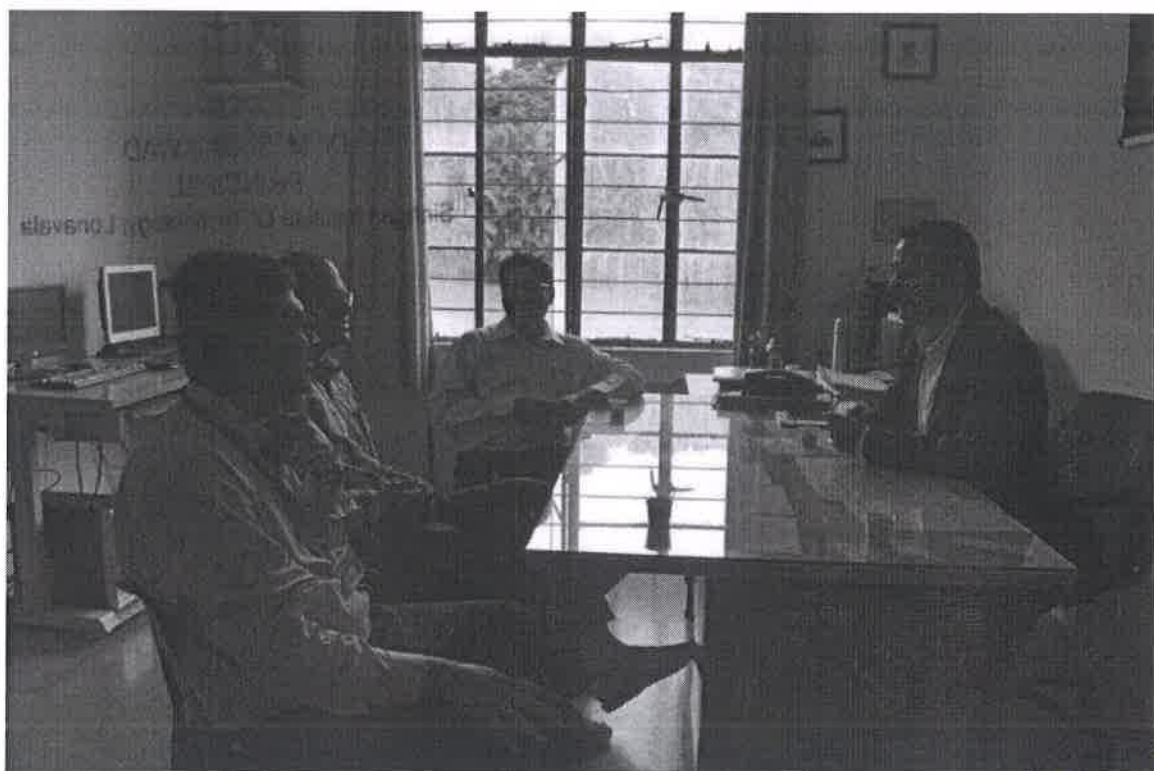
- I. Individual teachers can benefit by understanding meaning and objectives of applied research.
- II. Research Methods versus Methodology & Significance of Research and Process.
- III. Importance of knowing how research is done.

Dr. M.S.Rohokale, Principal, SKNSITS, Dr.D.D.Chaudhary , Vice – Principal, SIT and Prof.N.V.Lakal, Dean-R&D-SIT were the guests of workshop. All Heads of Departments has also attended the workshop.





“Registration Desk”



“Eminent Personalities visited Department”





“Dr.T.J.Parvat Delivering Session”

Palla

**Prepared By,
Mrs. Pallavi Ahire
Presiding Officer- WGC-ICC, SIT**

**Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala**





Sinhgad Institutes

**Proceedings of
2nd Under Graduate National Conference
on
Innovations in Mechanical Engineering
(UGNCIME-2017)
March 24th, 2017**



Editors

Prof. V. M. Ugare

Prof. A. R. Narode

Prof. S. V. Chavan

Prof. V. H. Magar

Prof. P. P. Datar



**Department of Mechanical Engineering,
Sinhgad Institute of Technology Lonavala-410401
Maharashtra, India**

MEMORANDUM OF UNDERSTANDING (MOU)
BETWEEN
VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE, MUMBAI
AND
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

This MOU is entered into on the 2nd day of February 2017 by and between Veermata Jijabai Technological Institute (hereinafter called VJTI) located at Matunga, Mumbai and Sinhgad Institute of Technology, Kusgaon(Bk) Lonavala (hereinafter called SIT Lonavala), an engineering college located at Kusgaon (Bk), Lonavala, Dist: Pune

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

1. Preamble

AICTE has announced number of initiatives under its Quality Improvement Scheme for the year 2016-17. Share and Mentor Institutions (Margdarshan) is one of such schemes. The scheme envisages that a Hub 'n Spoke system is to be established by an Institute of repute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to ten technical institutions to encourage best practices. The secondary branches, the spokes, are additional services provided to faculty for self-improvement. Eventually, the Hub 'n Spoke system will allow for inter-hamlet information sharing, such as technical education, research and sharing of resources to the entire system. VJTI, a premium Institute in the State of Maharashtra has been selected by the AICTE to serve as a Mentor Institute in the region.

2. Objectives of the MOU

The aim of this MoU is to stimulate and facilitate the development of collaborative and mutually beneficial programs which serve for technical upliftment of both campuses.

The objectives of the MOU are:

- a. To promote and enhance academic interaction between VJTI & SIT Lonavala To share and implement best practices for enhancing quality of teaching learning processes
- b. To conduct faculty development programs for the benefit of teachers of member and other Institutes
- c. To conduct training programs for the benefit of non-teaching staff of member and other Institutes
- d. To provide internship opportunity to students of mentee Institutes at VJTI
- e. To provide help in developing laboratories, reference material, laboratory manuals etc.

2. Duration

This MOU shall remain effective from the date of execution until the end of the term of three (3) years. However, same also may be amended, terminated or extended by agreement.



3. Terms and Conditions

- Cost of development of any infrastructure at VJTI shall be borne by VJTI through the funds available under the scheme from AICTE and its own funds.
- The activities under this program shall be conducted either at VJTI or at SIT Lonavala, preferably one at each Institute every year.
- The host Institute will bear all expenses towards hospitality and conduct of activity. Travel expenditure for the participating members shall be borne by the parent organization.
- Each Institute agrees to depute at least one and maximum two members for each of the faculty development / training programs planned by VJTI, except when the program has no relevance to Institute concerned.
- Any dispute pertaining to this MoU shall be referred to Director, VJTI and his/her decision will be binding on both the Institutes.

4. 'Margadarshan' Coordinator

Both the Institutes agree to designate a faculty member at least of the level of Associate Professor who will be responsible to plan, co-ordinate and implement activities undertaken under this MoU.

On behalf, of


Veermata Jijabai Technological Institute,
Matunga, Mumbai


(Dr. M. S. Galkwad)
PRINCIPAL

Sinhgad Institute of Technology, Lonavala


On behalf, of

Sinhgad Institute of Technology,
Kusgaon(Bk), Lonavala

Witnesses


Dr. V. M. Phalke

Witnesses


Dr. M. S. Rohkate





Sinhgad Institutes

SINHGAD TECHNICAL EDUCATION SOCIETY'S

SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to University of Pune and Approved by, AICTE, New Delhi.)
Gat No. 309/310, Off Pune-Mumbai Express Way,
Kusgaon (Bk.) Lonavala-410401. E-mail : principal_sit@sinhgad.edu

SIT/2016-17/4286

Date: 07/02/2017

To,

The Director
VITI
Matunga, Mumbai

Dear Sir,

Our institute has applied for AICTE "MARGDARSHAN" scheme as a mentee Institute. We have submitted all relevant documents including MOU. We hereby appoint Mr. Prasad D. Kulkarni as a coordinator for this scheme. He will be single point of contact (SPC) from our side. His contact details are:-

Name :- Mr. Prasad Dattatraya Kulkarni
(Asso. Professor Mechanical Engg. Dept.)
Email ID :- pdkulkarni.sit@sinhgad.edu

Contact no:- 9850836052

PRINCIPAL

(Dr. M. S. Gaikwad)
PRINCIPAL

Sinhgad Institute of Technology, Lonavala






Veermata Jijabai Technological Institute (VJTI)

(Central Technological Institute, Maharashtra State, INDIA)
H. R. Mahajani Marg, Matunga, Mumbai 400019



CERTIFICATE OF PARTICIPATION

This is to certify that *Prof. P. D. Kulkarni* of *S. J. S. Pune* has attended a one day workshop on "Awareness about Accreditation" under "SHARE AND MENTOR INSTITUTIONS (MARGDARSHAN) SCHEME" of AICTE conducted by Veermata Jijabai Technological Institute, Mumbai on 28th July 2017.


Dr. V. M. Phalle
Margdarshan Coordinator




Veermata Jijabai Technological Institute (VJTI)

(Central Technological Institute, Maharashtra State, INDIA)
H. R. Mahajani Marg, Matunga, Mumbai 400019



CERTIFICATE OF PARTICIPATION

This is to certify that *Dr. D. S. Mantri* of *S. J. S. Pune* has attended a one day workshop on "Awareness about Accreditation" under "SHARE AND MENTOR INSTITUTIONS (MARGDARSHAN) SCHEME" of AICTE conducted by Veermata Jijabai Technological Institute, Mumbai on 28th July 2017.


Dr. V. M. Phalle
Margdarshan Coordinator



SHARE AND MENTOR INSTITUTIONS (MARGDARSHAN)

2.1.1	Objectives
	Mentoring to institutes by a well performing Institute.
	The Hub 'n Spoke system is to be established by a Institute of repute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to ten technical institutions to encourage best practices. The secondary branches, the spokes, are additional services provided to faculty for self improvement. Eventually, the Hub 'n Spoke system will allow for inter-hamlet information sharing, such as technical education, research and sharing of resources to the entire system.
2.1.2	Eligibility
(a)	The mentor Institution/ University Departments must be Government or Government Aided/Self Financed Institute.
(b)	AICTE approved institutes/ University Departments can participate.
(c)	The Mentor Institute/ University Departments should have been before established 15 years.
(d)	The Mentor institute should be conducting graduate courses of which at least fifty percent of the courses should be NBA Accredited.
(e)	The Mentor institute should be conducting post graduate courses of which at least fifty percent of the courses should be NBA Accredited.
2.1.3	Duration of the Project
(a)	Duration of project shall be of 3 years.
2.1.4	Limit of Funding
(a)	Rs. 50 lakh
2.1.5	Disbursement of the Funds
(a)	100 % of Non-recurring and recurring for one year for the first year.
(b)	Recurring of one year for the second year.
(c)	Recurring of one year for the third year
2.1.6	Processing Methodology:
	The proposal shall be assessed by an Experts Committee constituted as follows:
(a)	Three member expert committee not below the rank of Associate Professor.
2.1.7	Terms and Conditions
(a)	The Mentor Institute shall identify at least ten other institutions for the programme. A MoU should be signed among the institutions to conduct the programme.
(b)	The Mentor Institute is expected to conduct programs for the technical upliftment of the member institutions in terms of teaching learning process. At least 10 Faculty Development Programs (FDP), research interaction between the hub and spoke and ensuring not less than 25 Guest lectures for mutual benefits. The travel expenditure are to be borne by the deputing Institute. The Other expenditure for boarding & lodging may be incurred out of the grant received for the scheme.
(c)	The Chief Coordinator shall be a full time faculty member of the Mentor Institute. The participating institutions are required to nominate full time faculty members (one from each participating institutions) as the co-coordinators of the project.
(d)	The Chief Coordinator shall be primarily responsible for the implementation of the project.
(e)	The Chief Coordinator is expected to give a comprehensive list of participating institutions and their brief profile.



(f)	<p>The chief coordinator is required to provide a brief two page write up on the proposed NCP indicating the <u>following points</u> at the time of submitting the initial proposal. This may undergo some degree of modification in the Detailed Project Report, which is required to be submitted within <u>three months</u> from the date of receipt of seed money from AICTE:</p> <ul style="list-style-type: none"> (i) Details of Mentoring of the institutions. (ii) Infrastructure and equipments needed. (iii) Particulars and academic profile of the chief coordinator and co-coordinators to be involved. (iv) Manpower requirement. The Council does not provide project staff. However, in exceptional cases, technical project staff may be engaged only on contract after taking a formal approval from AICTE. The remuneration for such staff may be fixed as per their qualifications and should be met from recurring expenditure component of the projects (not exceeding 15% of the total sanctioned recurring grant-in-aid). (v) Details of financial lay out and deliverables of each participating institution. (vi) A time activity chart Indicating time schedule along with deliverables from each participating institution. (vii) Copies of letters of intents / MOU are signed between the participating institutions.
(g)	<p>The Chief- Coordinator must submit Annual Progress Report every year indicating the progress of the cell and the status of the grant-in-aid utilized. Quarterly presentation on the outcome of the Project should be emailed to AICTE for uploading in the AICTE website. If it is found that the grant-in-aid released is not being utilized for the purposes for which it was intended for and the progress of the programmes is not satisfactory, the project programmes shall be closed down. Action may be taken to seek refund of grant released. Further extension of financial support from AICTE shall be based on the progress of the project and effective utilization of the earlier grant-in-aid provided.</p>
(h)	<p>If the Chief Coordinator leaves the institution, retires, or goes on long leave, the institute will appoint another Chief Coordinator to the programme, under intimation to the council immediately.</p>
(i)	<p>"The fund, so released shall be utilized to conduct programmes for technical upliftment of the Faculties and shall not be used for purchase of equipment like computer, laptop etc. and for the travelling allowance."</p>



**Memorandum of Understanding
Between**



Government College of Engineering, Karad

and



Sinhgad Institutes

Sinhgad Institute of Technology

**Gat No. 309/310, Off Mumbai- Pune Expressway, Kusgaon (Bk)
Lonavala- 410401**

**Under
AICTE Margdarshan Scheme
2019-20**



Memorandum of Understanding

The MEMORANDUM OF UNDERSTANDING (MOU) is between Government College of Engineering, Karad (Hereafter called GCEK) as Mentor Institute and Sinhgad Institute of Technology, Lonavala (Hereafter called [SIT,Lonavala]) as Mentee Institute for the purpose of enriching the technical education process and to jointly work for enhancing the quality of education imparted to faculty, staff and students is signed on 11/12/2019

This MOU entered between GCEK and SIT, Lonavala represented in this MOU by the respective Directors/ Principals on behalf of Board of Governors, of their Institutes which shall mean and include their successors In interest and assigns.

Following points are agreed upon as part of this understanding:

Terms & Conditions

1. Nature of Relationship:

- 1.1 This MOU is for collaboration between both parties, for mutual benefit, for the many purposes set out as given below to enhance the quality of the educational experience for faculty, staff and students.
- 1.2 This MOU shall be valid for 3 years from the date of signing and each party shall be at full liberty to terminate the collaboration, with a notice period of 3 months.
- 1.3 Both parties shall take all reasonable steps to ensure the successful completion of the collaboration and co-operate with each other in duly carrying out the obligation agreed upon.

2. Objectives of collaboration:

- 2.1 To organize at least Six Faculty Development Programs under AICTE -Margdarshan Scheme for faculty of mentee institutes over a period of three years by Government College of Engineering, Karad.
- 2.2 To organize at least 25 Guest Lectures by Government College of Engineering, Karad for faculty of mentee institutes under AICTE -Margdarshan Scheme over a period of three years.
- 2.3 To undertake collaborative R&D work/R&D Projects:
Self-Generated: Using Infrastructure / Laboratory facilities, faculty from respective fields to jointly undertake research Programme either at Mentee Institute or at Mentor Institute. For Technology / Patents so evolved joint rights of ownership will be mooted.
Industry-Sponsored: R&D/ Consultancy from industry to be jointly undertaken by faculty from Mentee Institute and Mentor Institute.
- 2.4 To do joint publications arising out of collaborative work.
- 2.5 To help and support in achieving NBA accreditation to the programs in mentee institutes and help them in carrying the SWOT analysis.
- 2.6 To guide and support faculty of mentee Institutes to complete their Ph. D. in respective fields.
- 2.7 To support autonomous institutes to establish autonomy in their institutes
- 2.8 To help students of mentee institutes to increase their placement and to encourage them for higher education



MSB



3. Mutual Obligation:

- 3.1 This collaboration shall not be exclusive to both parties and shall not disallow each party from having similar collaboration with others. Except as expressly stated in this MOU, there shall be no obligation on any party to compensate the other in any manner or to make any claim.
- 3.2 Each party shall meet the expenses between them as mutually agreed.
- 3.3 Each party shall respect the other's intellectual property (IP) and shall not use any trade name, trademark, symbol/logo, or designation belonging to the other, without prior written approval. No party shall hold out as an agent or representative of the other or create any liability for the other. The parties shall indemnify the other for breach of this clause.
- 3.4 Both parties shall maintain confidentiality about any information, course material, plans, discussions, strategies or any material, which shall be deemed to be confidential and marked accordingly. Any information, course material or the like in the public domain shall not be part of this commitment.

4 Limitation and Warranties

- 4.1 Each party shall ensure that the other is not put to any liability for any act of the respective party.
- 4.2 Each party represents that they have the full power and authority to enter into this MOU in general.

5 General

- 5.1 Both parties will designate a representative from its side who will be the primary point of contact on behalf of that party.

6. Commitments from MenteeInstitute towards this MoU

- 6.1 Active participation of faculty in the workshops, seminars and activities arranged by GCEK under Margdarshan scheme.
- 6.2 Efforts by faculty members in activity like joint publications, research and sharing resources
- 6.3 Readiness to bear registration fees (if any), travelling, lodging & boarding expenses of participating faculty from Mentee institute for the period spent in Mentor institution.
- 6.4 Investments for expenses in case of research activity and joint publications.



AMENDMENT TO THE MOU

No amendment or modification of this MOU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to an amendment of this agreement. The modification/ changes shall be effective from the date on which they are made/ executed unless otherwise agreed to.


ARBITRATION

In the events of any dispute or difference between the parties hereto, such disputes or differences shall be resolved amicably by mutual discussion of the Directors of the two institutes.

Now, therefore, for and in consideration of the foregoing premises the parties have signed the Memorandum of Understanding

In written whereof both parties put their hard seal on the day, month and year herein mentioned

PARTIES


Director / Principal
Government College of Engineering, Karad




For and on behalf of
Administrative Council,
Government College of Engineering, Karad,
Dist. Satara 415124

Director / Principal
Sinhgad Institute of Technology, Lonavala


PRINCIPAL



SINHGAD INSTITUTE OF TECHNOLOGY
For and on behalf of
Kusgaon (Bk.), Lonavala - 410401.
Administrative Council,
Sinhgad Institute of Technology, Lonavala
Kusgaon (Bk) Lonavala- 410401

WITNESS

1. Kanidas Moti 
2. Dr. S.S. Mulik 

Dated: 11 / 12 / 2019

WITNESS

1. Dr. Subodh Deshmukh 
2. Dr. S. G. Dhambare 

Dated: 11 / 12 / 2019




Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala

Memorandum of Understanding

Between



Sinhgad Institutes

Government College of Engineering,

Sinhgad Institute of Technology

Karad, Dist. Satara 415124

Kusgaon (Bk) Lonavala- 410401

Under

AICTE Margdarshan Scheme

2018-19

5 | Page



MS

Sinhgad Institute of Technology, Lonavala
PRINCIPAL
Dr. M. S. GAIKWAD

NAAC-Swapnil Shinde



MEMORANDUM OF UNDERSTANDING

BETWEEN



Small Training Center, Pune Zone ,M.S.E.D.C.L,

(Institute of Training & Safety Eklahare, Nashik-422 105)

AND



Sinhgad Institutes

NBN Sinhgad School of Engineering, Pune

Sinhgad Institute of Technology, Lonavala

NBN Sinhgad School of Engineering, Pune

S. No. 10/1, Ambegaon (Bk.),

O& Sinhgad Rdn

Pune 411041 Maharashtra, INDIA.

Tel 02024355042 Fax - +91-20-24355042

Mail D nbnssoe@inhead.edu

Sinhgad Institute of Technology, Lonavala

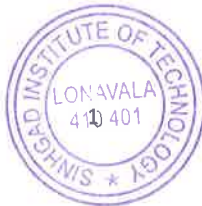
Gat No. 309/310, Kusgaon (Bk)

Off. Mumbai Pune Expressway,

Lonavala 410401 Maharashtra, INDIA

Tel 02114 304356 Fax - +91-2114 278304

Mail D - principal.sit@sinhgad.edu



NBN Sinhgad School of Elgin Pune



Date: 19/8/17

initial

Chief Engineer
Institute of Training &
Safety, Pune
M. S. Electricity Distribution Co. Ltd.
Pune Zone, Rasta Peth, Pune-IT.



CHIEF ENGINEER
M. S. Electricity Distribution Co. Ltd.
Pune Zone, Rasta Peth, Pune.

Witness -

1. MRS. P. P. Kulkarni - P.P. Kulkarni
- 2.

Witness-

1. Er. Parag Bapat EE GKUC
2. Er. Santosh Patani, Dy EE STC



203_203-Approval_Letter (1)



An Initiative of Ministry of Human Resource Development
under the National Mission on Education through ICT
www.vlabs.itb.ac.in



Santosh Noronha	noronha@itb.ac.in
Chemical Engineering :	(22)25767238 / 25764246
Healthcare, Educational Tech :	(22)25764227
Indian Institute of Technology Bombay, Powai, Mumbai, 400 076, India.	

NCID - 203

Ref No: VL/MP2/NC203/20

02nd September 2020

To,
Dr. M. S. Gaikwad
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
Gat No. 309/310, Off Mumbai Pune Expressway,
Kusgaon Budruk, Tal Maival,
Lonavala - 410401, Maharashtra

Dear Sir / Madam,

With reference to your Expression of Interest for Virtual Labs Nodal Centre (VLNC), it gives me immense pleasure to designate your college as a Nodal Centre for Virtual labs. As recommended by you, **Dr. D. D. Chaudhary** has been nominated as the Nodal Coordinator and **Prof. Vikas D. Raskar** has been nominated as the Nodal Technical Coordinator from your college. This approval is valid up to 31st Dec 2020 and is subject to the Terms and Conditions attached and any subsequent directives as issued by MHRD.

Kindly acknowledge receipt of this letter and acceptance of the Terms and Conditions.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavour in the service of the student community. Wishing you all the best!

Sincerely,

Prof. Santosh Noronha



203_VL_MP2_NC203_21



An Initiative of Ministry of Human Resource Development
under the National Mission on Education through ICT
www.vlabs.itb.ac.in



Santosh Noronha	noronha@itb.ac.in
Chemical Engineering :	(22)25767238 / 25764246
Healthcare, Educational Tech :	(22)25764227
Indian Institute of Technology Bombay, Powai, Mumbai, 400 076, India.	

VLMP2/NC203/21

NCID - 203
20th January 2021

To,
Dr. M. S. Gaikwad
SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA
Gat No. 309/310, Off Mumbai Pune Expressway,
Kusgaon Budruk, Lonavale - 410401,
Maharashtra,
Lonavale - 410401, Maharashtra

Dear Sir / Madam,

With reference to your Expression of Interest for Virtual Labs Nodal Centre (VLNC), it gives me immense pleasure to designate your college as a Nodal Centre for Virtual labs. As recommended by you, Dr. D. D. Chaudhary has been nominated as the Nodal Coordinator and Prof. Vikas D. Raskar has been nominated as the Nodal Technical Coordinator from your college. This approval is valid up to 31st Dec 2021 and is subject to the Terms and Conditions attached and any subsequent directives as issued by MoE.

Kindly acknowledge receipt of this letter and acceptance of the Terms and Conditions.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavour in the service of the student community. Wishing you all the best!

Sincerely,

Prof. Santosh Noronha



December 2020



IIT Bombay



Nodal Center: Sinhgad Institute of Technology, Lonavala

Region: Pune

Month: December-2020

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0

Nodal Coordinator Signature

Head of Institute / Principal

Signature

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2. Keep the HARD COPY with you in a Virtual Labs file for the record.





IIT Bombay



Nodal Center: Sinhgad Institute of Technology, Lonavala

Region- Pune

Month- December-2020

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0

Nodal Coordinator Signature



Head of Institute / Principal

Signature

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IIT Bombay



Nodal Center- SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Region- Pune

Month- February-2021

NCID- 203

In-House Workshops

Electronics and Telecommunications Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	2	0	20
Total	2	0	20

Mechanical Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	1	9	98
Total	1	9	98

Mechatronics Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	0	1	11
Total	0	1	11

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
3	10	13	129

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
13	129



Nodal Coordinator Signature

Head of Institute / Principal

Signature

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- 2. Keep the HARD COPY with you in a Virtual Labs file for the record.**





IIT Bombay



Nodal Center- SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Region- Pune

Month- February-2021

NCID- 203

In-House Workshops

Electronics and Telecommunications Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	2	0	20
Total	2	0	20

Mechanical Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	1	9	98
Total	1	9	98

Mechatronics Engineering

Date	Faculties Trained	Students Trained	Usages
2021-02-12	0	1	11
Total	0	1	11

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
3	10	13	129

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
13	129



Nodal Coordinator Signature



Head of Institute / Principal

Signature

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IIT Bombay



Nodal Center- SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Region- Pune

Month- January-2021

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0

Nodal Coordinator Signature

Head of Institute / Principal

Signature

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IIT Bombay



Nodal Center:- SINHGAD INSTITUTE OF TECHNOLOGY, LONAVALA

Region:- Pune

Month:- January-2021

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0


Nodal Coordinator Signature




Head of Institute / Principal

Signature

1. SCAN and Upload the duly signed original **SOFT COPY** of this Monthly Report.
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Nodal Center- Sardar Institute of Technology, Lonavala

Region- Pune

Month- November-2020

NCID- 203

In-House Workshops

Computer Engineering

Date	Faculties Trained	Students Trained	Usages
2020-11-03	0	2	6
Total	0	2	6

Electronics and Communications

Date	Faculties Trained	Students Trained	Usages
2020-11-02	0	1	1
Total	0	1	1

Electronics and Telecommunications Engineering

Date	Faculties Trained	Students Trained	Usages
2020-11-02	0	26	156
2020-11-05	0	4	22
Total	0	30	178

Information Technology

Date	Faculties Trained	Students Trained	Usages
2020-11-03	1	29	180
2020-11-04	0	21	90
2020-11-01	1	18	20
Total	2	68	290

Mechanical Engineering

Date	Facilities Trained	Students Trained	Usages
2020-11-02	1	3	9
2020-11-03	0	21	142
2020-11-04	6	2	16
2020-11-05	2	17	44
2020-11-07	0	28	141
Total	9	71	352

A. Total Facilities Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
9	172	177	717


Outreach Workshops

A. Total Facilities Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
177	717


Nodal Coordinator Signature




Head of Institute / Principal
Signature

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On-Road Workshops
Electronics and Communications

Date	Facilities Trained	Students Trained	Urgent
2020-10-26	4	1	1
Total	4	1	1

Electronics and Telecommunications Engineering

Date	Facilities Trained	Students Trained	Urgent
2020-10-23	4	15	15
2020-10-24	1	21	21
2020-10-25	1	30	30
Total	6	79	123

Mechanical Engineering

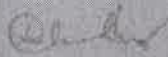
Date	Facilities Trained	Students Trained	Urgent
2020-10-26	4	27	50
2020-10-27	4	26	21
2020-10-31	6	63	119
Total	14	116	210

A. Total Facilities Trained (A+B)	B. Total Students Trained	C. Total Urgent Trained (A+B)	D. Total Urgent
4	216	120	344


Outreach Workshops

A. Total Facilities Trained	B. Total Students Trained	C. Total Urgent Trained (A+B)	D. Total Urgent
-----------------------------	---------------------------	-------------------------------	-----------------

A. Total Lectures Trained	B. Total Students Trained	C. Total Users Trained (A*B)	D. Total Usages
0	0	0	0
Total Users (In-House + Outreach)		Total Usages (In-House + Outreach)	
220		134	


Budget Coordinator Signature




Head of Institute / Principal
Signature

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IIT Bombay



Nodal Center- Sinhgad Institute of Technology, Lonavala

Region- Pune

Month- November-2020

NCID- 203

In-House Workshops

Computer Engineering

Date	Faculties Trained	Students Trained	Usages
2020-11-03	0	2	6
Total	0	2	6

Electronics and Communications

Date	Faculties Trained	Students Trained	Usages
2020-11-02	0	1	1
Total	0	1	1

Electronics and Telecommunications Engineering

Date	Faculties Trained	Students Trained	Usages
2020-11-02	0	26	156
2020-11-05	0	4	22
Total	0	30	178

Information Technology

Date	Faculties Trained	Students Trained	Usages
2020-11-03	1	29	130
2020-11-04	0	21	30
2020-11-11	1	18	20
Total	2	68	180

Mechanical Engineering

Date	Faculties Trained	Students Trained	Usages
2020-11-02	1	3	9
2020-11-03	0	21	142
2020-11-04	0	2	16
2020-11-05	2	17	44
2020-11-07	0	28	141
Total	3	71	352

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
5	172	177	717

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
177	717

Nodal Coordinator Signature

Head of Institute / Principal

Signature

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IIT Bombay



Nodal Center- Sinhgad Institute of Technology, Lonavala

Region- Pune

Month- October-2020

NCID- 203

In-House Workshops

Electronics and Communications

Date	Faculties Trained	Students Trained	Usages
2020-10-28	0	1	1
Total	0	1	1

Electronics and Telecommunications Engineering

Date	Faculties Trained	Students Trained	Usages
2020-10-23	0	17	33
2020-10-28	3	22	25
2020-10-29	1	36	65
Total	4	75	123

Mechanical Engineering

Date	Faculties Trained	Students Trained	Usages
2020-10-28	0	27	56
2020-10-29	0	20	21
2020-10-31	0	93	133
Total	0	140	210

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
4	216	220	334

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
----------------------------	---------------------------	------------------------------	-----------------

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
220	334

Nodal Coordinator Signature:

Head of Institute / Principal

Signature

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Remote Center Shows the result of "1451" [Print Preview](#) [Print Full RC Details](#) [Print Institute Head Details](#) [Print RCC Details](#)

Remote Centers (Found 2 Entries)

Entries 1 - 2 of 2 Remote Centers

1451. Sanhjad Institute Of Technology, Lonavala - Pune (Maharashtra)

Head of the Institute: Dr. M. S. Gokhale - Principal

Remote Center Details

Remote Center ID : 1451
Classroom Capacity : 60 RC
Lab Capacity : 60 Seats
Infrastructure : TESTED

RC NOC : SUBMITTED

Other Details

AICTE : Yes / Approved : Yes / Website
Courses Offered : SGE, PGE
Established Date : 2016-03-23

Members Visited

Remarks

Remote Center Coordinator

Mr. Vikas D Raskar
Assistant Professor - Electronics And
Telecommunication

Nomination Letter : SUBMITTED

Notice for RCC

Conducted Workshops - 14 C 6 T 6 Print Preview

- Foundation Program in ICT For Education - Autumn - Teachers (15 Sep - 16 Oct 2018)
- Pedagogy For Online And Blended Teaching-Learning - Teachers (16 Oct - 13 Dec 2018)
- Moodle - Learning Management System - Coordinators (01 Mar - 01 Mar 2019)
- Moodle - Learning Management System - Teachers (10 Mar - 13 Mar 2019)
- Python Workshop - Coordinators (20 May - 25 May 2019)
- Python Workshop - Teachers (22 Jun - 23 Jun 2019)
- ESim Workshop - Coordinators (27 Jul - 27 Jul 2019)
- Linux Workshop - Coordinators (03 Aug - 03 Aug 2019)
- Linux Workshop - Teachers (23 Aug - 23 Aug 2019)
- ESim Workshop - Teachers (21 Sep - 21 Sep 2019)
- R Workshop - Coordinators (12 Oct - 12 Oct 2019)
- R Workshop - Teachers (09 Nov - 09 Nov 2019)
- C And C++ Workshop - Coordinators

(15 Feb - 19 Feb 2020)
• C And C++ Workshop • Sreechitra
(29 Feb - 29 Feb 2020)

1152, St. Joseph's College Of Engineering & Technology, Palai - Kottayam (Kerala) 安 安 安 Rating
Main of the Institute - (In C++ & Assembly) - Produced

Empowerment of Students and Teachers through
Synchronous & Asynchronous Instruction
National Mission on Education through ICT
(Funded by MHRD New Delhi)

Indian Institute of Technology Bombay, Powai, Mumbai - 400 076

Supported by:





IIT Bombay



**Virtual
Labs**

Nodal Center- Sinhgad Institute of Technology, Lonavala

Region- Pune

Month- September-2020

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0

Nodal Coordinator Signature

Head of Institute / Principal

Signature

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IIT Bombay



Nodal Center- Sinhgad Institute of Technology, Lonavala

Region- Pune

Month- September-2020

NCID- 203

In-House Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Outreach Workshops

A. Total Faculties Trained	B. Total Students Trained	C. Total Users Trained (A+B)	D. Total Usages
0	0	0	0

Total Users (In-House + Outreach)	Total Usages (In-House + Outreach)
0	0


Nodal Coordinator Signature




Head of Institute / Principal

Signature

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Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala

The host institutes and the tentative schedule are as follows:

Host / Coordinating Institutes	BE (02-03 Jan 2020)
SCOE, Vadgaon	i. Bio Tech ii. Chemical iii. Production
SAE, Kondhwa	i. Mechanical
SITS, Narhe	i. IT ii. Civil
RMD, Warje	i. Computer ii. E&TC
SIT, Lonavala	i. Electrical

Orientation program for BE TTT:

Date – 1st January 2020 (10.30 AM onwards)

Venue – Seminar Hall, NBNSSOE

Audience- All Experts and Lead experts of BE TTT

Time	Day 1 (2 nd Jan 2020)	Day 2 (3 rd Jan 2020)
09.15-09.45	Registration, tea and Introduction of HoDs, Trainers & trainees	
09.45-10.15	Discussion of guidelines suggested in Orientation program	Discussion of guidelines suggested in Orientation program
10.15-11.45	Unit 1	Unit 4
11.45-12.00	Break	Break
12.00-01.30	Unit 2	Unit 5
01.30-02.30	Lunch	Lunch
02.30-04.00	Unit 3	Unit 6
04.30 onwards	Discussion on Practical and assignments	Sharing of resources and Feedback

DR. M. S. CAKIAO
PRINCIPAL
Sriharid Institute Of Technology, Lonavala

BE (Electrical)

Sinhgad Institute of Technology, Lonavala
Electrical Engineering Department
Train The Trainer
Attendance

Sem-II

College	Name of the Subject	Name of Faculty	Email ID	Mobile No	2/11/2020			3/11/2020		
					Attendance of 1st Session	Attendance of 2nd Session	Attendance of 3rd Session	Attendance of 1st Session	Attendance of 2nd Session	Attendance of 3rd Session
NEU	Switchgear and Protection	Ms. M. M. Deshpande	mmdeshpande@sinhgad.edu	9673621995	Present	Present	Present	Present	Present	Present
NEU	Power Electronics Drives and Control	Mrs. P. M. Warnerkar	pawarwarnerkar@sinhgad.edu	8390159454	Present	Present	Present	Present	Present	Present
NEU	High Voltage Engineering	Mrs. H. S. Joshi	hshirwadkar73@gmail.com	7021030620	Present	Present	Present	Present	Present	Present
NEU	Smart Grid	Mrs. S. N. Wairagi	shirwadkar.wairagi@sinhgad.edu	7588278387	Present	Present	Present	Present	Present	Present
SIT	Switchgear and Protection	Ms. Mangaraj S P	spm.singh@sinhgad.edu	9552675242	Present	Present	Present	Present	Present	Present
SIT	Power Electronics Drives and Control	Dr. Kalaje A A	aa.kalaje@sinhgad.edu	5422421543	Present	Present	Present	Present	Present	Present
SIT	High Voltage Engineering	Prof. Tamhare A V	av.tamhare@sinhgad.edu	9975290917	Present	Present	Present	Present	Present	Present
SIT	Smart Grid	Prof. J. A. Khobragade	jkhobragade@sinhgad.edu	9103979411	Present	Present	Present	Present	Present	Present
SINUST	Switchgear and Protection	Mr. R. S. Shinde	rsshinde@sinhgad.edu	8390859794	Present	Present	Present	Present	Present	Present
SINUST	Power Electronics Drives and Control	Dr. R. Shewgaonkar	rshewgaonkar@sinhgad.edu	9637320055	Present	Present	Present	Present	Present	Present
SINUST	High Voltage Engineering	Mr. G. A. Sapat	gasesapat@sinhgad.edu	9272714752	Present	Present	Present	Present	Present	Present
SINUST	Smart Grid	Mr. J. D. Dny	jdny@sinhgad.edu	9204447554	Present	Present	Present	Present	Present	Present



Dr. M. S. GAIKWAD
PRINCIPAL
Sinhgad Institute Of Technology, Lonavala