



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes



INDEX

3.2.2: Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during 2020-21.

Sr No	Academic Year	Title of Workshops/seminars/conferences organised	Page No
1	2020-21	Webinar on "Innovation Driven Entrepreneurship"	1
2	2020-21	Webinar on "Business Opportunities for Chemical Engineers"	5
3	2020-21	Online Industry Institute Interaction -I (With Entrepreneurs and Industry Personals)	10
4	2020-21	Online Industry Institute Interaction -II (With Entrepreneurs and Industry Personals)	14
5	2020-21	Webinar on "Q and A Session for Job and Business Opportunity for Chemical Engineers"	18
6	2020-21	Introduction to IPR	20
7	2020-21	Unfolding the journey of successful start up	22
8	2020-21	Opportunities & challenges for research & Development, Speaker: Dr Niranjana Sengupta (Director Technical, IEI, Kolkata)	23
9	2020-21	Why, how & what entrepreneur, Speaker. Ishan Kute	38
10	2020-21	How to write research paper, Speaker: Dr Parikshit Mahalle	40
11	2020-21	STTP on Emerging Application of Geographic Information System (EAGIS-2020) Phase I	43
12	2020-21	STTP on Emerging Application of Geographic Information System (EAGIS-2020) Phase II	59
13	2020-21	STTP on Emerging Application of Geographic Information System (EAGIS-2020) Phase III	74
14	2020-21	Patent Process Overview	89
15	2020-21	Webinar Intellectual Property Right	91



PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001



Report on

Webinar on Innovation Driven Entrepreneurship

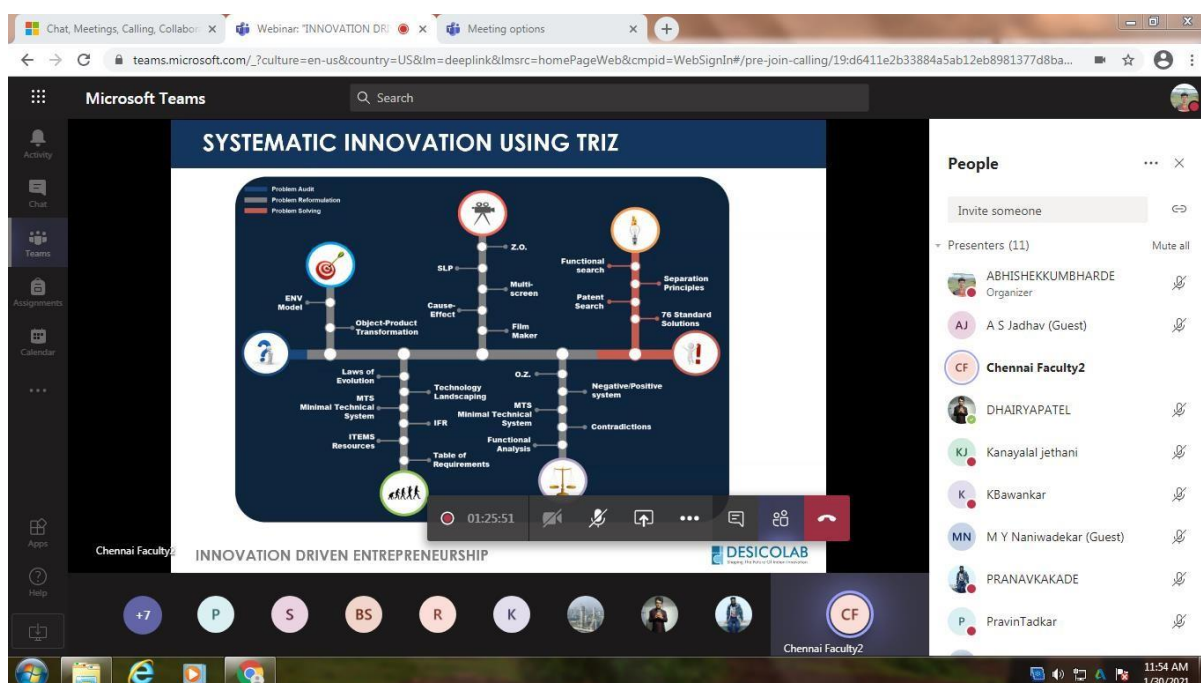
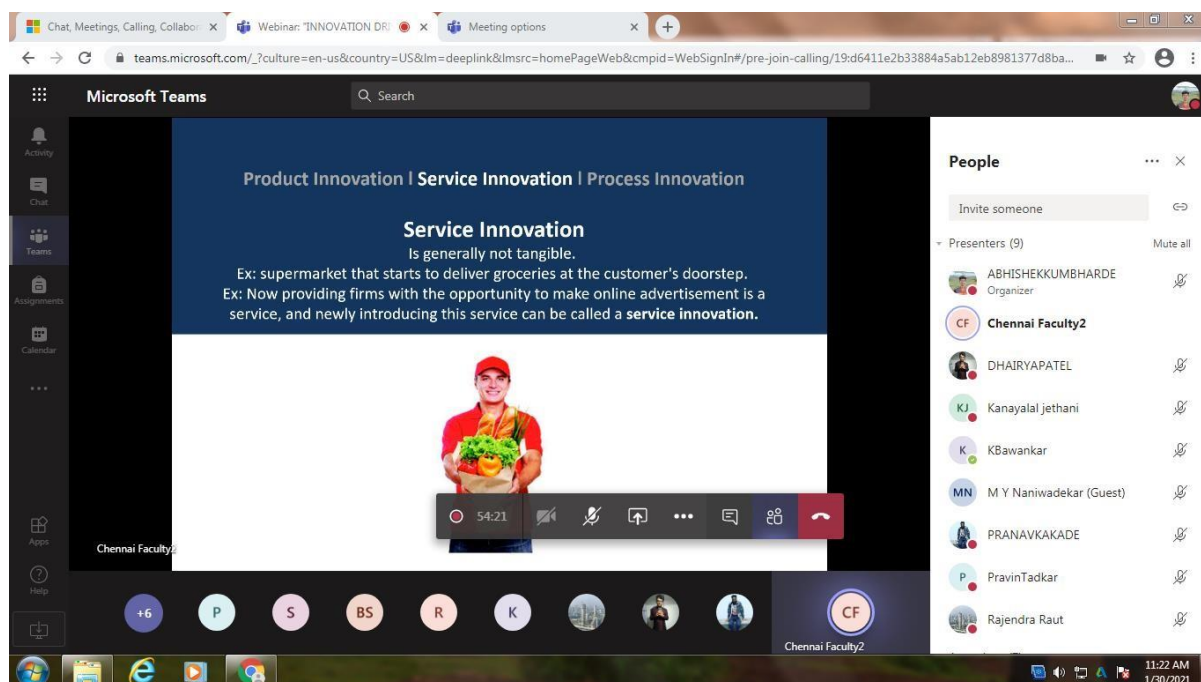
(January 30, 2021)

Webinar

Title	: Innovation Driven Entrepreneurship
Invited speakers	: Mr. Santosh Khawale, M-Tech IITM, MS-Italy, Strategic Engineer, Desicolab founder, Pune
Date	: January 30, 2021.
Time	: 11.00 a.m.-12.00 p.m.
Portal	: MS-Teams
Student Coordinators	: 1. Mr. Abhishek Kumbharde (TE Chemical Engineering) 2. Mr. Dhairya Patel (TE Chemical Engineering)
Faculty facilitating the event:	Prof. R. S. Raut

Department of Chemical Engineering, AISSMS College of Engineering, Pune-01 organized a webinar on the topic '**Innovation Driven Entrepreneurship**' on January 30, 2021. Mr. Santosh Khawale, M-Tech IITM, MS-Italy, Strategic Engineer, Desicolab founder, Pune was the invited speaker for the webinar. This event was managed by student Coordinators Mr. Abhishek Kumbharde and Mr. Dhairya Patel under the supervision of Prof. R. S. Raut a faculty from Department of Chemical Engineering. The session started at 11.00 am, which lasted for more than an hour. Around 30 participants comprising of faculty members as well as students attended this on MS-Teams.

The session commenced with the introduction of the speaker Mr. Santosh Khawale by Mr. Abhishek Kumbharde. Then, Mr. Santosh started with basics of entrepreneurship and opportunities in desicolab pune. More focused on innovation driven entrepreneurship (IDE) it is defined as the pursuit of opportunities focused on products or repeatable services beyond the local market. Then Covered majors topic i.e. Innovation types of innovation with examples. After that execution topic was discussed. After Presentation from Mr. Santosh questions and answers session began various types of questions asked from attendees over startup and business models and future opportunities.



Glimpse of invited speaker Mr. Santosh Khawale speaking about innovation and Entrepreneurship

This informative session was accompanied by the doubt clearing session in which students actively participated to get their doubts cleared. The webinar ended with a vote of thanks by Mr. Dhairya Patel to Mr. Santosh Khawale. Special thanks were given to all the participants for attending this knowledge-sharing event. The participants were asked to fill the feedback form at the end and an E-certificate was given to them after the webinar.

Acknowledgement

Organizing committee sincerely thanks the invited speaker for sparing his valuable time. We thank Mr. R. S. Raut Assistant Professor, Department of Chemical Engineering for facilitating this webinar and liaising with the speaker. We sincerely thank Dr. P.N. Dange, Head of Department of Chemical Engineering for his unceasing support and guidance. We deeply

acknowledge encouragement by our Hon. Principal, Dr. D.S. Bormane for organizing this event. We further thank Hon. Secretary and Management of AISSM Society for the constant support in organizing such activities. Lastly, organizers profoundly thank the participants for their patient hearing during the session.



Mrs. K N Bawankar
IIChE Students' Chapter Co-ordinator



Dr. M Y Naniwadekar
Head
Department of Chemical Engineering

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



DEPARTMENT OF CHEMICAL ENGINEERING

Guest Lecture Report

The lecture was organized on 18/09/2020 at 9:00 a.m., Mode: Microsoft teams online, Department of Chemical Engineering, AISSMS COE PUNE-1.

The session was organized for TE and BE students on the subject “Business Opportunities for Chemical Engineers”. Mr. Nitish Dixit, Consultant, Private Label Perfumes, Pune was the expert for the session.

Mr. Nitish talked on opportunities for young budding Chemical engineers. He also motivated them in COVID -19 pandemic situation.

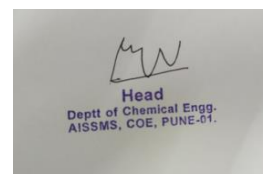
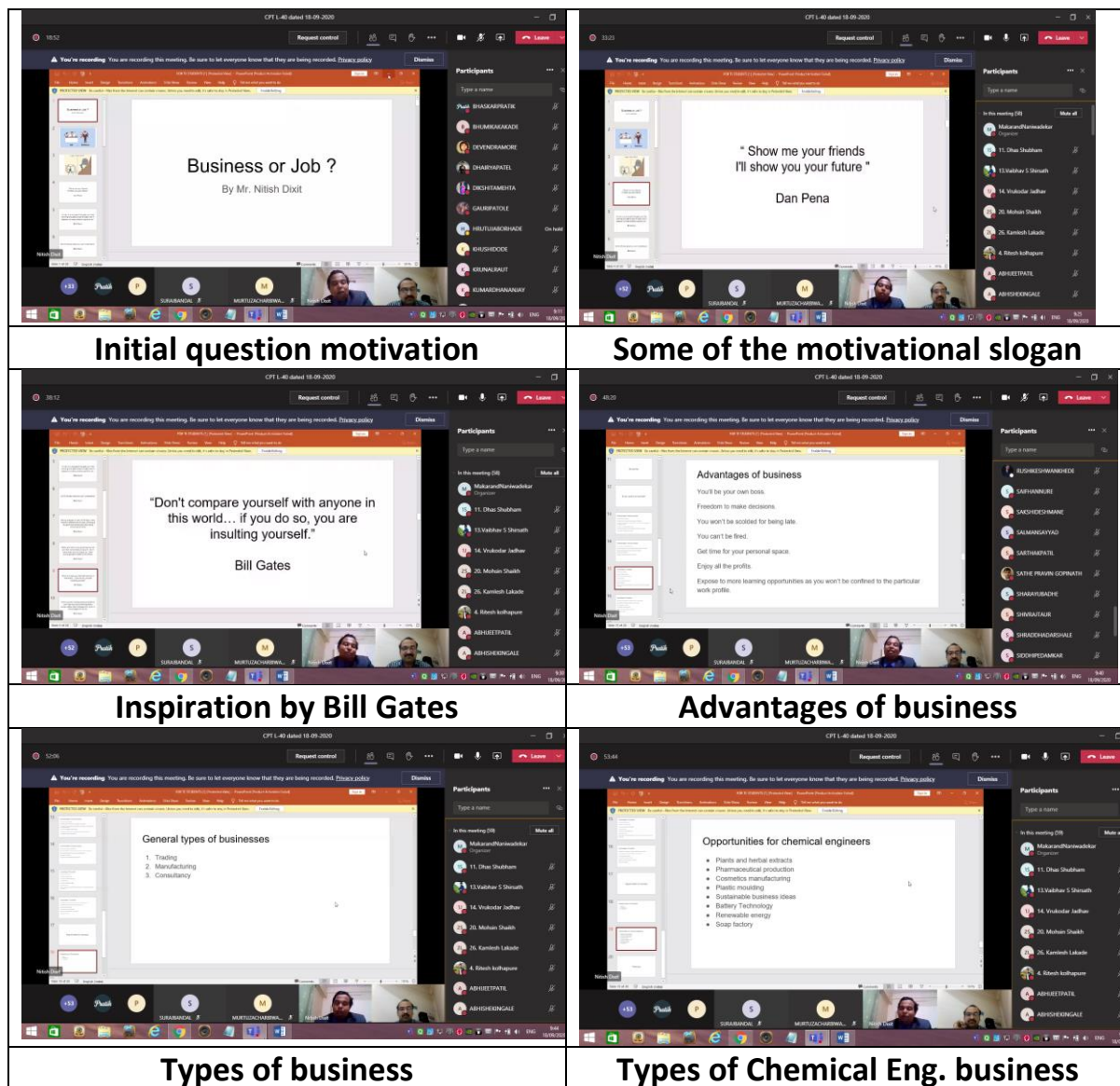
Dr. M Y Naniwadekar, introduced the guest of session Mr. Nitish. The event was started at 9: 00 a.m.

Initially Mr. Nitish worked for Henkel Adhesives Pvt. Ltd. Saswad, Pune as Junior research fellow. Then he started to work as an entrepreneur.

Mr. Nitish encouraged students by his ladder-wise progressive work. Further he introduced students for his innovative and export grade perfumery products, and upcoming range of products. Mr. Nitish spoke on types of business and further types of Chemical Engineering business. Apart from this, he motivated students for choosing the right path in the context-service or business. He also emphasized that the challenges are everywhere and the competition is also to be faced in every sector- services as well as business. Therefore any businessman or the entrepreneur should start from self-motivation with innovation since the market want innovative products. His valuable message was- One should not collapse by ups- and- downs phases in business.

Almost of forty- five plus TE Chemical students and fifteen plus BE students benefitted for the event. After end of session there was question-answer session and the vote of thanks has been given by Dr. M Y Naniwadekar.

Sessional Glimpses captured



Dr. M. Y. Naniwadekar


Event Attendance

Microsoft teams (online mode)

Full Name	User Action	Timestamp
MakarandNaniwadekar	Joined	9/18/2020, 8:52:00 AM
SARTHAKPATIL	Joined	9/18/2020, 8:52:38 AM
Nitish Dixit	Joined	9/18/2020, 8:55:39 AM
BHASKARPRATIK	Joined	9/18/2020, 9:01:40 AM
PRATIKSHAGHADLE	Joined	9/18/2020, 9:01:45 AM
UMESHBELDAR	Joined	9/18/2020, 9:02:00 AM
DEVENDRAMORE	Joined	9/18/2020, 9:02:36 AM
SHRADDHADARSHALE	Joined	9/18/2020, 9:02:50 AM
KUNALFARATE	Joined	9/18/2020, 9:02:55 AM
NITINDHARDUBEY	Joined	9/18/2020, 9:03:10 AM
14. Vrukodar Jadhav	Joined	9/18/2020, 9:03:10 AM
VISHWAJEETYADAV	Joined	9/18/2020, 9:03:38 AM
PRATIKSHAMORE	Joined	9/18/2020, 9:03:46 AM
ASHWINI POTE	Joined	9/18/2020, 9:03:48 AM
SHARAYUBADHE	Joined	9/18/2020, 9:03:50 AM
SURAJBANDAL	Joined	9/18/2020, 9:03:51 AM
UJVALAPARDESHI	Joined	9/18/2020, 9:03:52 AM
VAIBHAVSHIRSAT	Joined	9/18/2020, 9:03:55 AM
DHAIRYAPATEL	Joined	9/18/2020, 9:03:59 AM
KUMARDHANANJAY	Joined	9/18/2020, 9:04:03 AM
PRIYANKAGARADE	Joined	9/18/2020, 9:04:07 AM
11. Dhas Shubham	Joined	9/18/2020, 9:04:11 AM

GAURIPATOLE	Joined	9/18/2020, 9:04:36 AM
DIKSHITAMEHTA	Joined	9/18/2020, 9:05:05 AM
VIRAJGANDHI	Joined	9/18/2020, 9:05:12 AM
AKASHWAGHMARE	Joined	9/18/2020, 9:05:40 AM
AKASHTELE	Joined	9/18/2020, 9:05:43 AM
MURTUZACHARBIWALA	Joined	9/18/2020, 9:05:54 AM
HRUTUJABORHADE	Joined	9/18/2020, 9:06:06 AM
BHUMIKAKAKADE	Joined	9/18/2020, 9:06:23 AM
SIDDHIPEDAMKAR	Joined	9/18/2020, 9:06:41 AM
KHUSHIDODE	Joined	9/18/2020, 9:06:49 AM
26. Kamlesh Lakade	Joined	9/18/2020, 9:07:27 AM
PRANAVPAWAR	Joined	9/18/2020, 9:07:42 AM
MOMIN MOHAMED FAIZ RIYAZ	Joined	9/18/2020, 9:07:45 AM
MAHESHCHAVAN	Joined	9/18/2020, 9:08:20 AM
KUWAR KARISHMA BAPURAO	Joined	9/18/2020, 9:08:22 AM
13.Vaibhav S Shirsath	Joined	9/18/2020, 9:09:11 AM
4. Ritesh kolhapure	Joined	9/18/2020, 9:09:52 AM
KRUNALRAUT	Joined	9/18/2020, 9:10:15 AM
MADHAVDANDEKAR	Joined	9/18/2020, 9:10:32 AM
20. Mohsin Shaikh	Joined	9/18/2020, 9:11:04 AM
ABHISHEKINGALE	Joined	9/18/2020, 9:12:22 AM
SAKSHIDESHMANE	Joined	9/18/2020, 9:12:34 AM
DIGVIJAYSINHACHAVAN	Joined	9/18/2020, 9:13:04 AM
ASHISHKAKADE	Joined	9/18/2020, 9:14:23 AM
SAIFHANNURE	Joined	9/18/2020, 9:14:29 AM

CHAITANYASHELAR	Joined	9/18/2020, 9:15:18 AM
SATHE PRAVIN GOPINATH	Joined	9/18/2020, 9:15:23 AM
SALMANSAYYAD	Joined	9/18/2020, 9:16:17 AM
VISHALWALUNJ	Joined	9/18/2020, 9:17:37 AM
JADHAV MRUDULA BABAN	Joined	9/18/2020, 9:18:16 AM
ABHISHEKKUMBHARDE	Joined	9/18/2020, 9:19:39 AM
GAURAVPATIL	Joined	9/18/2020, 9:20:04 AM
RUSHIKESHWANKHEDE	Joined	9/18/2020, 9:20:31 AM
ABHIJEETPATIL	Joined	9/18/2020, 9:21:12 AM
TEJASKANADE	Joined	9/18/2020, 9:21:36 AM
PARESHCHAUDHARI	Joined	9/18/2020, 9:22:49 AM
SHIVRAJTAUR	Joined	9/18/2020, 9:22:51 AM
SHIVANININAL	Joined	9/18/2020, 9:23:53 AM
PAWAR PRADEEP RATAN	Joined	9/18/2020, 9:33:55 AM
PRANAVKAKADE	Joined	9/18/2020, 9:14:29 AM
SAKSHIKULKARNI	Joined	9/18/2020, 9:15:18 AM
GAUTAMINIKALJE	Joined	9/18/2020, 9:15:23 AM
SATYAMPATIL	Joined	9/18/2020, 9:16:17 AM
SAPKAL SAURABH ASHOK	Joined	9/18/2020, 9:17:37 AM
RESHAMCHAUDHARI	Joined	9/18/2020, 9:18:16 AM
ANURAJMIRAJKAR	Joined	9/18/2020, 9:19:39 AM
AADESHSANSARE	Joined	9/18/2020, 9:20:04 AM

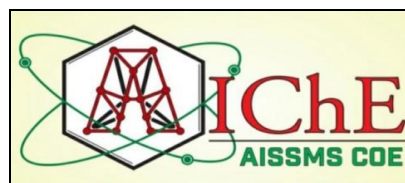

 Head
 Deptt of Chemical Engg.
 AISSMS, COE, PUNE-41.



Department Of Chemical Engineering AIChE Student Chapter

“III 1”
 (September 05, 2020)

Industry- Institute Interaction 1 Report



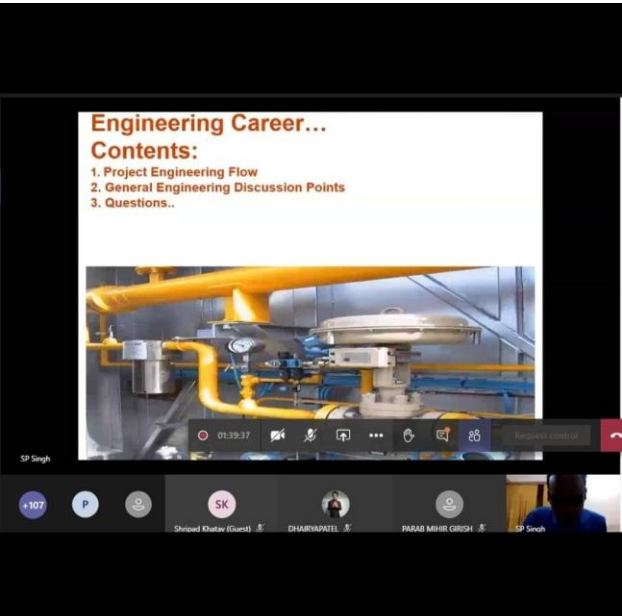
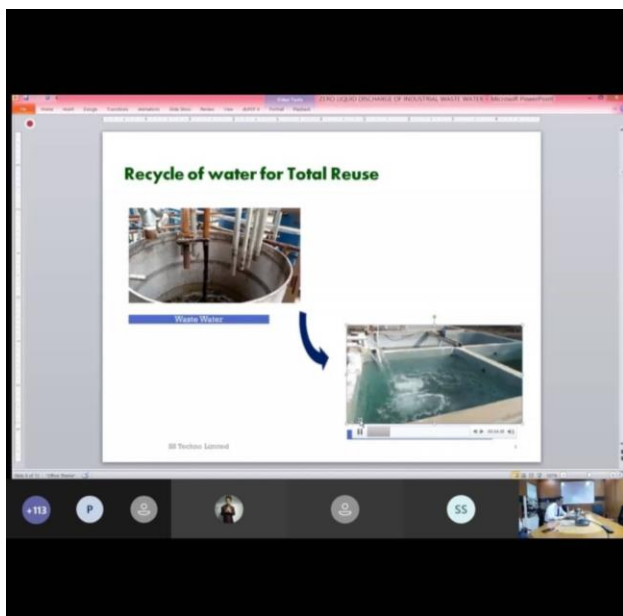
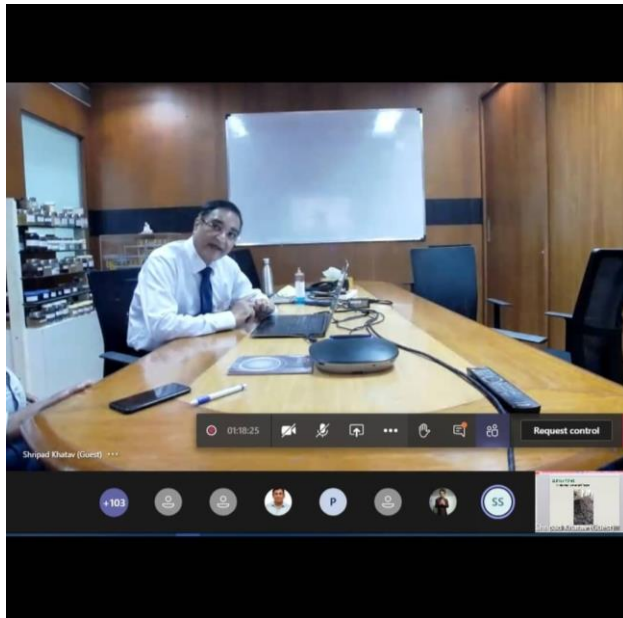
III 1 REPORT

The AIChE student Chapter organized an INDUSTRY INSTITUTE INTERACTION Phase-I program on 5th September 2020.

The Program started with brief addresses by Dr P N Dange, Head of Department of Chemical Engineering and Dr D S Bormane, Principal, AISSMS COE Pune. First session was engaged by Mr. Shripad Khatav, Managing Director, SS Techno Ltd., Pune. He started his talk by introducing the audience with Waste Water Treatment. He outlined the concept of Zero Liquid Discharge and made the session more interesting by sharing videos of operating ZLD plants. Mr. S P Singh, AVP, Praj Industries Ltd., Pune was the guest for second session. He started the session by giving an overview of flowchart of on what basis a chemical industry works and role of Chemical Engineers therein. The third session commenced with the talk by Mr. B E Sonawane, Senior GM-HR & Admin., BILT Graphics Paper Products Ltd., Pune. He spoke about the employability issues for freshers. He pointed out today's scenario about employment and EQ management. He further stressed on the need of communication skills. Last session for the day was taken by Mr. Abhijit Natoo, Senior Vice President at Kansai Nerolac Paints Ltd., Mumbai. He talked on operation management, common issues on quality approach & SHE (Safety, Health & Environment).

All the sessions were followed by Q & A round where students interacted with the industry bosses in length. More than (100) attendees from various Institutes joined the virtual program. The program was co-ordinated by Mr Dhairya P., Mr Mihir P., Mr Mohit R., Mr Darshan D. & Mr. Pranav K. Prof. P M Warke, Faculty Coordinator of the event delivered vote of thanks to end the program.

The program execution was led by Ms Manali Kulkarni, President, AIChE Student Chapter, AISSMS COE, Pune. Dr P N Dange, Chapter Advisor and Head, Department of Chemical Engineering & Prof. P M Warke, Faculty Coordinator guided the planning and execution of the program. The team of AIChE Student Chapter, thanked Dr D S Bormane, Principal, AISSMS COE, Pune for his constant encouragement. It wholeheartedly thanks Hon. Secretary and Management of AISSM Society, Pune for their ever inspiring support in organizing such activities.



Acknowledgement

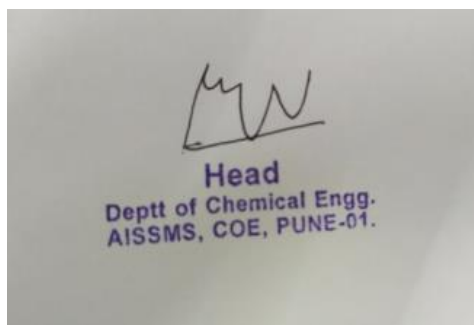
Organizing Committee sincerely thanks Dr. P. N. Dange, AIChE Chapter Advisor and Head, Department of Chemical Engineering & Prof. P. M. Warke, Faculty Coordinator for their unceasing support and guidance. We thank them for letting us conduct this event under their guidance. We deeply acknowledge encouragement by our Hon. Principal, Dr. D. S. Bormane for organizing this event. We further thank Hon. Secretary and Management of AISSMS Society for constant support in organizing such activities. Lastly, organizers profoundly thank the participants for their creative and innovative ideas. Also, for enthusiastically participating in the event.



(Faculty Coordinator)



Dr. P. N. Dange
AIChE Student Chapter Advisor
Head Dept. Of Chem. Engg



Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



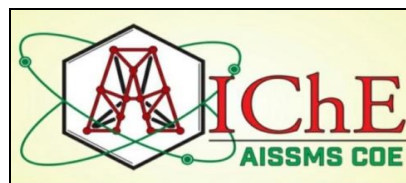
Department Of Chemical Engineering

AIChE Student Chapter

“III 2”

(September 12, 2020)

Industry Institute Interaction 2 Report



The AIChE student Chapter organized an INDUSTRY INSTITUTE INTERACTION Phase-II program on 12th Sept 2020.

The Program started with brief addresses by Dr P N Dange, Head of Department of Chemical Engineering. The first session was engaged by Mr. A G Patil, Partner, Synergy Process Systems, Baner, Pune. The session was mainly focused on distillation process, azeotropic distillation. Sir demonstrated graphics and simulations in order to represent these methodology and approaches to get an idea of various Distillation process. Dr Rajas Warke, Director, Himedia Laboratories Pvt. Ltd., Mumbai was the guest for second session. In this session sir told us that his vision is to make latest molecular diagnostics available to developing countries like India. He talked about his company & the domains they work in. The third session commenced with the talk by Mr. Yuvaraj Mahajan, CEO, Darshan Chemicals, Mumbai. He spoke about what are the possible reasons for unemployment and underemployment. He then explained that they are having insufficient knowledge across domains and lack of client handling skills. Last session for the day was taken by Mr. Ravi Varma, Director, Hypro Engineers Pvt. Ltd., Pune. Sir recommended to solving each problem by yourself instead of relying on the software & explained Hygienic Processing Industry which starts from our kitchen itself. Doing it on a large scale means Hygienic Processing Industry.

All the sessions were followed by Q & A round where students interacted with the industry bosses in length. More than 100 attendees from various Institutes joined the virtual program. The program was co-ordinated by Mr Kartik J., Ms Mrunmayee A., Mr Sahil J., Mr Akshat K. & Mr. Pranav K. Prof. P M Warke, Faculty Coordinator of the event delivered vote of thanks to end the program.

The program execution was led by Ms Manali Kulkarni, President, AIChE Student Chapter, AISSMS COE, Pune. Dr P N Dange, Chapter Advisor and Head, Department of Chemical Engineering & Prof. P M Warke, Faculty Coordinator guided the planning and execution of the program. The team of AIChE Student Chapter thanked Dr D S Bormane, Principal, AISSMS COE, Pune for his constant encouragement. It wholeheartedly thanks Hon. Secretary and Management of AISSM Society, Pune for their ever inspiring support in organizing such activities.

Conceptual Design
Extractive, Azeotropic Distillation

Avinash Patil,
Synergy Process Systems

What Skills to industries expect from students?

1. Excellence:

- Questions to self - What is the path to excellence? How to strive to achieve that what we call in industry as excellence?
- Whatever you are learning, can it really solve a real life problem?
- Engineers are expected to take theoretical inputs from the technology and apply them to solve the real-life problems
- Challenge what you are learning – could it be really done in an interesting manner?
- Think beyond the world – Execute with intellect, Enable with Ideation, Engage with Empathy
- Do something differently which will add some business value –

Career Perspectives

Softwares don't design process equipments. They only calculate. They give an output based on the fed input to it. If the input value to the software is incorrect the results are obviously in-correct. A equipment is correctly designed only If the process conditions are correctly interpreted and defined.

In initial career phase Learn to solve problems by self than using a software.

Zoom meeting interface showing two participants in a video call. The interface includes a search bar, a video feed, and a bottom toolbar with icons for chat, mute, video, and other controls. The participants are labeled 'Ravi Varma (Guest)' and 'PD...'. The bottom toolbar shows a list of participants with icons and names: +80, P, P, MM, N, KB, JL, and a profile icon.

Acknowledgement

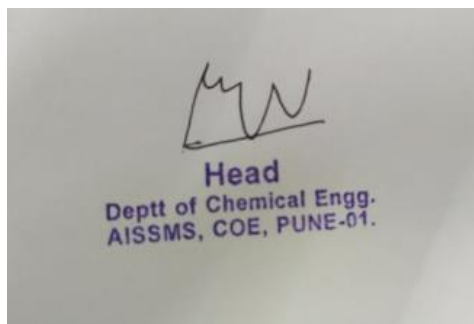
Organizing Committee sincerely thanks Dr. P. N. Dange, AIChE Chapter Advisor and Head, Department of Chemical Engineering & Prof. P. M. Warke, Faculty Coordinator for their unceasing support and guidance. We thank them for letting us conduct this event under their guidance. We deeply acknowledge encouragement by our Hon. Principal, Dr. D. S. Bormane for organizing this event. We further thank Hon. Secretary and Management of AISSMS Society for constant support in organizing such activities. Lastly, organizers profoundly thank the participants for their creative and innovative ideas. Also, for enthusiastically participating in the event.



(Faculty Coordinator)



Dr. P. N. Dange
AIChE Student Chapter Advisor
Head Dept. Of Chem. Engg



Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Report

IEI Student Chapter "Chemical Engineering " in association with Industry Institute Interaction Cell Department of Chemical Engg., successfully conducted "Q and A Session on "JOB and Business Opportunities for Chemical Engineers " dated 22.08.20

Speaker: Mr Kedar Chaudhari, CEO REVA PROCESS TECHNOLOGIES Pune.

Mr Dhairya Patel, and Mr Pranav Kakde IEI Student Chapter Coordinator, Introduced the speaker profile.

Dr P N Dange HOD asked questions regarding initial hurdles during set up of Reva Process Technologies

Dr K R Jethani Coordinator requested Mr.Kedar to act as Mentor for students

Mr Ritesh Kolhapure and Mr Devendra More asked questions related to their innovation.

Mr Kedar Chaudhari Introduced about his company and also answered all questions related to Job and Business opportunities very well and also answered questions of faculty.

On behalf of Department of Chemical Engg., AISSMS COE Ms Pratiksha IEI Student Coordinator given Vote of Thanks

It was really nice session. On behalf of IEI Students Chapter "Chemical Engg." i remain thankful to Mr Kedar CEO REVA PROCESS TECHNOLOGIES PUNE for valuable guidance.



IEI Student Chapter Coordinator

HOD



AISSMS

COLLEGE OF ENGINEERING

ज्ञानमय संस्कृतमहिला
Accredited by NAAC with "A+" Grade



Attendance of Webinar

Aladhav	Joined	13/6/2020 12:02:28 PM
KA PESHKAL GUDI	Joined	13/6/2020 12:02:28 PM
SAKSHIBHOSALE	Joined	13/6/2020 12:02:28 PM
NACHIKETPHADNIS	Joined	13/6/2020 12:02:28 PM
SAMFERERANDE	Joined	13/6/2020 12:02:28 PM
AADESHSANSARE	Joined	13/6/2020 12:02:28 PM
RITESHNETKE	Joined	13/6/2020 12:02:28 PM
NILESHCHATTAR	Joined	13/6/2020 12:02:28 PM
SAMEERANMOLI	Joined	13/6/2020 12:02:28 PM
MAYURESHJADHAV	Joined	13/6/2020 12:02:28 PM
SAGARGUNJOTE	Joined	13/6/2020 12:02:28 PM
BHOIRAJBHAVANAGARE	Joined	13/6/2020 12:02:28 PM
VINAYAKPAWAR	Joined	13/6/2020 12:02:28 PM
ROHITPATRE	Joined	13/6/2020 12:02:28 PM
PRAVINKHAVAN	Joined	13/6/2020 12:02:28 PM
SHRUTI PAWAR	Joined	13/6/2020 12:02:28 PM
HRSHIKESHKALE	Joined	13/6/2020 12:02:28 PM
TAHERMULANI	Joined	13/6/2020 12:02:28 PM
UMESHTHORJEE	Joined	13/6/2020 12:02:28 PM
ROHITKOLAH	Joined	13/6/2020 12:02:28 PM
SONAMGAWANDE	Joined	13/6/2020 12:02:28 PM
SANJAYVAIBHAV	Joined	13/6/2020 12:02:28 PM
AKASHGAIKWAD	Joined	13/6/2020 12:02:28 PM
SHUBHAMKUSHARE	Joined	13/6/2020 12:02:28 PM
SAMRUDDHJOSHI	Joined	13/6/2020 12:02:28 PM
Mr Hrushikesh Danti	Joined	13/6/2020 12:02:28 PM



DEPARTMENT OF COMPUTER ENGINEERING

ACADEMIC YEAR: 2021-22

SEMESTER I

REPORT OF WEBINAR ON “INTRODUCTION TO IPR “

Class : Computer Department

Name of Webinar : Introduction to IPR

Date & Day : 13th October 2021 [Wednesday]

Total No. of students : 160

Name of speaker : Dr. Shailaja Patil

Name of College : RSCOE, Pune

Staff Members

who have attended : All computer Department Staff members

PO attained : PO1, PO2, PO3 , PO4 & PO12.

Following points were discussed during the session:

1. What is Copyrights.
2. Term of protection.
3. Geographical Indications.
4. What is patent.
5. Discovery V/s Innovation.

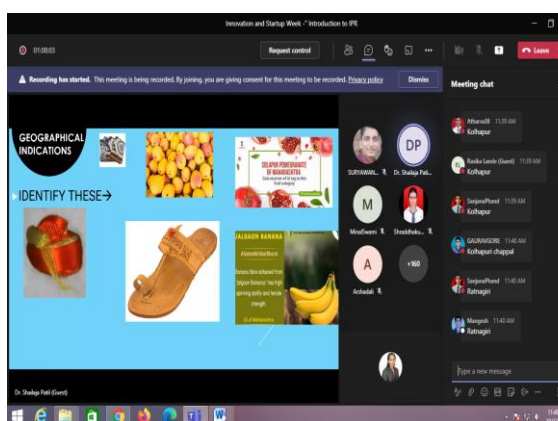
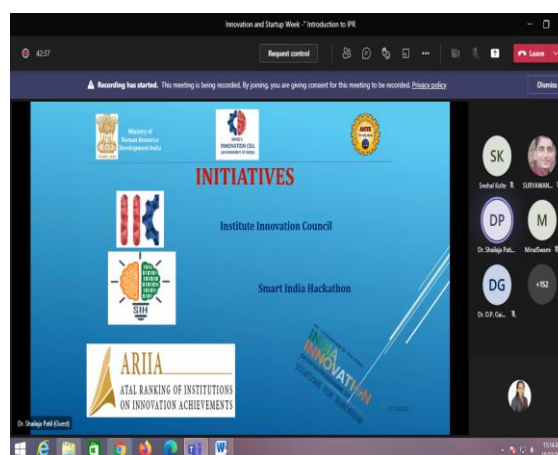
Mrs. R. S. Dudhmal

Ms. S. S. Kolte

Ms. M. M. Swami

Event Coordinator

ON 13th October 2021 [Wednesday]



SA



Event Coordinator

1. Basin

HOD

Department of Electrical Engineering

REPORT on “Unfolding the journey of a successful start-up”, Founders of Claro Energy Mr Kartik Wahi and Gaurav Kumar

Day: Thursday **Date:** 24th June 2021

Platform: Microsoft Teams **Time:** 3.30 PM

Mr Kartik Wahi and Mr Gaurav Kumar have explained the students about the challenges on their start up mission for “Claro Agro Solutions Pvt Ltd”. How an idea can be converted to a business set up and how to overcome the struggles with various factors, has been very well explained by both of them. Students were excited to hear from them and the questions from students have proved that they have also started to think about a start up once they complete their 4 years of Engineering.

Gaurav has explained the students that what should be the prime objective at the initial stage of a start up, how to scale your ideas for a start up, how to take advantage of the experience from your former corporate job and what is the correct time to think about a start up.

Mr. Kartik explained the difference between the education from abroad and the education from India, and also at what extent this education helped him to develop his idea.

Both of them clearly told the students that to begin and sustain a start-up, one needs to have the right temperament, right people and sufficient capital to run it.

Overall, they have made the students to believe in themselves to become an entrepreneur and also promised to help the students with their start up ideas.

The talk ended with a promise from the speakers to interact with a more focussed group who intend to start their own venture.

Link of Recording

https://aissmscoe0-my.sharepoint.com/:v:/g/personal/snchiwande_aissmscoe_com/EeFbpuQkPONBqcHphhNyAMwB-DfIBO3qBs3nmcotyI9iEw


Head
Department of Electrical Engineering
AISSMS College of Engineering, Pune



Name of Event: Opportunities and Challenges for Research and Development & IEI Initiative for Research Funding

Date: 07.07.2020

Speaker: Dr. Nilanjan Sengupta, Director, Technical, Institution of Engineers (India), Kolkata

No. of Participants: 150+

Event Report:

Objective: The objective of the session was to explore the current landscape of research and development (R&D) initiatives, identify opportunities for innovation and growth, and discuss challenges hindering R&D progress. Additionally, the session aimed to highlight the Institution of Engineers (India) (IEI) initiative for research funding and support.

Key Topics Discussed:

- 1. Global R&D Trends:** Overview of global R&D trends and emerging areas of research focus, including technology innovation, sustainability, healthcare, and digital transformation.
- 2. Opportunities for Innovation:** Identification of opportunities for innovation and R&D investment in key sectors such as renewable energy, artificial intelligence, biotechnology, and advanced manufacturing.
- 3. Challenges in R&D:** Discussion on challenges faced by researchers and innovators, including funding constraints, regulatory hurdles, talent retention, and intellectual property protection.
- 4. Government Initiatives:** Examination of government initiatives and policies aimed at promoting R&D, fostering collaboration between industry and academia, and incentivizing innovation-driven entrepreneurship.

Key Insights:

- 1. Interdisciplinary Collaboration:** Emphasized the importance of interdisciplinary collaboration and cross-sector partnerships in addressing complex societal challenges and driving innovation.
- 2. Capacity Building:** Highlighted the need for capacity building initiatives to enhance research infrastructure, develop research talent, and facilitate knowledge transfer between academia and industry.
- 3. Public-Private Partnerships:** Advocated for increased collaboration between public and private sectors to leverage resources, expertise, and networks for R&D advancement and technology commercialization.
- 4. Sustainability and Social Impact:** Underlined the significance of sustainability-oriented research and R&D projects with a focus on addressing environmental, social, and economic challenges for sustainable development.

IEI Initiative for Research Funding: The Institution of Engineers (India) (IEI) has launched a dedicated initiative for research funding to support innovative R&D projects and promote excellence in engineering research. The initiative provides financial assistance, mentorship, and networking opportunities to researchers and institutions engaged in impactful research initiatives

Call to Action:

- 1. Investment in R&D:** Encourage increased investment in R&D by governments, industry, and philanthropic organizations to foster innovation, economic growth, and societal progress.
- 2. Promote Collaboration:** Facilitate collaboration between stakeholders across academia, industry, and government to create synergies, share resources, and accelerate R&D outcomes.
- 3. Support Talent Development:** Strengthen efforts to develop research talent, foster a culture of innovation, and provide opportunities for skill enhancement and professional development.

Conclusion: The session on "Opportunities and Challenges for Research and Development" provided valuable insights into the current landscape of R&D, highlighting opportunities for innovation, collaboration, and growth. The IEI initiative for research funding offers a promising avenue for supporting impactful R&D projects and advancing engineering research in India.

Feedback: Participants appreciated the informative session and the IEI's initiative for research funding, noting its potential to catalyze R&D innovation and contribute to India's development agenda. Many expressed interest in exploring collaboration opportunities and accessing research funding support through the IEI initiative.

Glimpses:

AISSMS
COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi, Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PNI/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade

Department of Electronics & Telecommunication
Induction Program
A.Y. 2020-21
Day 02: 7th July 2020
Session 2

01:00 PM to 02:00 PM
Role of Professional Students' Chapter
in Enhancing Engineering Students
Career Growth and increasing
Opportunities

Dr. S M Ali
Director Membership,
Institution of Engineers (India), Kolkata

02:00 PM to 03:00 PM
Opportunities and Challenges
for Research and
Development & IEI Initiative
for Research Funding

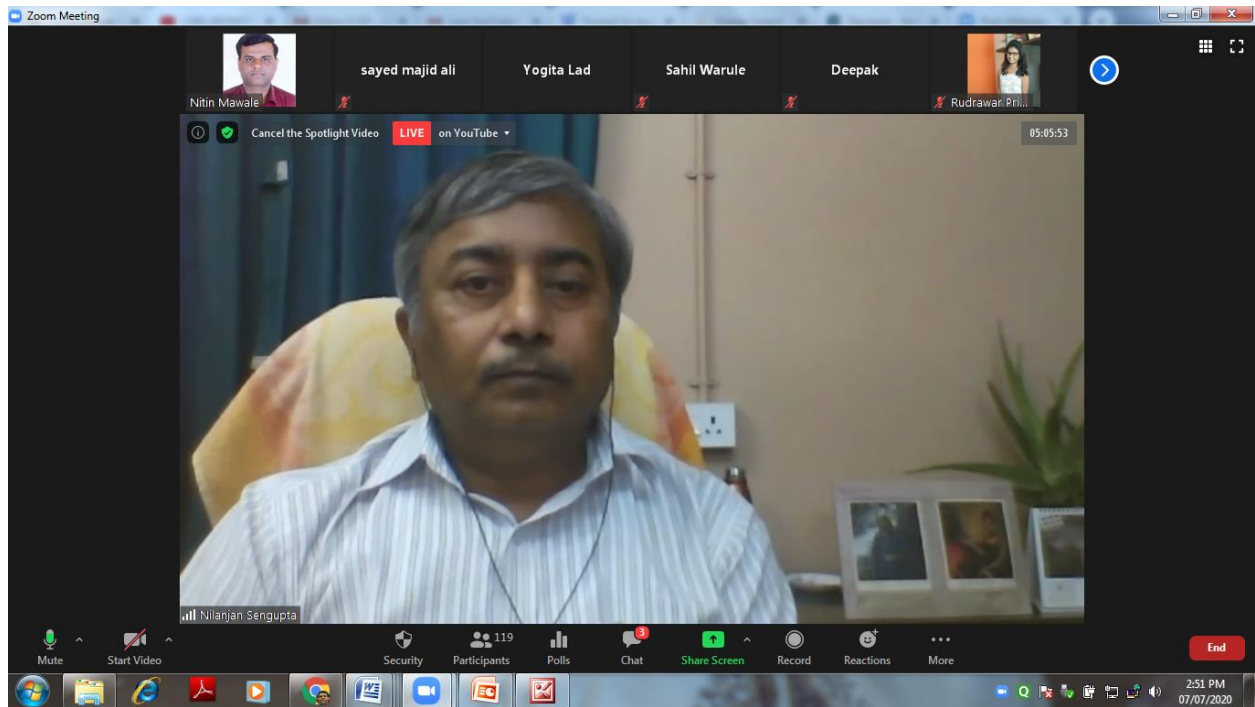
Dr. Nilanjan Sengupta
Director Technical,
Institution of Engineers (India), Kolkata

Mr.S.B.Dhekale
Induction Program
Co-ordinator

Dr.D.G.Bhalke
HOD E&TC

Dr.D.S.Bormane
Principal

Event Flyer



Dr. Nilanjan Sengupta, Director, Technical, Institution of Engineers (India), Kolkata



Dr. Nilanjan Sengupta, Director, Technical, Institution of Engineers (India), Kolkata

PPTs during Webinar:

Zoom Meeting | You are viewing Nilanjan Sengupta's screen | View Options | 04:38:12 | Gallery View

The Institution of Engineers (India)

A Scientific and Industrial Research Organisation
recognized by Dept. of Scientific & Industrial Research,
Govt. of India

Promotion of R&D

Dr Nilanjan Sengupta
Director (Technical)

Zoom Meeting controls: Mute, Start Video, Security, Participants (133), Polls, Chat, Share Screen, Record, Reactions, More, End. System tray: 2:23 PM 07/07/2020.

Zoom Meeting | You are viewing Nilanjan Sengupta's screen | View Options | 04:38:57 | Gallery View

The Institution of Engineers (India)

A Scientific and Industrial Research Organisation
recognized by Dept. of Scientific & Industrial Research,
Govt. of India

Promotion of R&D

Dr Nilanjan Sengupta
Director (Technical)


Zoom Meeting controls: Unmute, Start Video, Security, Participants (130), Polls, Chat, Share Screen, Record, Reactions, More, End. System tray: 2:24 PM 07/07/2020.

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:44:46 Gallery View

RESEARCH & DEVELOPMENT ACTIVITIES

- Foster research in engineering campuses
- Providing Grant-in-aid to worthy proposals that focus on contemporary themes of engineering
- Reach-out to many campuses / technical universities for reinforcing and increasing the footprints of IE(I) with emphasis on Corporate/Non-corporate Membership
- Explore the avenues for matching grants

Interaction program



Unmute Start Video Security Participants 126 Polls Chat Share Screen Record Reactions More End

2:30 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:45:06 Gallery View

RESEARCH & DEVELOPMENT ACTIVITIES

- Foster research in engineering campuses
- Providing Grant-in-aid to worthy proposals that focus on contemporary themes of engineering
- Reach-out to many campuses / technical universities for reinforcing and increasing the footprints of IE(I) with emphasis on Corporate/Non-corporate Membership
- Explore the avenues for matching grants
- Interaction program



Unmute Start Video Security Participants 125 Polls Chat Share Screen Record Reactions More End

2:30 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:47:21 Gallery View

GUIDELINES OF R&D GRANT

Submission of Project Proposal :

1. Visit website of The Institution of Engineers (India) at www.ieindia.org and click on the R&D Activities under IEI Activities Button.
2. Download Format of Application: (<https://www.ieindia.org/webui/IEI-Activities.aspx#RnD-Initiative>).
3. Fill-up the formats to prepare the project proposal and send it to by email to research@ieindia.org
4. Please make sure that at least one hard copy duly signed by all concerned are sent to the following address within 10 days of online submission:
 Director (Technical)
 The Institution of Engineers (India)
 8 Gokhale Road, Kolkata- 700020

Unmute Start Video Security Participants 125 Polls Chat Share Screen Record Reactions More End

2:33 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:50:57 Gallery View

Eligibility Criteria :-

Project Category	Institutional Membership	Guide	Student/ Applicant Membership	Quantum of Grant	Project Duration
Diploma	Not Mandatory	Should be Corporate Member(s)*	Not Mandatory	Not exceeding Rs 20,000/- for a single project	Not exceeding six (06) months
Under Graduate (UG)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Student Member*	Not exceeding Rs 50,000/- for a single project	Not exceeding nine (09) months
Post Graduate (PG)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Not exceeding Rs 1,00,000/- for a single project	Not exceeding twelve (12) months
Doctoral (Ph. D)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Not exceeding Rs 1,50,000/- for a single project	Not exceeding Twenty-four (24) months
Fellowship (Not in operation now)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Monthly Fellowship @ Rs 10,000/-	Initially for a period of 12 months extendable by six months for maximum two terms after review subject to total duration not

Unmute Start Video Security Participants 122 Polls Chat Share Screen Record Reactions More End

2:36 PM 07/07/2020

Zoom Meeting You are viewing Niranjan Sengupta's screen View Options

LIVE on YouTube 04:51:10 Gallery View

Project Category	Institutional Membership	Guide	Student/ Applicant Membership	Quantum of Grant	Project Duration
Diploma	Not Mandatory	Should be Corporate Member(s)*	Not Mandatory	Not exceeding Rs 20,000/- for a single project	Not exceeding six (06) months
Under Graduate (UG)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Student Member*	Not exceeding Rs 50,000/- for a single project	Not exceeding nine (09) months
Post Graduate (PG)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Not exceeding Rs 1,00,000/- for a single project	Not exceeding twelve (12) months
Doctoral (Ph. D)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Not exceeding Rs 1,50,000/- for a single project	Not exceeding Twenty-four (24) months
Fellowship (Not in operation now)	Applicant's Institute should preferably be an Institutional Member	Should be Corporate Member(s)*	Should be Corporate Member(s)*	Monthly Fellowship @ Rs 10,000/-	Initially for a period of 12 months extendable by six months for maximum two terms after review subject to total duration not exceeding 24 months.

*At the time of application they may not have membership, but before release of grant they must obtain membership of IEI

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:36 PM 07/07/2020

Zoom Meeting You are viewing Niranjan Sengupta's screen View Options

LIVE on YouTube 04:52:07 Gallery View

- Proposals from Members and Institutional Members will get preference. The Guide(s) must be a Corporate Member of IEI. Corporate Membership (AMIE, MIE, FIE); Student Membership (SMIE) and Institutional Membership forms can be obtained from IEI website <https://www.ieindia.org>
- The R&D work has to be completed and final report has to be submitted within the scheduled completion of course of the student. [Normally processing of proposals takes about 3 months. So the applicant(s) should keep adequate time for completion accordingly].
- The proposals should preferably be industry relevant and have in-kind or cash support from the industry partners or those having potential to lead to an entrepreneurship venture or a start-up model. Thematic focus on green energy, clean water, waste-to-energy conversion, versatile simulation, urban rejuvenation, skill development in design and manufacturing will be given due weightage.
- Grant will be transferred online only to the account of Principal/Director/Registrar/Dean (R&D) directly. Payee details should be provided accordingly. Project proposal should be accompanied by hard copy of cancelled cheque. The cancelled cheque should be from the same account against which payee details have been provided.

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:37 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:54:45 Gallery View

Quantum of Grant-in-aid:

IEI has the unique credential of encouraging R&D at the undergraduate level and about 70% of the total quantum of grant in each year is spent for R&D by Undergraduate students. About 20% and 10% of total quantum is awarded to Post-graduate students and Research Scholars respectively. The following amount in INR is granted for the R&D work primarily for the recurring expenditure:

❖ For Under Graduate students	:	Not exceeding Rs. 50,000/-
❖ For Post Graduate students	:	Not exceeding Rs.100,000/-
❖ For PhD scholars	:	Not exceeding Rs.150,000/

- The above figures may vary as per the discretion of IE(I)
- Only Recurring Part of the project expense is admissible under the above grant-in-aid. Non-Recurring expense, if any, has to be incurred by the institute of the applicant
- Recurring expenses include consumables and testing expenses for the project. Honorarium, salary, travelling expenses are not admissible under this grant.
- Non-Recurring expenses like infrastructure, laboratory facility etc. has to be provided by the institute of the applicant

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:40 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:54:56 Gallery View

IEI has the unique credential of encouraging R&D at the undergraduate level and about 70% of the total quantum of grant in each year is spent for R&D by Undergraduate students. About 20% and 10% of total quantum is awarded to Post-graduate students and Research Scholars respectively. The following amount in INR is granted for the R&D work primarily for the recurring expenditure:

❖ For Under Graduate students	:	Not exceeding Rs. 50,000/-
❖ For Post Graduate students	:	Not exceeding Rs.100,000/-
❖ For PhD scholars	:	Not exceeding Rs.150,000/

- The above figures may vary as per the discretion of IE(I)
- Only Recurring Part of the project expense is admissible under the above grant-in-aid. Non-Recurring expense, if any, has to be incurred by the institute of the applicant
- Recurring expenses include consumables and testing expenses for the project. Honorarium, salary, travelling expenses are not admissible under this grant.
- Non-Recurring expenses like infrastructure, laboratory facility etc. has to be provided by the institute of the applicant
- Matching grant from industries / institute is preferred.

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:40 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:56:01 Gallery View

Application Form with Information Sheet

Point-wise detailed below:-

- A. Project Title
- B. Details of the Institution
- C. Particulars of Guide(s)
- D. Particular of Student(s)
- E. Details of Published Papers in Journals/Conferences
- F. Objectives of the proposed project
- G. Review of R&D in the proposed area (National & International status, Importance, patents etc.)
- H. Project Duration
- I. Work Plan
- J. Future plans
- K. Where the Research Findings / Developed Equipment can be used in future
- L. Facilities to be provided by Applicant's Institute
- M. If your project has received any Industry Support in cash /kind
- N. If your project has got any connectivity with an entrepreneurship or start up idea?
- O. Details of Financial Requirements

Declaration
Information Sheet
Payee Details

Unmute Start Video Security Participants 117 Polls Chat Share Screen Record Reactions More End

2:41 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:55:47 Gallery View

Point-wise detailed below:-

- A. Project Title
- B. Details of the Institution
- C. Particulars of Guide(s)
- D. Particular of Student(s)
- E. Details of Published Papers in Journals/Conferences
- F. Objectives of the proposed project
- G. Review of R&D in the proposed area (National & International status, Importance, patents etc.)
- H. Project Duration
- I. Work Plan
- J. Future plans
- K. Where the Research Findings / Developed Equipment can be used in future
- L. Facilities to be provided by Applicant's Institute
- M. If your project has received any Industry Support in cash /kind
- N. If your project has got any connectivity with an entrepreneurship or start up idea?
- O. Details of Financial Requirements

Declaration
Information Sheet
Payee Details

Unmute Start Video Security Participants 117 Polls Chat Share Screen Record Reactions More End

2:41 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:59:00 Gallery View

LIVE on YouTube

What we look for in the R&D project proposals

- Whether all the details have been filled-up properly.
- Whether the Review of R&D in the proposed area has been properly carried out and the gap in the research has been identified.
- Whether the "Objective" of the project tried to address the "Gap in research".
- The proposed R&D should not be aimed at creating any asset for the institute.
- Commercialization prospect of the R&D is considered as an added advantage
- Whether any paper can be published in IJL journals

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:44 PM 07/07/2020

Cancel the Spotlight Video

Nilanjan Sengupta

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:59:13 Gallery View

LIVE on YouTube

What we look for in the R&D project proposals

- Whether all the details have been filled-up properly.
- Whether the Review of R&D in the proposed area has been properly carried out and the gap in the research has been identified.
- Whether the "Objective" of the project tried to address the "Gap in research".
- The proposed R&D should not be aimed at creating any asset for the institute.
- Commercialization prospect of the R&D is considered as an added advantage
- Whether any paper can be published in IJL journals with the outcome of the R&D work

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:44 PM 07/07/2020

Cancel the Spotlight Video

Nilanjan Sengupta

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 04:59:27 Gallery View

LIVE on YouTube

- Whether all the details have been filled-up properly.
- Whether the Review of R&D in the proposed area has been properly carried out and the gap in the research has been identified.
- Whether the "Objective" of the project tried to address the "Gap in research".
- The proposed R&D should not be aimed at creating any asset for the institute.
- Commercialization prospect of the R&D is considered as an added advantage
- Whether any paper can be published in IEI journals with the outcome of the R&D work

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:45 PM 07/07/2020

Cancel the Spotlight Video

Nilanjan Sengupta

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 05:02:38 Gallery View

LIVE on YouTube

Fellow of IEI (FIE)
 From India: Rs12980/-,
 From SAARC Countries: Rs 22,500 or US \$ 300
 From other Countries: Rs 52,875 or US \$ 705

Member of IEI (MIE)
 From India: Rs 4897/-,
 From SAARC Countries: Rs 15,000 or US \$ 200
 From other Countries: Rs 36,750 or US \$ 490

Associate Member of IEI (AMIE)
 From India: Rs 4189/-,
 From SAARC Countries: Rs 12,750 or US \$ 170
 From other Countries: Rs 32,250 or US \$ 430

Student Member of IEI (SMIE)
 From India: Rs 1500/-,
 From SAARC Countries: US \$ 88
 From other Countries: US \$ 150

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End

2:48 PM 07/07/2020

Cancel the Spotlight Video

Nilanjan Sengupta

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 05:02:58 Gallery View

Membership Fees

Fellow of IEI (FIE)
 From India: Rs12980/-,
 From SAARC Countries: Rs 22,500 or US \$ 300
 From other Countries: Rs 52,875 or US \$ 705

Member of IEI (MIE)
 From India: Rs 4897/-,
 From SAARC Countries: Rs 15,000 or US \$ 200
 From other Countries: Rs 36,750 or US \$ 490

Associate Member of IEI (AMIE)
 From India: Rs 4189/-,
 From SAARC Countries: Rs 12,750 or US \$ 170
 From other Countries: Rs 32,250 or US \$ 430

Student Member of IEI (SMIE)
 From India: Rs 1500/-,

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End 2:48 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 05:03:08 Gallery View

Join IEI as a Member

Get involved in R&D activities of IEI and make your presence felt in national arena

Contacts:

For R&D : research@ieindia.org
 For Membership : membership@ieindia.org
 For Technical Activities : technical@ieindia.org
 For news related to Institutional Member's Activities and Member's Achievement : newsletter@ieindia.org

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions More End 2:48 PM 07/07/2020

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 05:03:25 Gallery View

Get involved in R&D activities of IEI and make your presence felt in national arena

Contacts:

For R&D	: research@ieiindia.org
For Membership	: membership@ieiindia.org
For Technical Activities	: technical@ieiindia.org
For news related to Institutional Member's Activities and Member's Achievement	: newsletter@ieiindia.org

Thank you

Unmute Start Video Security Participants 118 Polls Chat Share Screen Record Reactions More End

2:49 PM 07/07/2020

Cancel the Spotlight Video Nilanjan Sengupta

Zoom Meeting You are viewing Nilanjan Sengupta's screen View Options 05:03:49 Gallery View

Get involved in R&D activities of IEI and make your presence felt in national arena

Contacts:

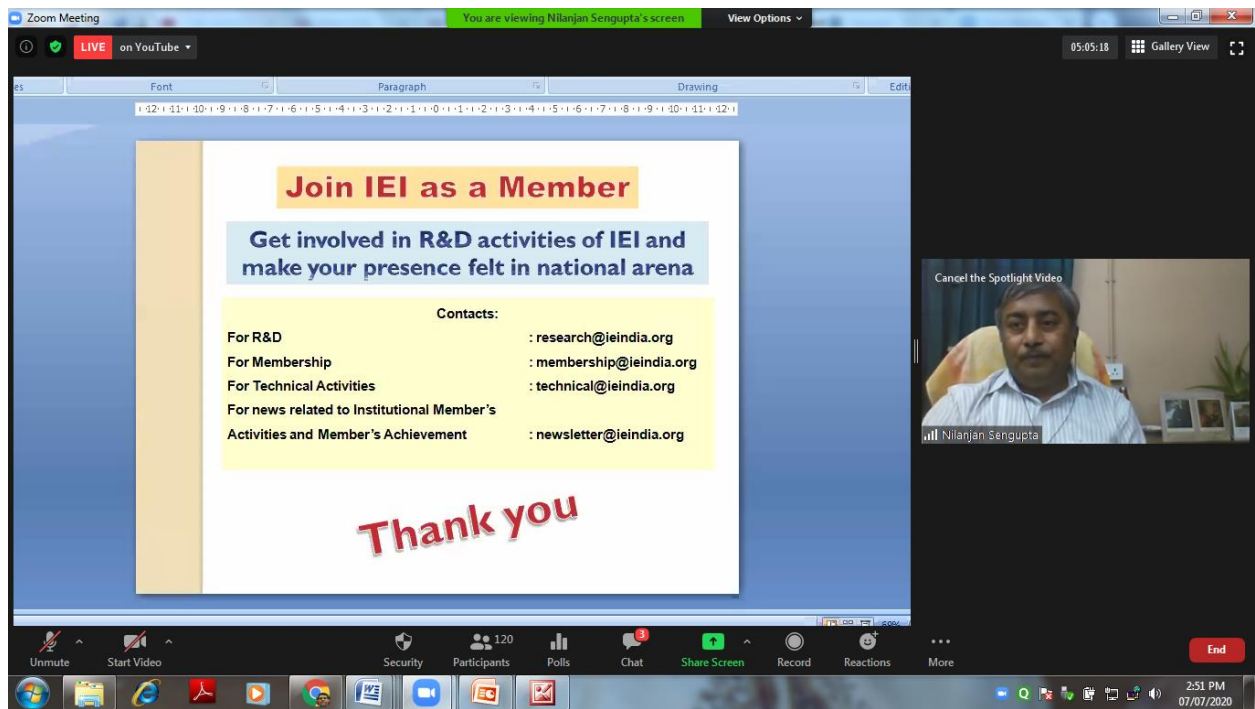
For R&D	: research@ieiindia.org
For Membership	: membership@ieiindia.org
For Technical Activities	: technical@ieiindia.org
For news related to Institutional Member's Activities and Member's Achievement	: newsletter@ieiindia.org

Thank you

Unmute Start Video Security Participants 118 Polls Chat Share Screen Record Reactions More End

2:49 PM 07/07/2020

Cancel the Spotlight Video Nilanjan Sengupta



Mr. N P Mawale

Faculty Coordinator

Dr. D G Bhalke

HOD E&TC



PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Electronics & Telecommunication

Induction Program A.Y 2020-21

Session 18

Title: - Why , How & What Entrepreneur.

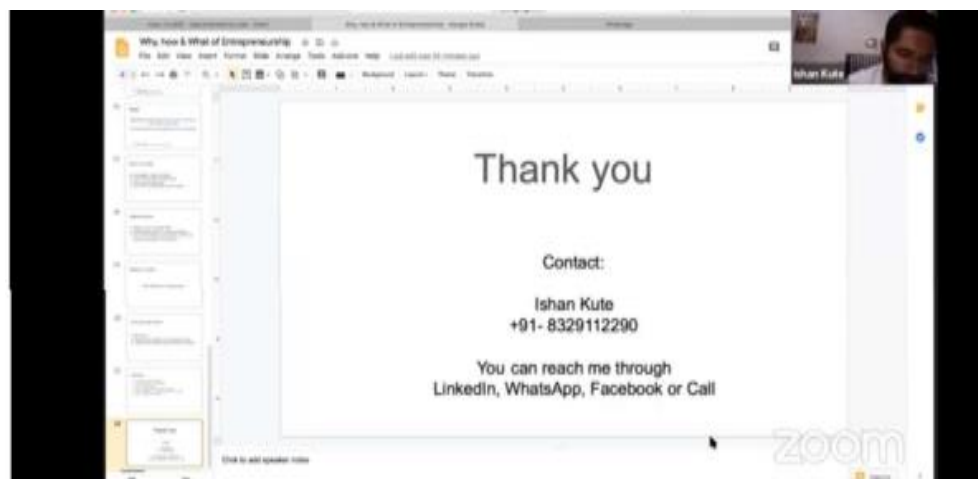
Speaker:- Mr. Ishan Kute

Date: 09/07/2020

Time:-11.00am to 12.00pm

Objectives: -Sketching an apt business plan .It is crucial to draft a business plan that is strong and accountable.

Photos:



Contents:

- Why Entrepreneurship?
- To generate value for yourself and many others by solving problems or improving things.
- There are only 2 intrinsic values of economic importance: Time & Money.
- How to generate this value consistently?
- There are No shortcuts to wealth.
- If someone is too good to be true then it is not true.
- You will get rich by giving society what it wants but does not yet know how to get it.
- $Wealth = \text{The size of the problem} \times \text{Number of people facing the problem.}$



PRINCIPAL
ALL INDIA SHRI SHYAMJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001



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



Outcomes:-

- How to become an entrepreneur.
- Responsibilities of an Entrepreneur.

Dr. P. P. Vast
Event-Coordinator

Dr. D. G. Bhalke
HOD, E&TC



PRINCIPAL
ALL INDIA SHRI SHANKAR MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001



AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय
(Accredited by NAAC with 'A+' grade)



IEEE
AISSMS COE STUDENT BRANCH

Event Title: Webinar on 'How to write Research Papers?'

Organised by: AISSMS COE IEEE Student Branch (STB-98723) in association with Department of Electronics & Telecommunication, AISSMS College of Engineering, Pune.

Date: Wednesday, 11th November 2020

Time: 10:30 AM – 12:00 PM

Meeting Platform: Microsoft Teams Meeting

No. of Participants: 150

Student Co-Ordinators:

Ms. Pragna Chatla (Chair)

Mr. Piyush Chaudhari (Secretary)

Ms. Saumya

Mr. Adarsh Vishwakarma

Faculty Co-Ordinators:

Dr. D.G. Bhalke (HOD-E&TC / Branch Counsellor)

Mrs. R.R. Itkarkar

Resource Speaker: Dr. Parikshit N. Mahalle, Professor & HOD Computer Engineering, Smt. Kashibai Navale College of Engineering, Vadgaon, Pune

Topics delivered in session:

1. What do you mean by research and research paper?
2. Why to write a research paper?
3. Terminologies related to a research paper:
 - Impact Factor
 - Immediacy Index
 - H – Index
4. Google Scholar
5. Getting started with writing a research paper:
 - Know the reviewer
 - Literature survey
 - Identify existing problems/ limitations
 - Paper Novelty
6. A successful research publication should be:
 - Logically perfect
 - Well written and be published in a good journal
7. Elements of a research paper (content, style, format)

8. Examples and Guidelines on title, abstract and introduction, main contents, language and sentence structure, conclusion and references, diagrams
9. Style- KISS approach
10. Tools that can be used when writing a research paper:
 - IEEE Search
 - Mendeley
 - Trello
 - Tableau

Glimpses of Session:

How To Write Research Paper ? | AISSMS COE IEEE SB

41:54 Request control

How is Impact Factor calculated?

IEEE TRANSACTIONS ON POWER ELECTRONICS

Year	Impact Factor
2007	1.753
2008	3.483
2009	2.929
2010	3.240
2011	4.650

2011 Impact Factor:

Cites in 2011 to articles published in	# of articles published in
2010: 1015	2010: 300
2009: 1775	2009: 300
Sum=====→2790	Sum=====→600
Calculation: 2790/600=4.650	

Dr Parikshit Mahalle

How To Write Research Paper ? | AISSMS COE IEEE SB

46:27 Request control

Other Terms

- **Immediacy index** of the year X: number of citations collected in the year X to articles published in year X (this gives an idea how fast is the review process)

$$\text{Immediacy Index} = \frac{\text{No. of Cites to articles published in 2013 in the journal}}{\text{No. of articles published in 2013 in the journal}}$$

Articles	Citation Numbers
1	33
2	30
3	20
4	15
5	7
6	6
7	5
8	4

h-index: a scientist/journal has index h, if h of his/her N papers have at least h citations each, and the other (N-h) papers have no more than h citations each.

Dr Parikshit Mahalle

How To Write Research Paper ? | AISSMS COE IEEE SB

48:39 Request control

9

Getting Started..

- We start with knowing the 'reviewer'. Know the reviewer.
- Much difference !

Dr Parikshit Mahalle

How To Write Research Paper ? | AISSMS COE IEEE SB

01:16:19 Request control

33

Concluding Remarks !

- A good paper becomes a highly cited paper:
 - ☐ If it is easy to read and understand
 - ☐ If it describes a problem and has a clear contribution
 - ☐ If it is timely
 - ☐ If it is well presented and properly formatted
- High impact contributions have:
 - ☐ A strong theoretical and analytical background
 - ☐ Rigorous experimental validation
- Accomplishing this demands hard work, but...

Dr Parikshit Mahalle

Thanks to Hon. Secretary, AISSMS Society, Management & Dr. D.S. Bormane (Principal, AISSMS College of Engineering) for their support to organize this activity.

Chatla

Ms. Pragna Chatla
(Chair)

Piyush

Mr. Piyush Chaudhari
(Secretary)

Bhalke

Dr. D.G.Bhalke
(Branch Counsellor)



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



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

on

Emerging Applications of Geographic Information System (EAGIS-2020)

Phase I

30th Nov - 5th Dec

Phase II

7th Dec - 12th Dec

Phase III

14th Dec - 19th Dec

Organised by:

**Department of Civil Engineering,
AISSMS College of Engineering,
Pune- 411001**

Register at


<https://bit.ly/3flA7ae>

Co-ordinator

Dr. Vidya Nitin Patil

Mobile: 9422443243

Email: vnpatil@aissmscoe.com


**HEAD OF DEPARTMENT
CIVIL ENGINEERING
AISSMS's COE, PUNE-1.**

Co-coordinator

Mr. P. R. Modak

Mobile: 9767449627

Email: prmodak@aissmscoe.com

About AISSMS College of Engineering

AISSMS College of Engineering, Pune is a co-education Institute established in the year 1992. It offers AICTE approved programs leading to Degree of Bachelor of Engineering (BE) in eight Engineering streams and Master of Engineering (ME) in seven Engineering disciplines. The College is affiliated to Savitribai Phule Pune University, Pune. This College is centrally located in the city of Pune on the sprawling campus of 11.1 acres of land. Institute has made significant and continued strides in terms of building infrastructure, faculty expertise and all round development of students. The College has completed its 25 glorious years of service with quality outcomes in the form of knowledge creation for the country and contributing to its growth. National Assessment and Accreditation Council (NAAC) has recently awarded 'A+' grade for the Institute's robust infrastructure and excellent academic practices.

About AICTE

All India Council for Technical Education (AICTE) is the statutory body and the national level council for technical education in the country. AICTE was formed in November 1945 with the vision to promote development of the

education system in India AICTE as a body responsible for accrediting all post graduate and graduate programmes, and specific categories of technology for Indian institutions. AICTE has various operational region offices in different cities across the country. AICTE provides a co-ordinated effort for development of planning of technical education in India. It is primarily the accrediting authority for institutions, including schools and colleges giving diplomas under graduate and post graduate education. Apart from the accreditation. AICTE also has major involvement in training, research and development of technical education in the country, which includes the variety of study areas like commerce and industry trade, science and engineering, medicine and health care, arts environment architecture, vocational studies. management, hospitality, food science and many more.

Objectives of the STTP

The STTP will provide an interdisciplinary platform for the dissemination of knowledge and practice on all the aspects of GIS and its application areas in Civil Engineering. The objective of STTP is not only to expose the participants to the rapidly growing field of GIS but also to motivate them to take up research in this rapidly growing field of science and technology.

About the STTP

This STTP will help the participants to understand Geographic Information System (GIS) and its scope in future across the globe and in India. Geographic Information System (GIS) is a technology which helps customers to map data and information in a systematic manner and then use that for the purpose of planning and tracking. Civil Engineering and Urban Planning projects involve the management, analysis and integration of large amounts of geographic information to ensure success. GIS is unique system where engineers can analyze, visualize and manage all their data with the vast tools and easy format interchangeability makes engineers plan their work at one stop. GIS provides best solutions for Engineers whether it is Hydrography or Infrastructure or Construction. Integrated approaches in GIS play a rapidly increasing role in the field of hydrology, environment and water resources development. It provides suitable alternatives for efficient management of large and complex databases developed in different model environments. GIS is a tool that not only reduces the time and cost of the site selection, but also provides a digital data bank for future monitoring program of the site. Emerging civil engineering applications in GIS are: Water resources, Environment, Infrastructure Management, Site Analysis, etc.

STTP Coverage

Basic GIS concepts, spatial data models, data structures, image registration, digitization and editing, symbology, thematic mapping, working with raster data, Bing map access, database creation and manipulation, map analysis, geostatistical analysis, 3D GIS, project planning, case studies

Resource Persons

Sessions will be delivered by eminent speakers from industry, academics and research institutes.

Important dates

Last date for receipt of applications is 25.11.2020. Intimation of selection will be communicated through email/WhatsApp by 26.11.2020.

Eligibility

Faculty members from AICTE/UGC affiliated institutes/universities, persons from industries and R & D organizations, research scholars and PG students

Chief Patron

Shri Shahu Chhatrapati Maharaj
President, AISSM Society

Patrons

- **Shri Sambhajiraje Chhatrapati**
Vice-President, AISSM Society
- **Shri Malojiraje Chhatrapati**
Hon. Secretary, AISSM Society

Steering Committee

- **Dr. D. S. Bormane (Chairperson)**
Principal, AISSMS COE, Pune-1.
- **Dr. Vidya Nitin Patil (Member Secretary)**
Associate Professor, Dept of Civil Engineering
- **Dr. P. N. Dange**
Head, Department of Chemical Engineering
- **Dr. D. P. Gaikwad**
Head, Department of Computer Engineering
- **Dr. U. R. Awari (Subject Expert)**
Head, Department of Civil Engineering
- **Dr. M. S. Deshmukh**
Associate Professor, Dept of Mechanical Engineering
- **Mr. P. R. Modak (Co-coordinator)**
Assistant Professor, Dept of Civil Engineering

Organising Committee

All faculty members from Department of Civil Engineering



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



DEPARTMENT OF CIVIL ENGINEERING

AICTE sponsored STTP Title: "Applications of Geographic Information System(GIS)"

		Monday (30/11/2020)	Tuesday (01/12/2020)	Wednesday (02/12/2020)	Thursday (03/12/2020)	Friday (04/12/2020)	Saturday (05/12/2020)
10:00-11:30	Topic	Application of remote sensing and GIS in remote sensing management	RS and GIS applications in water shed management in satara district	Case study in GIS	Analysing Impact of Land Use Land Cover and Climate change on Hydrological Regime of River Basin using Geospatial techniques.	Overview of RS & GIS with 2 case studies	Application of remote sensing and GIS for site selection of Dam
	Resource Person	Dr. Bhaskar R Nikam	Mr. Sudarshan Bobade	Mr. Hrishikesh Mule	Dr. Bhaskar R Nikam	Dr. A. W. Dhawale	Dr. P D. Sabale
12:00-1:30	Topic	Education , Training And Capacity Building In Spreading Awareness Of Rs And Gis	RS GIS Application In water Resource engg	Application of remote sensing and GIS in Irrigation Water management	RS GIS applications in Advance Survey	Assessment and Characterisation of Meteorological Droughts and Analysing its Impact of Hydrology	RS Data acquisition
	Resource Person	Mr. Karthik Nagrajan	Mr. Vaibhav Shrivastva	Dr. Bhaskar R Nikam	Mr. S V Kanitkar	Dr. Bhaskar R Nikam	Dr. Prakash Konka
3:00-4:30	Topic	Remote sensing and GIS in water resource	GIS Application in Civil Engg Structure	RS GIS applications with software demo	RS GIS applications with other than Civil Engineering	RS GIS applications with RS data and GIS software demo	Valedictory function



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



		management					
	Resource Person	Mr. Vaibhav Shrivastva	Mr. Deepak Choksi	Mr. Deepak Choksi	Mr. Kulkarni	Mr. Kulkarni	



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized under 2(f) and 12 (B) by UGC
(Id.No.PU/PN/Engg./093 (1992), AISHE Code No. C-41227
Accredited by NAAC with A+ Grade



SHRI MALOJIRAJE CHHATRAPATI
Honorary Secretary

Dr. D. S. BORMANE
Principal


Date: - 30/12/2019

Certificate of Declaration

To whom so ever it may concern

I hereby declare that below application submitted has not been initiated by the institute for last financial year for benefiting the schemes out of AQIS. This current proposal is unique and is here by certified as true.

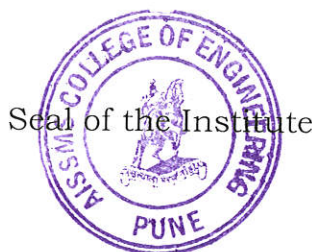
A)	Name of the Institute	All India Shri Shivaji Memorial Society's College of Engineering, 1, Kennedy Road, Pune - 411001
B)	PID of the Institute	1-4279045
C)	AQIS Application ID (2019-20)	1-7075172161
D)	Project Title (2019-20)	Emerging applications in Geographic Information System(GIS)


Applicant's Signature

Dr (Mrs) Vidya Nitin Patil
Associate Professor in Civil Engineering
AISSMS's College of Engineering
Pune - 411 001


Principal's Signature

Dr. D S Bormane
PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001.



Seal of the Institute



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

P R Modak
Co-coordinator, STTP



SHORT TERM TRAINING PROGRAM

FEED BACK FORM

1. AICTE File No. & Date of Offer Letter : Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20
Dated 10 Aug 2020.
2. Name of the Coordinator : Dr. Vidya Patil (Desai)
3. Name and Address of the Institution : All India Shri Shivaji Memorial Society College of
Engineering, Kennedy road, Pune
4. Title of the Faculty Development Programme: Emerging Applications of Geographic Information
System (EAGIS-2020)
5. Dates : Slot 1 : 30th Nov - 05th Dec, 2020
Slot 2 : 7th Dec- 12th Dec, 2020
Slot 3 : 14th Dec -19th Dec, 2020
6. Venue : Online
7. Total No. of participants proposed and actually attended
Proposed = 40 Attended = 48
8. No. and date of the offer letter

Letter No.	Date
Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20	10 Aug 2020

9. : Total amount sanctioned :Rs. 2,82,633/-
10. No. and date of Sanction letter:

Letter No.	Date	Grant Released
Ref. No. 34-66/250/ FDC/STTP/Policy-1/2019-20	10 Aug 2020	Rs. 2,82,633/-

11. Total expenditure incurred in Conducting the Faculty Development Program: Rs. Rs. 2,82,633/-
12. Grant received from various agencies other than AICTE for this FDP

Sl. No.	Name of Agency	Grant Received
	Not applied	
	Total	

13. Details of internal revenue if any generated by the Institution/Department on account of this Programme: NIL

14. Briefly mention about the technological/ academic/or any other benefit generated by conducting this programme with respect to a) the institution, b) the faculty; c) students; d) industry/society.

The program has given new thoughts regarding subject inclusion in the syllabus of civil engineering. Many applications with real case studies were discussed by different level resource personals from industry, institutes and different Government departments of geographic information systems. The sessions were mixing of theory as well as experimental and research work related.

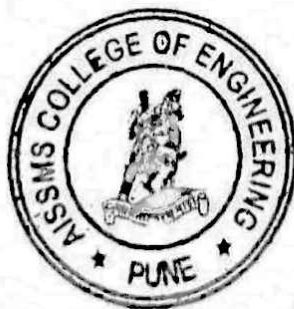
This course has been beneficial to under graduate and post graduate students from civil and computer engineering field. It has given new possible position ideas with GIS post-graduation course certificate. Also this was beneficial to faculties from different branches, Science, Engineering and other.

With this course institute could help in the understanding of loop holes searching tool in projects. Use of GIS and few software found easier to the participants. This Program has opened up several avenues for the research enthusiasts working as faculty members. The quality of work which they are about to pursue infuture with the knowledge they acquired through this Program, would certainly reflect on the enhancement of our student community.

15. The soft as well as hard copy of the detailed study material/proceedings of the programme must be furnished to the Council.



Dr. Vidya Patil (Desai)
Name & Signature of Coordinator



Dr. D. S. Bormane
Name & Signature of Head of Institute
with seal

PRINCIPAL
AISSMS, COE, PUNE-1

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Date under which grant was sanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

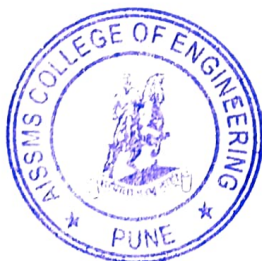


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465



02 FEB 2022

UDINC-22718465AAAAA13121

STATEMENT OF EXPENDITURE

Name & Address of the Institute : AISSMS College of Engineering, Kennedy Road, Pune-1

Name of Co-ordinator : Dr Vidya N Patil

Title of the Programme : Emerging applications of Geographic Information System.

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 / 250 / FDC / STTP / Policy-1/2019-20 dated : 10/08/2020	<u>Rs. 282633/-</u>	1. Honorarium to course coordinator	15,000/-	200	Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020
		2. Honorarium to resource Persons	2,16,000/-		
		3. Honorarium to Lab attendant	9,000/-		
		4. Miscellaneous Charges	28,550/-		
		Total	268550/-		
		Grant Received	282633/-		
		Balance to be Payable	14083/-		



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.
Add.:

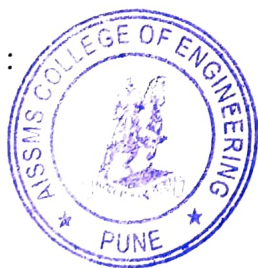


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



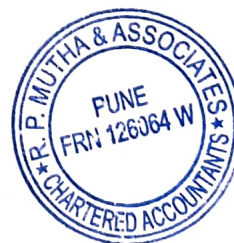
Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



**FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS**


RAKESH P. MUTHA
PARTNER
M. NO. 118465



01 FEB 2022
UDIN-22118465AAAAA13121.

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

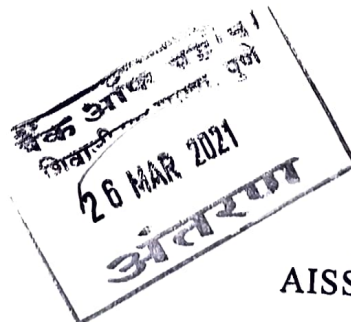
BANK OF BARODA

SAVING ACCOUNT NO.04510100017246

Application of Geographic Information System (GIS)

S N	Name of the Staff	Account Number	Bank Name	IFSC CODE	Amount
1	Mr. Vaibhav Shrivastva	30514511135	State bank of india	SBIN0002584	20000.00
2	Mr. Sheikh Ismail	50200040719389	HDFC Bank	HDFC0002815	16000.00
3	Dr. Bhaskar R Nikam	0111030400000938	Punjab National Bank	PUNB0445600	48000.00
4	Dr. P D Sabale	3052689394	Central Bank of India	CBIN0280664	12000.00
5	Mr. Hrishikesh Mule	31570932931	State bank of india	SBIN0010713	8000.00
6	Mr. Karthik Nagrajan	015101568756	ICICI Bank	ICIC0000334	12000.00
7	Mr. S V Kanitkar	98100100000448	Bank of Baroda	BARB0WADCAM	8000.00
8	Dr. A W Dhawale	30114156106	State bank of india	SBIN0013258	4000.00
9	Mr. Deepak Choksi	10725844743	State bank of india	SBIN0001109	20000.00
10	Sudarshan Bobade	01651000105605	HDFC Bank	HDFC0000165	4000.00
11	Dr. Prakash Konka	60035780141	Bank of Maharashtra	MAHB0000121	12000.00
12	Rushikesh Kulkarni	50100318158386	HDFC Bank	HDFC0000007	8000.00
13	Dr. Ramji Dwivedi	20067765769	State bank of india	SBIN0001161	4000.00
14	Mr. Sacchidanand Singh	31363473189	State bank of india	SBIN0001069	20000.00
15	Dr. Anil Deshpande	030897273892	State bank of india	SBIN0000414	4000.00
16	Mr Pankaj Ramnath Modak	04510100017420	Bank of Baroda	BARB0SHIPOO	12000.00
17	Mr Chetan Shivaji Misal	04510100018394	Bank of Baroda	BARB0SHIPOO	4000.00
TOTAL					216000.00

*Paid by cheque no 00113 dtd 17.03.2021
drawn on Bank of Baroda*



Principal
AISSMS COE PUNE

**AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.04510100017246**

S N	Tran Date	Account Number	Description	Currency	D/C	Amount	Name
1	07.09.2021	04510100017854	Geographic Information System	Indian Rupee	C	15000.00	Dr Vidya Nitin Patil (Desai)
2	07.09.2021	04510100017456		Indian Rupee	C	3000.00	Mr Yuvraj Lalitkumar Gawali
3	07.09.2021	04510100017335		Indian Rupee	C	3000.00	Mr Prashant Dhondiram Nalawade
4	07.09.2021	04510100017378		Indian Rupee	C	3000.00	Mr Ramkumar Sunevara Puwal
			TOTAL ₹			24000.00	

*Paid by cheque no 000115 dtd 02.09.2021
drawn on Bank of Baroda*



Handwritten signature and date 02/9/21

Handwritten signature

**Principal
AISSMS COE PUNE**
o/c

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

BANK OF BARODA

SAVING ACCOUNT NO.4510100017274

S N	Tran Date	Account Number	Description	Currency	D/C	Amount	Name
1	06.07.2021	04510100017274	Hon. Supp. STTP Staff	Indian Rupee	C	6000.00	AISSMS COE PUNE
2	06.07.2021	04510100017196	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Sangita Sudhirsingh Chauhan
3	06.07.2021	04510100017200	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Yuvaraj Hanumant Pasalkar
4	06.07.2021	04510100017190	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Subhash Dadaram Diwate
5	06.07.2021	04510100017424	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Ratnaprabha Kailas Rajgurav
6	06.07.2021	04510100017386	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Sandip Suresh Gurav
7	06.07.2021	04510100017184	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Vitthal Suryabhan Dhobe
8	06.07.2021	04510100017458	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Amol Uttamrao Karne
			TOTAL ₹			18000.00	

**Paid by cheque no 7336 dtd 30.06.2021
drawn on Bank of Baroda Pune-5**


Principal
AISSMS COE PUNE
o/c

बैंक ऑफ बडोदा
शिवानीनगर शाखा, पुणे
06 JUL 2021
अंतरण

AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.4510100017246

SN	Tran Date	Account Number	Description	Currency	D/C	Amount ₹	Name
1	14.10.2021	04510100017420	Exp Miscellaneous for online STTP Prog.	Indian Rupee	C	10550.00	Mr Pankaj Ramnath Modak
			TOTAL ₹			10550.00	

*Paid by cheque no 000118 dtd 06.10.2021
drawn on Bank of Baroda*



[Signature]
Principal
AISSMS COE PUNE



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

P R Modak
Co-coordinator, STTP

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Dateunderwhich grantwassanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

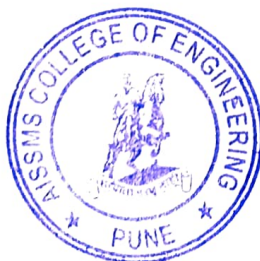


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465



02 FEB 2022

UDINC-22718465AAAAA13121



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



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

on

Emerging Applications of Geographic Information System (EAGIS-2020)

Phase I

30th Nov - 5th Dec

Phase II

7th Dec - 12th Dec

Phase III

14th Dec - 19th Dec

Organised by:

**Department of Civil Engineering,
AISSMS College of Engineering,
Pune- 411001**

Register at

<https://bit.ly/3flA7ae>

Co-ordinator

Dr. Vidya Nitin Patil

Mobile: 9422443243

Email: vnpatil@aiissmscoe.com

**HEAD OF DEPARTMENT
CIVIL ENGINEERING
AISSMS's COE, PUNE-1.**

Co-coordinator

Mr. P. R. Modak

Mobile: 9767449627

Email: prmodak@aiissmscoe.com

About AISSMS College of Engineering

AISSMS College of Engineering, Pune is a co-education Institute established in the year 1992. It offers AICTE approved programs leading to Degree of Bachelor of Engineering (BE) in eight Engineering streams and Master of Engineering (ME) in seven Engineering disciplines. The College is affiliated to Savitribai Phule Pune University, Pune. This College is centrally located in the city of Pune on the sprawling campus of 11.1 acres of land. Institute has made significant and continued strides in terms of building infrastructure, faculty expertise and all round development of students. The College has completed its 25 glorious years of service with quality outcomes in the form of knowledge creation for the country and contributing to its growth. National Assessment and Accreditation Council (NAAC) has recently awarded 'A+' grade for the Institute's robust infrastructure and excellent academic practices.

About AICTE

All India Council for Technical Education (AICTE) is the statutory body and the national level council for technical education in the country. AICTE was formed in November 1945 with the vision to promote development of the

education system in India AICTE as a body responsible for accrediting all post graduate and graduate programmes, and specific categories of technology for Indian institutions. AICTE has various operational region offices in different cities across the country. AICTE provides a co-ordinated effort for development of planning of technical education in India. It is primarily the accrediting authority for institutions, including schools and colleges giving diplomas under graduate and post graduate education. Apart from the accreditation. AICTE also has major involvement in training, research and development of technical education in the country, which includes the variety of study areas like commerce and industry trade, science and engineering, medicine and health care, arts environment architecture, vocational studies. management, hospitality, food science and many more.

Objectives of the STTP

The STTP will provide an interdisciplinary platform for the dissemination of knowledge and practice on all the aspects of GIS and its application areas in Civil Engineering. The objective of STTP is not only to expose the participants to the rapidly growing field of GIS but also to motivate them to take up research in this rapidly growing field of science and technology.

About the STTP

This STTP will help the participants to understand Geographic Information System (GIS) and its scope in future across the globe and in India. Geographic Information System (GIS) is a technology which helps customers to map data and information in a systematic manner and then use that for the purpose of planning and tracking. Civil Engineering and Urban Planning projects involve the management, analysis and integration of large amounts of geographic information to ensure success. GIS is unique system where engineers can analyze, visualize and manage all their data with the vast tools and easy format interchangeability makes engineers plan their work at one stop. GIS provides best solutions for Engineers whether it is Hydrography or Infrastructure or Construction. Integrated approaches in GIS play a rapidly increasing role in the field of hydrology, environment and water resources development. It provides suitable alternatives for efficient management of large and complex databases developed in different model environments. GIS is a tool that not only reduces the time and cost of the site selection, but also provides a digital data bank for future monitoring program of the site. Emerging civil engineering applications in GIS are: Water resources, Environment, Infrastructure Management, Site Analysis, etc.

STTP Coverage

Basic GIS concepts, spatial data models, data structures, image registration, digitization and editing, symbology, thematic mapping, working with raster data, Bing map access, database creation and manipulation, map analysis, geostatistical analysis, 3D GIS, project planning, case studies

Resource Persons

Sessions will be delivered by eminent speakers from industry, academics and research institutes.

Important dates

Last date for receipt of applications is 25.11.2020. Intimation of selection will be communicated through email/WhatsApp by 26.11.2020.

Eligibility

Faculty members from AICTE/UGC affiliated institutes/universities, persons from industries and R & D organizations, research scholars and PG students

Chief Patron

Shri Shahu Chhatrapati Maharaj
President, AISSM Society

Patrons

- **Shri Sambhajiraje Chhatrapati**
Vice-President, AISSM Society
- **Shri Malojiraje Chhatrapati**
Hon. Secretary, AISSM Society

Steering Committee

- **Dr. D. S. Bormane (Chairperson)**
Principal, AISSMS COE, Pune-1.
- **Dr. Vidya Nitin Patil (Member Secretary)**
Associate Professor, Dept of Civil Engineering
- **Dr. P. N. Dange**
Head, Department of Chemical Engineering
- **Dr. D. P. Gaikwad**
Head, Department of Computer Engineering
- **Dr. U. R. Awari (Subject Expert)**
Head, Department of Civil Engineering
- **Dr. M. S. Deshmukh**
Associate Professor, Dept of Mechanical Engineering
- **Mr. P. R. Modak (Co-coordinator)**
Assistant Professor, Dept of Civil Engineering

Organising Committee

All faculty members from Department of Civil Engineering



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



DEPARTMENT OF CIVIL ENGINEERING

AICTE sponsored STTP Title: "Applications of Geographic Information System(GIS)"

		Monday (06/12/2020)	Tuesday (07/12/2020)	Wednesday (08/12/2020)	Thursday (09/12/2020)	Friday (10/12/2020)	Saturday (11/12/2020)
10:00-11:30	Topic	Remote sensing and GIS in water resource management	Application of remote sensing and GIS in remote sensing management	Application of remote sensing and GIS in Irrigation Water management	Analysing Impact of Land Use Land Cover and Climate change on Hydrological Regime of River Basin using Geospatial techniques.	Assessment and Characterisation of Meteorological Droughts and Analysing its Impact of Hydrology	Application of remote sensing and GIS for site selection of Dam
	Resource Person	Mr. Vaibhav Shrivastva	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. P D. Sabale
11:30-1:00	Topic	RS and GIS Application	Case study in GIS	Education , Training And Capacity Building In Spreading Awareness Of Rs And Gis	RS GIs applications in Advance Survey	RS GIS Application In water Resource engg	Overview of RS & GIS with 2 case studies
	Resource Person	Mr. Sheikh Ismail	Mr. Hrishikesh Mule	Mr. Karthik Nagrajan	Mr. S V Kankar	Mr. Vaibhav Shrivastva	Dr. A. W. Dhawale
2:00-3:30	Topic	RS and GIS with software	GIS Application in Civil Engg Structure	RS GIs applications in Survey	RS and GIS applications in water shed management in satara district	RS Data acquisition	RS GIS in WRE
	Resource Person	Mr. Sheikh Ismail	Mr. Deepak Choksi	Mr. S V Kankar	Sudarshan bobade	Dr. Prakash Konka	Mr. Vaibhav Shrivastva

HEAD OF DEPARTMENT
CIVIL ENGINEERING
AISSMS's COE, PUNE-1.



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized under 2(f) and 12 (B) by UGC
(Id.No.PU/PN/Engg./093 (1992), AISHE Code No. C-41227
Accredited by NAAC with A+ Grade



SHRI MALOJIRAJE CHHATRAPATI
Honorary Secretary

Dr. D. S. BORMANE
Principal


Date: - 30/12/2019

Certificate of Declaration

To whom so ever it may concern

I hereby declare that below application submitted has not been initiated by the institute for last financial year for benefiting the schemes out of AQIS. This current proposal is unique and is here by certified as true.

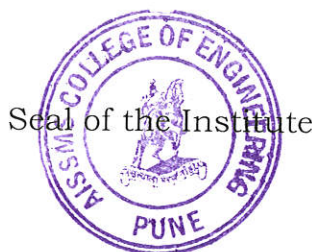
A)	Name of the Institute	All India Shri Shivaji Memorial Society's College of Engineering, 1, Kennedy Road, Pune - 411001
B)	PID of the Institute	1-4279045
C)	AQIS Application ID (2019-20)	1-7075172161
D)	Project Title (2019-20)	Emerging applications in Geographic Information System(GIS)


Applicant's Signature

Dr (Mrs) Vidya Nitin Patil
Associate Professor in Civil Engineering
AISSMS's College of Engineering
Pune - 411 001


Principal's Signature

Dr. D S Bormane
PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001.



Seal of the Institute



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

Modak

P R Modak
Co-coordinator, STTP

Ampte

HEAD OF DEPARTMENT
CIVIL ENGINEERING
AISSMS's COE, PUNE-1.



SHORT TERM TRAINING PROGRAM

FEED BACK FORM

1. AICTE File No. & Date of Offer Letter : Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20
Dated 10 Aug 2020.
2. Name of the Coordinator : Dr. Vidya Patil (Desai)
3. Name and Address of the Institution : All India Shri Shivaji Memorial Society College of
Engineering, Kennedy road, Pune
4. Title of the Faculty Development Programme: Emerging Applications of Geographic Information
System (EAGIS-2020)
5. Dates : Slot 1 : 30th Nov - 05th Dec, 2020
Slot 2 : 7th Dec- 12th Dec, 2020
Slot 3 : 14th Dec -19th Dec, 2020
6. Venue : Online
7. Total No. of participants proposed and actually attended
Proposed = 40 Attended = 48
8. No. and date of the offer letter

Letter No.	Date
Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20	10 Aug 2020

9. : Total amount sanctioned :Rs. 2,82,633/-
10. No. and date of Sanction letter:

Letter No.	Date	Grant Released
Ref. No. 34-66/250/ FDC/STTP/Policy-1/2019-20	10 Aug 2020	Rs. 2,82,633/-

11. Total expenditure incurred in Conducting the Faculty Development Program: Rs. Rs. 2,82,633/-
12. Grant received from various agencies other than AICTE for this FDP

Sl. No.	Name of Agency	Grant Received
	Not applied	
	Total	

13. Details of internal revenue if any generated by the Institution/Department on account of this Programme: NIL

14. Briefly mention about the technological/ academic/or any other benefit generated by conducting this programme with respect to a) the institution, b) the faculty; c) students; d) industry/society.

The program has given new thoughts regarding subject inclusion in the syllabus of civil engineering. Many applications with real case studies were discussed by different level resource personals from industry, institutes and different Government departments of geographic information systems. The sessions were mixing of theory as well as experimental and research work related.

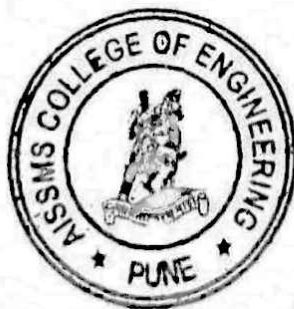
This course has been beneficial to under graduate and post graduate students from civil and computer engineering field. It has given new possible position ideas with GIS post-graduation course certificate. Also this was beneficial to faculties from different branches, Science, Engineering and other.

With this course institute could help in the understanding of loop holes searching tool in projects. Use of GIS and few software found easier to the participants. This Program has opened up several avenues for the research enthusiasts working as faculty members. The quality of work which they are about to pursue infuture with the knowledge they acquired through this Program, would certainly reflect on the enhancement of our student community.

15. The soft as well as hard copy of the detailed study material/proceedings of the programme must be furnished to the Council.



Dr. Vidya Patil (Desai)
Name & Signature of Coordinator



Dr. D. S. Bormane
Name & Signature of Head of Institute
with seal

PRINCIPAL
AISSMS, COE, PUNE-1

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Date under which grant was sanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

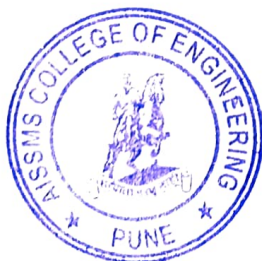


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465



02 FEB 2022

UDINC-22718465AAAAA13121

STATEMENT OF EXPENDITURE

Name & Address of the Institute : AISSMS College of Engineering, Kennedy Road, Pune-1

Name of Co-ordinator : Dr Vidya N Patil

Title of the Programme : Emerging applications of Geographic Information System.

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 / 250 / FDC / STTP / Policy-1/2019-20 dated : 10/08/2020	<u>Rs. 282633/-</u>	1. Honorarium to course coordinator	15,000/-	200	Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020
		2. Honorarium to resource Persons	2,16,000/-		
		3. Honorarium to Lab attendant	9,000/-		
		4. Miscellaneous Charges	28,550/-		
		Total	268550/-		
		Grant Received	282633/-		
		Balance to be Payable	14083/-		



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.
Add.:



Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



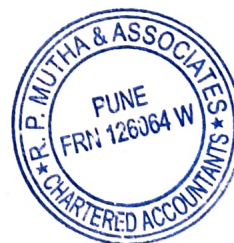
Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



**FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS**


RAKESH P. MUTHA
PARTNER
M. NO. 118465



01 FEB 2022
UDIN-22118465AAAAA13121.

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

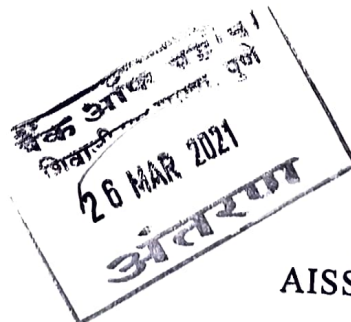
BANK OF BARODA

SAVING ACCOUNT NO.04510100017246

Application of Geographic Information System (GIS)

S N	Name of the Staff	Account Number	Bank Name	IFSC CODE	Amount
1	Mr. Vaibhav Shrivastva	30514511135	State bank of india	SBIN0002584	20000.00
2	Mr. Sheikh Ismail	50200040719389	HDFC Bank	HDFC0002815	16000.00
3	Dr. Bhaskar R Nikam	0111030400000938	Punjab National Bank	PUNB0445600	48000.00
4	Dr. P D Sabale	3052689394	Central Bank of India	CBIN0280664	12000.00
5	Mr. Hrishikesh Mule	31570932931	State bank of india	SBIN0010713	8000.00
6	Mr. Karthik Nagrajan	015101568756	ICICI Bank	ICIC0000334	12000.00
7	Mr. S V Kanitkar	98100100000448	Bank of Baroda	BARB0WADCAM	8000.00
8	Dr. A W Dhawale	30114156106	State bank of india	SBIN0013258	4000.00
9	Mr. Deepak Choksi	10725844743	State bank of india	SBIN0001109	20000.00
10	Sudarshan Bobade	01651000105605	HDFC Bank	HDFC0000165	4000.00
11	Dr. Prakash Konka	60035780141	Bank of Maharashtra	MAHB0000121	12000.00
12	Rushikesh Kulkarni	50100318158386	HDFC Bank	HDFC0000007	8000.00
13	Dr. Ramji Dwivedi	20067765769	State bank of india	SBIN0001161	4000.00
14	Mr. Sacchidanand Singh	31363473189	State bank of india	SBIN0001069	20000.00
15	Dr. Anil Deshpande	030897273892	State bank of india	SBIN0000414	4000.00
16	Mr Pankaj Ramnath Modak	04510100017420	Bank of Baroda	BARB0SHIPOO	12000.00
17	Mr Chetan Shivaji Misal	04510100018394	Bank of Baroda	BARB0SHIPOO	4000.00
TOTAL					216000.00

*Paid by cheque no 00113 dtd 17.03.2021
drawn on Bank of Baroda*



Principal
AISSMS COE PUNE

**AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.04510100017246**

S N	Tran Date	Account Number	Description	Currency	D/C	Amount	Name
1	07.09.2021	04510100017854	Geographic Information System	Indian Rupee	C	15000.00	Dr Vidya Nitin Patil (Desai)
2	07.09.2021	04510100017456		Indian Rupee	C	3000.00	Mr Yuvraj Lalitkumar Gawali
3	07.09.2021	04510100017335		Indian Rupee	C	3000.00	Mr Prashant Dhondiram Nalawade
4	07.09.2021	04510100017378		Indian Rupee	C	3000.00	Mr Ramkumar Sunehara Puwal
			TOTAL ₹			24000.00	

*Paid by cheque no 000115 dtd 02.09.2021
drawn on Bank of Baroda*



Handwritten signature and date 07/9/21

Handwritten signature

**Principal
AISSMS COE PUNE**
o/c

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

BANK OF BARODA

SAVING ACCOUNT NO.4510100017274

S N	Tran Date	Account Number	Description	Currency	D/C	Amount	Name
1	06.07.2021	04510100017274	Hon. Supp. STTP Staff	Indian Rupee	C	6000.00	AISSMS COE PUNE
2	06.07.2021	04510100017196	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Sangita Sudhirsingh Chauhan
3	06.07.2021	04510100017200	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Yuvaraj Hanumant Pasalkar
4	06.07.2021	04510100017190	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Subhash Dadaram Diwate
5	06.07.2021	04510100017424	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Ratnaprabha Kailas Rajgurav
6	06.07.2021	04510100017386	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Sandip Suresh Gurav
7	06.07.2021	04510100017184	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Vitthal Suryabhan Dhobe
8	06.07.2021	04510100017458	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Amol Uttamrao Karne
			TOTAL ₹			18000.00	

**Paid by cheque no 7336 dtd 30.06.2021
drawn on Bank of Baroda Pune-5**


Principal
AISSMS COE PUNE
o/c

बैंक ऑफ बडोदा
शिवाजीनगर शाखा, पुणे
06 JUL 2021
अंतरण

AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.4510100017246

SN	Tran Date	Account Number	Description	Currency	D/C	Amount ₹	Name
1	14.10.2021	04510100017420	Exp Miscellaneous for online STTP Prog.	Indian Rupee	C	10550.00	Mr Pankaj Ramnath Modak
			TOTAL ₹			10550.00	

*Paid by cheque no 000118 dtd 06.10.2021
drawn on Bank of Baroda*



[Signature]
Principal
AISSMS COE PUNE



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

P R Modak
Co-coordinator, STTP

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Dateunderwhich grantwassanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

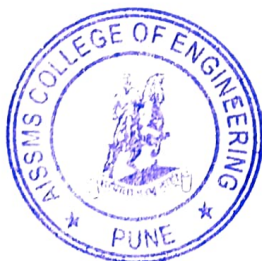


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465

02 FEB 2022

VDINC-22718465AAAAA13121





AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



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

on

Emerging Applications of Geographic Information System (EAGIS-2020)

Phase I

30th Nov - 5th Dec

Phase II

7th Dec - 12th Dec

Phase III

14th Dec - 19th Dec

Organised by:

**Department of Civil Engineering,
AISSMS College of Engineering,
Pune- 411001**

Register at

<https://bit.ly/3flA7ae>

Co-ordinator

Dr. Vidya Nitin Patil

Mobile: 9422443243

Email: vnpatil@aisssmscoe.com

Co-coordinator

Mr. P. R. Modak

Mobile: 9767449627

Email: prmodak@aisssmscoe.com

About AISSMS College of Engineering

AISSMS College of Engineering, Pune is a co-education Institute established in the year 1992. It offers AICTE approved programs leading to Degree of Bachelor of Engineering (BE) in eight Engineering streams and Master of Engineering (ME) in seven Engineering disciplines. The College is affiliated to Savitribai Phule Pune University, Pune. This College is centrally located in the city of Pune on the sprawling campus of 11.1 acres of land. Institute has made significant and continued strides in terms of building infrastructure, faculty expertise and all round development of students. The College has completed its 25 glorious years of service with quality outcomes in the form of knowledge creation for the country and contributing to its growth. National Assessment and Accreditation Council (NAAC) has recently awarded 'A+' grade for the Institute's robust infrastructure and excellent academic practices.

About AICTE

All India Council for Technical Education (AICTE) is the statutory body and the national level council for technical education in the country. AICTE was formed in November 1945 with the vision to promote development of the

education system in India AICTE as a body responsible for accrediting all post graduate and graduate programmes, and specific categories of technology for Indian institutions. AICTE has various operational region offices in different cities across the country. AICTE provides a co-ordinated effort for development of planning of technical education in India. It is primarily the accrediting authority for institutions, including schools and colleges giving diplomas under graduate and post graduate education. Apart from the accreditation. AICTE also has major involvement in training, research and development of technical education in the country, which includes the variety of study areas like commerce and industry trade, science and engineering, medicine and health care, arts environment architecture, vocational studies. management, hospitality, food science and many more.

Objectives of the STTP

The STTP will provide an interdisciplinary platform for the dissemination of knowledge and practice on all the aspects of GIS and its application areas in Civil Engineering. The objective of STTP is not only to expose the participants to the rapidly growing field of GIS but also to motivate them to take up research in this rapidly growing field of science and technology.

About the STTP

This STTP will help the participants to understand Geographic Information System (GIS) and its scope in future across the globe and in India. Geographic Information System (GIS) is a technology which helps customers to map data and information in a systematic manner and then use that for the purpose of planning and tracking. Civil Engineering and Urban Planning projects involve the management, analysis and integration of large amounts of geographic information to ensure success. GIS is unique system where engineers can analyze, visualize and manage all their data with the vast tools and easy format interchangeability makes engineers plan their work at one stop. GIS provides best solutions for Engineers whether it is Hydrography or Infrastructure or Construction. Integrated approaches in GIS play a rapidly increasing role in the field of hydrology, environment and water resources development. It provides suitable alternatives for efficient management of large and complex databases developed in different model environments. GIS is a tool that not only reduces the time and cost of the site selection, but also provides a digital data bank for future monitoring program of the site. Emerging civil engineering applications in GIS are: Water resources, Environment, Infrastructure Management, Site Analysis, etc.

STTP Coverage

Basic GIS concepts, spatial data models, data structures, image registration, digitization and editing, symbology, thematic mapping, working with raster data, Bing map access, database creation and manipulation, map analysis, geostatistical analysis, 3D GIS, project planning, case studies

Resource Persons

Sessions will be delivered by eminent speakers from industry, academics and research institutes.

Important dates

Last date for receipt of applications is 25.11.2020. Intimation of selection will be communicated through email/WhatsApp by 26.11.2020.

Eligibility

Faculty members from AICTE/UGC affiliated institutes/universities, persons from industries and R & D organizations, research scholars and PG students

Chief Patron

Shri Shahu Chhatrapati Maharaj
President, AISSM Society

Patrons

- **Shri Sambhajiraje Chhatrapati**
Vice-President, AISSM Society
- **Shri Malojiraje Chhatrapati**
Hon. Secretary, AISSM Society

Steering Committee

- **Dr. D. S. Bormane (Chairperson)**
Principal, AISSMS COE, Pune-1.
- **Dr. Vidya Nitin Patil (Member Secretary)**
Associate Professor, Dept of Civil Engineering
- **Dr. P. N. Dange**
Head, Department of Chemical Engineering
- **Dr. D. P. Gaikwad**
Head, Department of Computer Engineering
- **Dr. U. R. Awari (Subject Expert)**
Head, Department of Civil Engineering
- **Dr. M. S. Deshmukh**
Associate Professor, Dept of Mechanical Engineering
- **Mr. P. R. Modak (Co-coordinator)**
Assistant Professor, Dept of Civil Engineering

Organising Committee

All faculty members from Department of Civil Engineering



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade

DEPARTMENT OF CIVIL ENGINEERING



AICTE sponsored STTP Title: "Applications of Geographic Information System(GIS)"

		Monday (14/12/2020)	Tuesday (15/12/2020)	Wednesday (16/12/2020)	Thursday (17/12/2020)	Friday (18/12/2020)	Saturday (19/12/2020)
10:00-11:30	Topic	Introduction Remote sensing and GIS	Application of remote sensing and GIS in remote sensing management	Application of remote sensing and GIS in Irrigation Water management	Analysing Impact of Land Use Land Cover and Climate change on Hydrological Regime of River Basin using Geospatial techniques.	Assessment and Characterisation of Meteorological Droughts and Analysing its Impact of Hydrology	Application of remote sensing and GIS for site selection of Dam
	Resource Person	Dr. Prakash Konka	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. Bhaskar R Nikam	Dr. P D. Sabale
11:30-1:00	Topic	RS and GIS Application	RS and GIS with software with data acquisition	RS GIS Data with Software	GPS operations	RS GIS applications with other than Civil Engineering	Applications of GPS
	Resource Person	Mr. Vaibhav Shrivastva	Mr. Sheikh Ismail	Mr. Sheikh Ismail	Dr. Ramji Dwivedi	Mr. Rushikesh Kulkarni	Dr. Ramji Dwivedi
2:00-3:30	Topic	RS and GIS with software	GIS Applications	Demo with GIS Softwares	RS and GIS applications in disaster management	RS and GIS with software	Valedictory function
	Resource Person	Mr. Sacchhidanand Singh	Mr. Deepak Choksi	Mr. Deepak Choksi	Dr. Anil Deshpande	Mr. Sacchhidanand Singh	



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized under 2(f) and 12 (B) by UGC
(Id.No.PU/PN/Engg./093 (1992), AISHE Code No. C-41227
Accredited by NAAC with A+ Grade



SHRI MALOJIRAJE CHHATRAPATI
Honorary Secretary

Dr. D. S. BORMANE
Principal

Date: - 30/12/2019

Certificate of Declaration

To whom so ever it may concern

I hereby declare that below application submitted has not been initiated by the institute for last financial year for benefiting the schemes out of AQIS. This current proposal is unique and is here by certified as true.

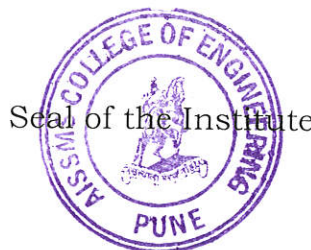
A)	Name of the Institute	All India Shri Shivaji Memorial Society's College of Engineering, 1, Kennedy Road, Pune - 411001
B)	PID of the Institute	1-4279045
C)	AQIS Application ID (2019-20)	1-7075172161
D)	Project Title (2019-20)	Emerging applications in Geographic Information System(GIS)


Applicant's Signature

Dr (Mrs) Vidya Nitin Patil
Associate Professor in Civil Engineering
AISSMS's College of Engineering
Pune - 411 001


Principal's Signature

Dr. D S Bormane
PRINCIPAL
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF ENGINEERING
KENNEDY ROAD, PUNE-411 001.





AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

P R Modak
Co-coordinator, STTP



SHORT TERM TRAINING PROGRAM

FEED BACK FORM

1. AICTE File No. & Date of Offer Letter : Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20
Dated 10 Aug 2020.
2. Name of the Coordinator : Dr. Vidya Patil (Desai)
3. Name and Address of the Institution : All India Shri Shivaji Memorial Society College of
Engineering, Kennedy road, Pune
4. Title of the Faculty Development Programme: Emerging Applications of Geographic Information
System (EAGIS-2020)
5. Dates : Slot 1 : 30th Nov - 05th Dec, 2020
Slot 2 : 7th Dec- 12th Dec, 2020
Slot 3 : 14th Dec -19th Dec, 2020
6. Venue : Online
7. Total No. of participants proposed and actually attended
Proposed = 40 Attended = 48
8. No. and date of the offer letter

Letter No.	Date
Ref. No. 34-66/250/FDC/STTP/Policy-1/2019-20	10 Aug 2020

9. : Total amount sanctioned :Rs. 2,82,633/-
10. No. and date of Sanction letter:

Letter No.	Date	Grant Released
Ref. No. 34-66/250/ FDC/STTP/Policy-1/2019-20	10 Aug 2020	Rs. 2,82,633/-

11. Total expenditure incurred in Conducting the Faculty Development Program: Rs. Rs. 2,82,633/-
12. Grant received from various agencies other than AICTE for this FDP

Sl. No.	Name of Agency	Grant Received
	Not applied	
	Total	

13. Details of internal revenue if any generated by the Institution/Department on account of this Programme: NIL

14. Briefly mention about the technological/ academic/or any other benefit generated by conducting this programme with respect to a) the institution, b) the faculty; c) students; d) industry/society.

The program has given new thoughts regarding subject inclusion in the syllabus of civil engineering. Many applications with real case studies were discussed by different level resource personals from industry, institutes and different Government departments of geographic information systems. The sessions were mixing of theory as well as experimental and research work related.

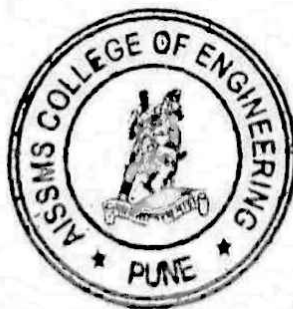
This course has been beneficial to under graduate and post graduate students from civil and computer engineering field. It has given new possible position ideas with GIS post-graduation course certificate. Also this was beneficial to faculties from different branches, Science, Engineering and other.

With this course institute could help in the understanding of loop holes searching tool in projects. Use of GIS and few software found easier to the participants. This Program has opened up several avenues for the research enthusiasts working as faculty members. The quality of work which they are about to pursue infuture with the knowledge they acquired through this Program, would certainly reflect on the enhancement of our student community.

15. The soft as well as hard copy of the detailed study material/proceedings of the programme must be furnished to the Council.



Dr. Vidya Patil (Desai)
Name & Signature of Coordinator



Dr. D. S. Bormane
Name & Signature of Head of Institute
with seal

PRINCIPAL
AISSMS, COE, PUNE-1

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Date under which grant was sanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

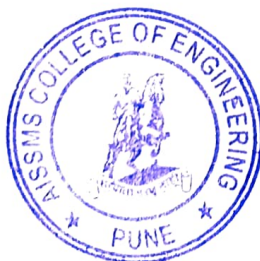


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465



02 FEB 2022

UDINC-22718465AAAAA13121

STATEMENT OF EXPENDITURE

Name & Address of the Institute : AISSMS College of Engineering, Kennedy Road, Pune-1

Name of Co-ordinator : Dr Vidya N Patil

Title of the Programme : Emerging applications of Geographic Information System.

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 / 250 / FDC / STTP / Policy-1/2019-20 dated : 10/08/2020	<u>Rs. 282633/-</u>	1. Honorarium to course coordinator	15,000/-	200	Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020
		2. Honorarium to resource Persons	2,16,000/-		
		3. Honorarium to Lab attendant	9,000/-		
		4. Miscellaneous Charges	28,550/-		
		Total	268550/-		
		Grant Received	282633/-		
		Balance to be Payable	14083/-		



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.
Add.:



Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



**FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS**


RAKESH P. MUTHA
PARTNER
M. NO. 118465



01 FEB 2022
UDIN-22118465AAAAA13121.

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

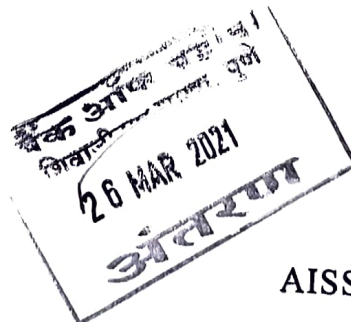
BANK OF BARODA

SAVING ACCOUNT NO.04510100017246

Application of Geographic Information System (GIS)

S N	Name of the Staff	Account Number	Bank Name	IFSC CODE	Amount
1	Mr. Vaibhav Shrivastva	30514511135	State bank of india	SBIN0002584	20000.00
2	Mr. Sheikh Ismail	50200040719389	HDFC Bank	HDFC0002815	16000.00
3	Dr. Bhaskar R Nikam	0111030400000938	Punjab National Bank	PUNB0445600	48000.00
4	Dr. P D Sabale	3052689394	Central Bank of India	CBIN0280664	12000.00
5	Mr. Hrishikesh Mule	31570932931	State bank of india	SBIN0010713	8000.00
6	Mr. Karthik Nagrajan	015101568756	ICICI Bank	ICIC0000334	12000.00
7	Mr. S V Kanitkar	98100100000448	Bank of Baroda	BARB0WADCAM	8000.00
8	Dr. A W Dhawale	30114156106	State bank of india	SBIN0013258	4000.00
9	Mr. Deepak Choksi	10725844743	State bank of india	SBIN0001109	20000.00
10	Sudarshan Bobade	01651000105605	HDFC Bank	HDFC0000165	4000.00
11	Dr. Prakash Konka	60035780141	Bank of Maharashtra	MAHB0000121	12000.00
12	Rushikesh Kulkarni	50100318158386	HDFC Bank	HDFC0000007	8000.00
13	Dr. Ramji Dwivedi	20067765769	State bank of india	SBIN0001161	4000.00
14	Mr. Sacchidanand Singh	31363473189	State bank of india	SBIN0001069	20000.00
15	Dr. Anil Deshpande	030897273892	State bank of india	SBIN0000414	4000.00
16	Mr Pankaj Ramnath Modak	04510100017420	Bank of Baroda	BARB0SHIPOO	12000.00
17	Mr Chetan Shivaji Misal	04510100018394	Bank of Baroda	BARB0SHIPOO	4000.00
TOTAL					216000.00

*Paid by cheque no 00113 dtd 17.03.2021
drawn on Bank of Baroda*



Principal
AISSMS COE PUNE

**AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.04510100017246**

S N	Tran Date	Account Number	Description	Currency	D/C	Amount ₹	Name
1	07.09.2021	04510100017854	Geographic Information System	Indian Rupee	C	15000.00	Dr Vidya Nitin Patil (Desai)
2	07.09.2021	04510100017456		Indian Rupee	C	3000.00	Mr Yuvraj Lalitkumar Gawali
3	07.09.2021	04510100017335		Indian Rupee	C	3000.00	Mr Prashant Dhondiram Nalawade
4	07.09.2021	04510100017378		Indian Rupee	C	3000.00	Mr Ramkumar Sunevara Puwal
			TOTAL ₹			24000.00	

*Paid by cheque no 000115 dtd 02.09.2021
drawn on Bank of Baroda*



Handwritten signature and date 02/9/21

Handwritten signature

**Principal
AISSMS COE PUNE**
o/c

AISSMS, COLLEGE OF ENGINEERING, PUNE 411 001.

BANK OF BARODA

SAVING ACCOUNT NO.4510100017274

S N	Tran Date	Account Number	Description	Currency	D/C	Amount	Name
1	06.07.2021	04510100017274	Hon. Supp. STTP Staff	Indian Rupee	C	6000.00	AISSMS COE PUNE
2	06.07.2021	04510100017196	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Sangita Sudhirsingh Chauhan
3	06.07.2021	04510100017200	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Yuvaraj Hanumant Pasalkar
4	06.07.2021	04510100017190	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Subhash Dadaram Diwate
5	06.07.2021	04510100017424	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Ms Ratnaprabha Kailas Rajgurav
6	06.07.2021	04510100017386	Hon. Supp. STTP Staff	Indian Rupee	C	1200.00	Mr Sandip Suresh Gurav
7	06.07.2021	04510100017184	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Vitthal Suryabhan Dhobe
8	06.07.2021	04510100017458	Hon. Supp. STTP Staff	Indian Rupee	C	3000.00	Mr Amol Uttamrao Karne
			TOTAL ₹			18000.00	

**Paid by cheque no 7336 dtd 30.06.2021
drawn on Bank of Baroda Pune-5**


Principal
AISSMS COE PUNE
o/c

बैंक ऑफ बडोदा
शिवाजीनगर शाखा, पुणे
06 JUL 2021
अंतरण

AISSMS COLLEGE OF ENGINEERING
BANK OF BARODA
SAVING ACCOUNT NO.4510100017246

SN	Tran Date	Account Number	Description	Currency	D/C	Amount ₹	Name
1	14.10.2021	04510100017420	Exp Miscellaneous for online STTP Prog.	Indian Rupee	C	10550.00	Mr Pankaj Ramnath Modak
			TOTAL ₹			10550.00	

*Paid by cheque no 000118 dtd 06.10.2021
drawn on Bank of Baroda*



[Signature]
Principal
AISSMS COE PUNE



AISSMS

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Recognized by
Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
and recognized 2(f) and 12(B) by UGC (Id.No. PU / PN/ Engg. / 093 (1992)
Accredited by NAAC with 'A+' Grade



Date: 11.02.2021

STTP REPORT ON “Emerging Applications of Geographic Information System”

One week Short term training Programme sponsored by AICTE was organised by Department of civil Engineering AISSM Society's College of Engineering, Pune in three phases on “Emerging applications of Geographic information system” from 30th November to 19th December, 2020. Around 300 participants registered for the STTP with a good blend of participation from industry and academia. Here is the detailed report on how the proceedings went during the three phases of STTP.

Inaugural session for phase I was done with initial announcements and welcoming of all dignitaries, guests and participant faculty members by Mrs K N Kulkarni. It was followed by briefing about entire FDP and upcoming program details by the Coordinator Dr. V N Patil. Dr. U R Awari, Head of the Department, Civil Engineering addressed the attendees and gave an overview about Department of Civil Engineering, AISSMS COE, Pune. This was followed by address from Dr. D S Bormane, Principal, AISSMS'COE, Pune. He also put an insight on achievements of AISSMS COE, and officially initiated the program. Chief Guest for Inaugural session was Dr. Bhaskar Nikam from IIRS Dehradun. He continued with his key note address for the first session.

In all eighteen sessions were conducted in the first phase with speakers from industry, academics and research institutes. The sessions included case studies on remote sensing and GIS applications in various fields of engineering. At the end of sessions, assessment test was conducted for the participants with 60 % marks required for passing the test. Similarly, the next two phases were conducted. The smooth conduction of the STTP was possible due to the efforts of Dr. V N Patil, Coordinator; Prof. P R Modak, Co-coordinator; Prof. K N Kulkarni, Prof. S P Khedekar, Prof. C S Misal, Prof. K D Kashid, Members of organising team.

P R Modak
Co-coordinator, STTP

UTILIZATION CERTIFICATE

Name of the Scheme under which Grant was sanctioned : **AICTE Quality Improvement Scheme**

Name & Address of the Institute : **AISSMS College of Engineering, Kennedy Road, Pune-1**

Name of Co-ordinator : **Dr. Vidya N Patil**

Date of Programme : Phase I : 30/11/2020 to 05/12/2020, Phase II : 07/12/2020 to 12/12/2020 , Phase III : 14/12/2020 to 19/12/2020

Title of the Programme : **Emerging applications of Geographic Information System.**

Sl. No.	AICTE Sanction Order/LetterNo. & Date under which grant was sanctioned	Amount (Rs.)	Particular
1.	34-66/250/FDC/STTP/Policy-1/2019-20, dated : 10/08/2020	<u>282633/-</u>	Certified that out of the grant-in-aid of Rs.282633/- (Two Laks Eighty Two Thousand Six hundred Thirty Three Only) sanctioned by the AICTE during the financial year 2020-21 in favour of All India Shri Shivaji Memorial Society's College Of Engineering as per letter mentioned in the margin, Rs.0.0 on account of unspent balance of previous year, Rs.0.0 on account of other income/receipts, a sum of Rs.268550/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 14083/- 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 :-

1. Audited Annual Accounts of the Institute.
2. Receipt and Payment account.



Dr. V N Patil
Co-ordinator
AISSMS COE
Kennedy Road
Pune-1

.....
Chartered Accountant
Membership No.

Add.:

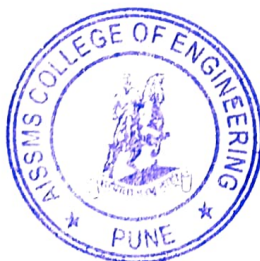


Mrs. S S Chouhan
FAO
AISSMS COE
Kennedy Road
Pune-1



Dr. D S Bormane
Principal
AISSMS COE
Kennedy Road
Pune-1

STAMP :



FOR R. P. MUTHA & ASSOCIATES
CHARTERED ACCOUNTANTS



RAKESH P. MUTHA
PARTNER
M. NO. 118465



02 FEB 2022

UDINC-22718465AAAAA13121



Webinar Report

TITLE OF THE WEBINAR- Patent Process Overview

ACTIVITY LEVEL- National level, organized by Department of Mechanical Engineering, AISSMS College of Engineering, Pune.

SPEAKER- Mrs. Preethi Narayanan, Consultant (IPR and Copyright).

DATE- 24th May 2021, 3:00 PM

PLATFORM- Microsoft Teams

STUDENT COORDINATORS- Monali Patil

-Sagar Bhong

FACULTY COORDINATORS- Dr. D. Y. Dhande

- Mr. M. P. Bauskar

TOTAL NO OF ATTENDEES – 293 attendees which includes Students & Faculties in the webinar.

OBJECTIVE OF THE WEBINAR- 1) To know the process of filling patent.
2) To know various forms required to do filling of patent in India.
3) To know how e-filling is done.

OUTCOME- Participants understood patent filling process in India, also came to know various form required to file the patent, along with that how one can file patent. Participants also understood difference between e-filing and offline filing. It also explained the various forms required to do filing patent in India.

Brochure



INSTITUTION'S INNOVATION COUNCIL
University of Pune

AISSMS COLLEGE OF ENGINEERING
PUNE

Department of Mechanical Engineering
Organises a National Level Webinar In Association with IQAC and IIC Cell on

Patent Process Overview

Time : 3 PM IST
Date : 24/05/2021, Monday
Platform : Microsoft Teams
Registration Link :
<https://forms.gle/TGj3LBckZbdr2yXD8>

Student Coordinator :
Monali Patil Sagar Bhong

Faculty Coordinators :
Dr. D Y Dhande Mr. M P Bauskar

Dr. V N Patil
IIC Coordinator

Dr. B D Bachchhav
Head of Department

Dr. C S Choudhari
IQAC Coordinator

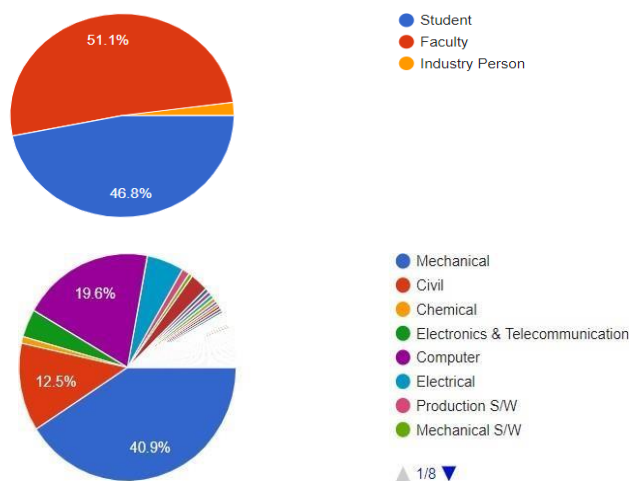
Dr. D S Bormane
Principal

Department Vision: To be Recognized as Premier Centre in the field of Mechanical Engineering Education

Speaker
Mrs. Preethi Narayanan
Sr. Consultant (IPR and Copyright)

www.aiissmscoe.com

TOTAL NO OF ATTENDEES & BRANCHES (293)



Group Photo



Certificate



Sagar Parshuram Bhong
Head of Department
Mechanical Engineering
AISSMS, COE, PUNE.



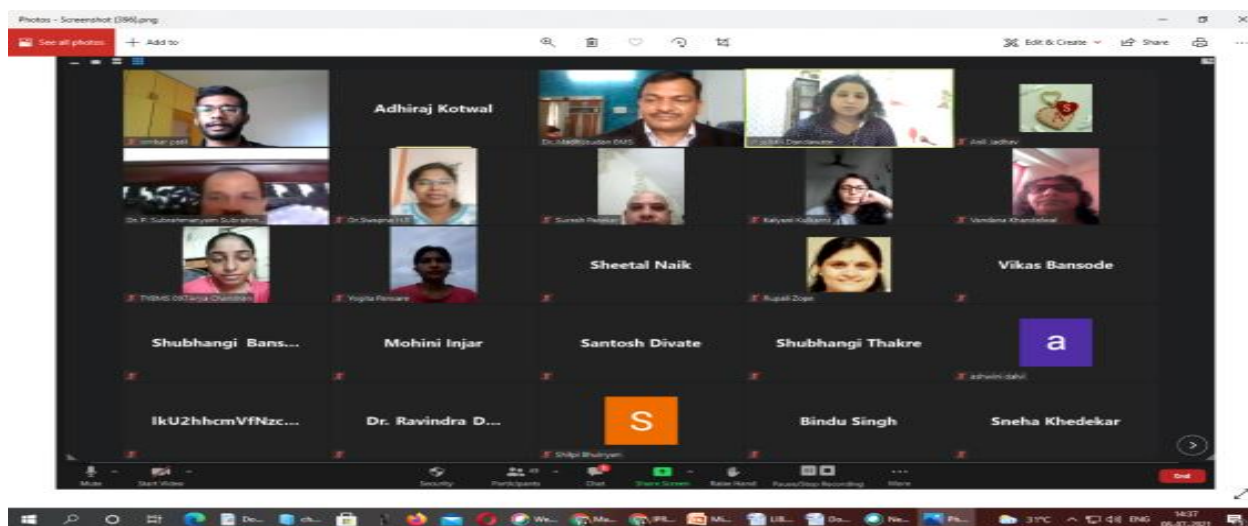
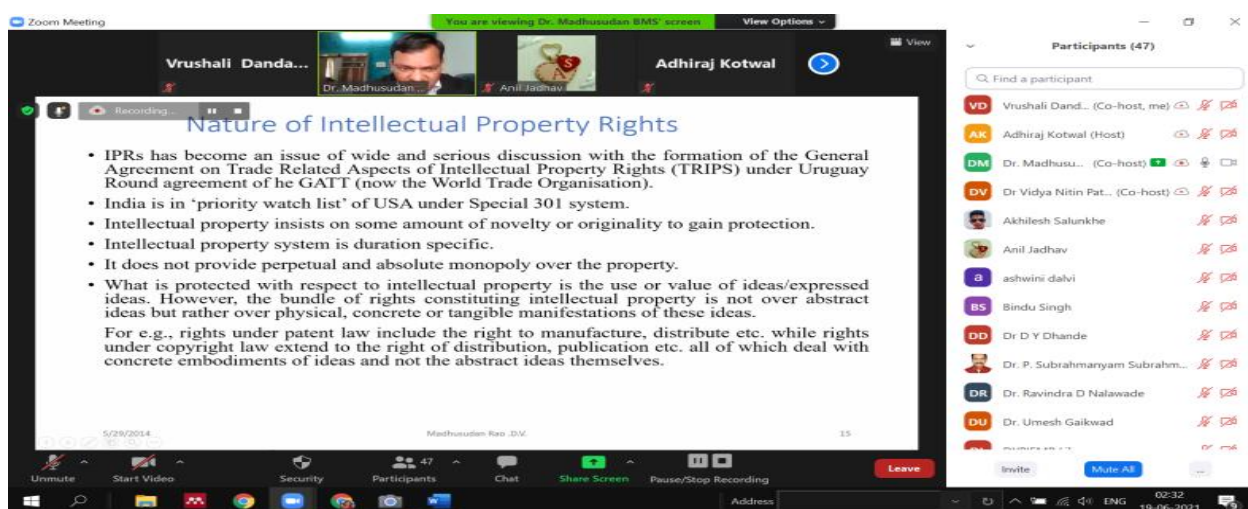
AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU / PN/ Engg. / 093 (1992)
(Accredited by NAAC with grade A+)



Report Intellectual Property Rights 19 June 2021

To promote the awareness of IPR among students and faculty webinar is conducted on "Intellectual Property Rights" activity conducted online. Total 86 Students and faculty attended this program. Dr Madhusudan Dratika (Professor Jain University) was chief Guest for this webinar. Mrs V S Dandawate was organizer of this event.



Dr Dratika presenting on IPR

Webinar participants

Vsdandawate

