



# AISSMS

COLLEGE OF ENGINEERING

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## Best Practice 1

### Integrative Learning of Students through Clubs and Chapters

#### INDEX

Sr. No.	Contents
1.	Description
2.	Activities Organised in AY 2022-2023
3.	Activities Organised in AY 2021-2022
4.	Activities Organised in AY 2020-2021
5.	Activities Organised in AY 2019-2020
6.	Activities Organised in AY 2018-2019
7.	Evidences of Success



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## Best Practice 1

### Title of the Practice: Integrative Learning of Students through Clubs and Chapters

#### Objectives of the Practice:

- To facilitate holistic development of students.
- To foster creative thinking and innovative problem-solving abilities.
- To enhance managerial capabilities through diverse roles, promoting a comprehensive educational approach beyond academics.
- To enable the students to develop a sense of culture and values.
- Nurturing strong sense of social self-directed learning and communication skills.

#### The Context:

- Institute being an affiliated Institute, Student have a limitation of hands-on learning opportunities.
- Student centric activities provide opportunities for the overall development of the students.
- Clubs and chapters play a vital role in nurturing a strong sense of community, empowering self-directed learning, and enhancing communication skills.
- The student-centric activities at institute leverage technology for interactive learning, emphasizing both theoretical comprehension and practical application.
- Through these activities, institute receives accolades at state, national, and international levels.

#### The Practice:

- The chapter and clubs are formed according to the technological and social requirements.
- Session are organized to Aware Students about different chapters and clubs.
- Faculty advisors are appointed to guide and ensure the execution.
- The students are guided for solving multidisciplinary problems by academic as well as industry experts.
- The participating students are instructed well in advance about the format, conduct and assessment methodologies.
- The requisite provision of fund is provided by institute, Professional bodies and sponsors.
- The commitment to strengthen industry-institute interaction is evident in the organization of expert lectures, workshops, and industrial visits.
- These events inculcate learning habits, foster creativity and innovation, promote project-based learning, strengthen industry-institute interaction, ensure continuous quality improvement, develop entrepreneurship skills, nurturing teamwork, catalyzing all-round student development, and contributing to sustainable development through technology while participating at University, State, National and International levels

In essence, unique approach to hosting professional student chapters and clubs reflects a commitment to holistic education and development.

#### Evidence of Success:

Institute has fostered a culture of remarkable success, evident in students consistently securing prestigious national and international awards, showcasing the Institution's commitment to holistic student development. The SAE club's victories in renowned events, winning the IE(I) National Best Students' Chapter Award for nine times highlight the practical skills instilled. Internationally, student achievements through the IUCEE chapter and SAE Aerodesign & TRIZ chapter reflect institutes global impact. 'Kavyansh' receiving the Best Magazine award. Over the past two decades, student clubs have amassed numerous awards 34 (2018-19), 36 (2019-20), 10 (2020-21), 36 (2021-22), and 62 (2022-23), 17 (2023-24) with mBaja and REEV teams securing the All India Rank One Prize, SESI Chapter won awards for maximizing Solar literacy.

### **Problems Encountered and Resources Required**

- Leadership turnovers between academic years are effectively managed with involvement of experienced senior students and alumni, ensuring seamless transitions.
- Maximizing student and activity involvement poses financial challenges for managing club finances. The institute tackles these challenges adeptly by providing adequate funding and sponsorships.
- Problem in getting visa for international competitions.
- Academic calendar management challenges addressed through better planning.
- Late-hour work raises parental permission challenges, but Institute security and care address them.

The dedication and success of institute Clubs and Chapters features the institution's commitment to holistic student development and excellence in education.



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## Activities Conducted under Club and Chapters Year 2022-23

Sr No	Name of the Activity	Date of Conduction	No. of participants
1	Entrepreneur Development Skill	03/11/2022	34
2	Application of POLYMATH	21/09/2022 to 25/09/2022	73
3	Webinar on "E - Resources: A Gateway to Research".	10/11/2022	38
4	Parent Meet	06/05/2023	23
5	Poster Presentation Competition	16/05/2023	121
6	Industrial Trip at "Maharashtra State Load Dispatch Center"	10/05/2023	54
7	Industrial Trip at "Hydro Power Plant Ghatghar"	12/11/2022	23
8	Guest Lecture on "Microcontroller Devices used in electric vehicles"	08/05/2023	48
9	Motivational Talk	28/07/2023	52
10	Industrial Visit at "Gayatri Engineers"	25/07/2022	77
11	Visit to "Metro Substation Pimpri"	25/08/2022	35
12	Visit to "Solar Panel"	01/09/2022	36
13	Workshop on "Fabrication of single phase AC Voltage controller"	30/08/2022	77
14	Expert Lecture on "Transformer Maintenance"	22/09/2023	65
15	Guest Lecture on "Career Opportunities in Energy Audit"	21/09/2022	55
16	Industrial Vist at "Wipro-Pari Shirwal"	01/10/2022	84
17	Expert lecture on "Embedded System and Applications"	14/10/2022	77



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18	Expert lecture on "Multilevel Inverter"	17/10/2022	50
19	Expert Lecture on "Stress Management"	28/11/2022	60
20	Expert Lecture on "Digital Memories and logic families"	10/12/2022	55
21	Industrail Visit at "Prayag Electricals Pvt Ltd,Pirangut,Mulashi"	09/12/2022	65
22	Industrial Vist at "Bhatgar Hydroelectric Power Station"	10/12/2022	37
23	Social Activity on "Tree Plantation at Kalyan Village under NSS Residiantial Camp"	13/02/2023	25
24	Expert lecture on "Preparation for Higher Studies"	18/02/2023	50
25	Industrial visit at "MahaMetro Garware Station"	22/02/2023	47
26	Extension activity on "Philosophy of Karma and Understanding of Self"	17/03/2023	45
27	Extension activity on "Professional Ethics"	20/03/2023	54
28	Expert Lecture on "Professional Ethics"	19/02/2023	55
29	Expert Lecture on "Higher Studies"	21/03/2023	55
30	Extension activity on "Higher Studies Abroad"	21/03/2023	100
31	Industrial Visit at "ITI Boribhadak," Pune	22/03/2023	40
32	Indutrial Visit at "Ghorpadi Diesel Loco shed, Pune"	12/04/2023	49
33	Workshop on "Matlab"	24/4/2023 to 26/04/2023	70
34	Expert Lecture on" Maharashtra Power Sector Scenorio"	24/04/2023	51
35	Expert Lecture on "Electrical Vehicle Policy and job opportunities"	18/04/2023	77
36	Expert Lecture on "Python Programming for Descarte rule pf Signs"	06/05/2023	41



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37	Expert Lecture on "Electrical Vehicle"	18/05/2023	78
38	Workshop on " PLC and SCADA"	11/11/2022 to 12/11/2022	31
39	Extension activity on "Philosophy of Karma and Understanding of Self "	17/03/2023	45
40	Workshop on "Fabrication of Buck converters in association with Institute of Engineer, India"	30/08/2022	60
41	Poster Presentation Competition	16/05/2023	121
42	Industrial visit at "SLDC kalawa, Navi Mumbai"	10/05/2023	54
43	IWWA Annual Convention (Poster Presentation)	22/01/2023	5
44	Mr. S D Mande Memorial Lecture Series & The Expert Talk "Water and Urbanization"	12/12/2022	58
45	Engineer's Day Celebration 2022 and Expert Talk on "Structural Geology for Civil Engineers"	15/09/2022	65
46	Quiz competition on "Geotechnical Engineering"	30/04/2022	50
47	Expert talk on "Identifying Intellectual Property Right component at the early stage of Innovation"	09/03/2022	75
48	Celebration of Innovation week , Expert talk on "Application of RS & GIS in the field of Environmental Engineering"	17/02/2023	46
49	Guest Lecture on "Life and times of Civil Engineers"	30/01/2023	72
50	Expert Lecture on "Solar Energy and Sustainable Goals"	20/09/2023	124
51	Motivational talk	19/09/2022	98
52	Quiz on "Structural Analysis"	07/09/2022	54
53	Celebration of Teachers Day	05/09/2022	120
54	Expert Lecture on "Advances in databases"	07/11/2022	57



  
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55	Industry Visit at "Science park"	18/11/2022	110
56	Expert Talk on "Digital electronics and logic design"	06/12/2023	57
57	Expert Talk on "Introduction to c++-II"	06/05/2023	28
58	Expert Talk on "Introduction to c++"	03/05/2023	51
59	AI Workshop	12/01/2023	40
60	Virtual quiz on the occasion of Indian Army Day	15/01/2022	86
61	Webinar on "Mentorship & Interactive session on how to excel in Hackathons"	26/12/2022	50
62	Debate Competition	10/03/2023	18
63	Social Visit to "Sindhu Vidhyabhavan"	29/03/2023	33
64	Social Visit to "Bal Kalyan Sanstha "	29/07/2022	80
65	Slogan Competition on the occasion of Azadi ka Amrit Mahotsav	15/08/2023	50
66	Webinar on "Benefits of IEEE Membership"	08/09/2022	100
67	IEEE Membership Drive A.Y. 22-23 (Phase-1)	01/09/2022 to 30/09/2022	20
68	IEEE Day 2022 Celebration	17/10/2022	50
69	Industrial Visit at "Dankel Tech Pvt. Ltd. Pune"	07/11/2022	80
70	Session on "Preparation for Placements"	14/03/2023	50
71	Session on "Career Guidance in Management"	17/04/2023	50
72	Session on "Planning A Startup"	18/04/2023	70
73	Session on "How to prepare for CAT"	24/04/2023	85



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74	Session on "How to prepare for GATE"	26/04/2023	80
75	Workshop on "Python for Data Science"	08/03/2023 to 24/03/2023	35
76	Seminar on "Corporate Ready"	19/04/2023	39
77	Guest Lecture on "Intellectual Property"	29/07/2023	35



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## **Samples of Activities Conducted**



**DEPARTMENT OF PRODUCTION ENGINEERING**

**Report**

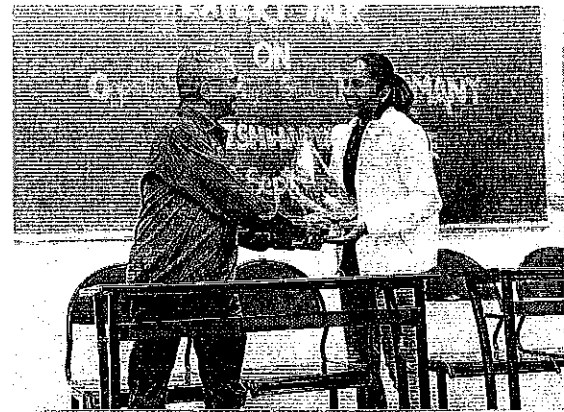
**Expert Lecture on**

**Opportunities For Higher Studies In Germany**

**Date:21/09/22**

**1. Objectives of program:**

The Department of Production Engineering, AISSMS COE organized an Expert talk on 'Opportunities for higher education in Germany after an Undergraduate Degree'. It was held on September 21, 2022, at 3:00. **Aishwarya Bhosale** an overseas student who was an ex-student of the Production Engineering department 2021 Pass out, was the resource person who guided the students about prospects after graduation. It was attended by a large number of students and faculty members. The session was conducted taking into consideration the feedback from the students regarding the issues they want to discuss in their mentoring sessions.



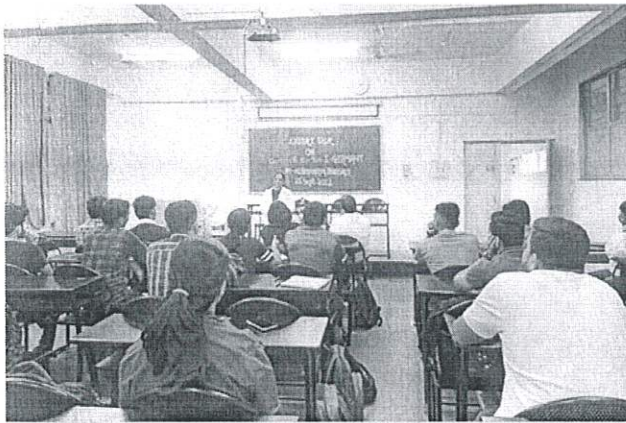
The event began with a welcome note by the, followed by an enlightening session by the speaker. Ms. Aishwarya Bhosale talked about various options that students have after their degree discussing each programme specifically. She first provided an overview of the choices available to students of different streams within India and then moved on to specific details of education abroad, specifically



in Germany. She discussed the reasons why overseas education should be considered by students and some popular destinations where they can apply. She also talked about the standard test requirements and scholarships that can be availed for the same. The event ended with an interactive Q&A session in which Ms. Bhosale took pains to address every query posed by the students. The programme was brought to a close with a vote of thanks by Kartiki Chaware.

## 2. Participants benefit or returns or output:

The guest lecture was conducted by Ms. Aishwarya Bhosale who is an Alumina of AISSMS COE Production Engineering (Sandwich) Department. She is pursuing her Masters in Germany. She shared her experiences and how students have different opportunities waiting ahead of them. Students were informed about how to choose a path for them and becoming worth in every field. Speaker guided students about the process to apply for Universities in Germany for their higher education. The alumni also explained on the benefits of choosing higher education abroad and making the most out of the available time. Speaker helped the students by answering all the questions asked by the students in the Q&A Session and briefed on creating a good opportunity.



**Kartiki Chaware**


**Student Coordinator**

**Dr N G Shekapure**

**HOD**

**Head of Department  
Production Engineering  
AISSMS COE, PUNE 1**



  
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Report on

## Webinar on "E - Resources : A Gateway to Research"

(10<sup>th</sup> November, 2022)



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## Webinar

**Title** : E - Resources : "A Gateway to Research"  
**Invited speakers** : Dr. Nikita Wanjari, Relationship Manager,  
Science Communicator Academic & Corporate,  
Balani Infotech Pvt. Ltd.  
  
Mr. Karan Dobhal, General Manager,  
Balani Infotech Pvt. Ltd.  
  
**Date** : 10th November, 2022  
**Time** : 11:30 am to 12:30 pm  
**Portal** : Zoom  
**Student Coordinators** : Mr. Sankalp Gaikwad (T.E Chemical Engineering)

**Faculty facilitating the event** : Dr. Kirti Datir

Department of Chemical Engineering, AISSMS College of Engineering, Pune-01 organized a webinar on the topic **E - Resources : "A Gateway to Research"** on 10th November, 2022. **Dr. Nikita Wanjari, Relationship Manager, Balani Infotech Pvt. Ltd** was the invited speaker for the webinar. This event was managed by student Coordinators Mr. Sankalp Gaikwad under the supervision of Dr. Kirti Datir, a faculty from Department of Chemical Engineering. The session started at 11:30 am, which lasted for more than an hour. Around 40 participants comprising of faculty members as well as students attended this on Zoom.

The session commenced with the introduction of the speaker **Dr. Nikita Wanjari**. Then, Dr. Nikita Wanjari started with her presentation in which she gave an overview of the **E - Resources : "A Gateway to Research"** and also gave a detailed overview of the Publications and steps utilized for a informative research. She talked about publicizing a research and how is an author's research paper published. Further she gave the gave descriptions about the web tools to master English skills and web resources that provide information for a research paper.



  
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Press F11 to exit full screen

### The anatomy of a Research Note

Figure 1: The anatomy of a Research Note

- Title, Abstract and Keywords**
  - Problem and solution
  - Short paragraph
- Introduction**
  - Background of a problem
  - Necessity to solve a problem
  - Problem definition
  - Contribution of work
- Methods and Results**
  - Detailed problem
  - Methodology used
  - Solution and experiments details
  - Validation of solution and results
- Figures and tables**
  - Good Graphics
- Discussion and Conclusion**
  - Discussion of result to show the novelty
- Acknowledgement and References**
  - List the references/proper citations to avoid plagiarism

**BMC**

*"If you can't explain it simply, you don't understand it well enough." — Albert Einstein*

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View Options

### Example paper

10781-121-133-11: Introduction to ethical publishing behavior

Introduction: The publication of research results is a vital part of the scientific process. It allows researchers to share their findings with the community and to be held accountable for their work. However, the publication process is not without its challenges. One of the most significant challenges is the issue of ethical publishing behavior. This paper introduces the concept of ethical publishing behavior and discusses the various factors that can lead to unethical behavior. It also provides a list of guidelines for researchers to follow to ensure that their publications are ethical and of high quality.

Year	Fraud/Suspected Fraud	Error	Plagiarism	Duplicate Publication
1967-1970	~50	~50	~50	~50
1971-1974	~50	~50	~50	~50
1975-1978	~50	~50	~50	~50
1979-1982	~50	~50	~50	~50
1983-1986	~50	~50	~50	~50
1987-1990	~50	~50	~50	~50
1991-1994	~50	~50	~50	~50
1995-1998	~50	~50	~50	~50
1999-2002	~50	~50	~50	~50
2003-2006	~50	~50	~50	~50
2007-2010	~50	~50	~50	~50
2011-2014	~50	~50	~50	~50
2015-2018	~50	~50	~50	~50
2019-2021	~1400	~1000	~800	~600

<https://www.scienceacademy.charlotte.com/learn/course/147/play/724130/an-introduction-to-ethical-publishing-behavior>

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This informative session was accompanied by the doubt clearing session in which students actively participated to gain the knowledge for making research papers. The webinar ended with a vote of thanks by Mr. Sankalp Gaikwad to Dr. Nikita Wanjari . Special thanks were given to all the participants for attending this knowledge sharing event.




  
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## Acknowledgement

Organizing committee sincerely thanks the invited speaker for sparing his valuable time. We thank Dr. Kirti Datir, Assistant Professor, Department of Chemical Engineering for facilitating this webinar and liaising with the speaker. We sincerely thank Dr. M.Y. Naniwadekar, 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 AISSMS Society for the constant support in organizing such activities. Lastly, organizers profoundly thank the participants for their patient hearing during the session.

  
**Sankalp Gaikwad**  
T.E Chemical  
Engineering  
Event  
Coordinator

  
**Dr. Kirti Datir**  
Faculty  
Coordinator

  
**Prof. K. N  
Bawankar**  
IICHE Student's  
Chapter Advisor  
Department of  
Chemical  
Engineering

  
**Dr. M. Y. Naniwadekar**  
HOD Chemical  
Engineering  
**Head**  
Deptt. of Chemical Engg  
AISSMS, COE, Pune-1



  
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Sr No	Name of the Activity	Date of Conduction	No. of participants
1	World environment day celebration with Webinar on "Ecosystem Restoration"	06/05/2021	420
2	Expert Lecture on " Application of Artificial Neural Network in Civil Engineering"	19/11/2021	120
3	Webinar on "GATE-Awareness"	21/08/2021	54
4	Webinar on " Importance of waterproofing"	14/08/2021	60
5	Inauguration of AISSMS COE IGS Students Chapter & Expert Lecture on "IGS"	03/02/2022	65
6	Paper Presentation Competition (CH-1) under ET-2021 (CHEMIXIR)	29/09/2021	30
7	Webinar on "Role of Economics in Selection of Technology"	16/03/2022	44
8	Webinar on "Introduction to Energy Integration"	01/05/2022	48
9	One Day training on 'Awarness of Standards & overview about Bureau of Indian Standars (BIS)'	07/02/2022	20
10	A Seminar on "Standards & necessity"	19/04/2022	94
11	Industrial Visit at "Vanaz Engineers Ltd., Kothrud"	13/04/2023	26
12	Industrial Visit at "Clean Science & Technolgies Ltd., MIDC, Kurkumbh, Tal. Daund, Dist. Pune"	20/04/2022	37
13	Two days Training related to "Awarness of Standards, Types of Standards and Formation of Standards"	06/05/2022 to 07/05/2022	01
14	Awareness Session on "IEEE Membership Benefits"	13/08/2021	250
15	IEEE Membership Drive (Phase-1)	14/08/2021 to 14/09/2021	47



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16	Student Development Program (SDP) on "Drones Operations Management"	06/09/2021 to 10/09/2021	250
17	16th AISSEMS Engineering Today 2021 – Silicon Fusion's Ideathon: National Level Idea Presentation Competition	30/09/2021	74
18	Webinar on "Career Opportunities in Artificial Intelligence and Machine Learning"	04/10/2021	80
19	International Webinar on "Smart, Clean and Green Electrical Energy for the Sustainable Future' on the occasion of IEEE Day 2021 Celebration"	05/10/2021	100
20	Organization of IEEE Xtreme 15.0 Programming Competition	23/10/2021	15
21	International Conference on "Smart Generation Computing, Communication and Networking (SMARTGEN – 2021) (Technically Co-Sponsored by IEEE Pune Section)"	29/10/2021 to 30/10/2021	157
22	Expert Talk on "Battery Management and Designing – A Practical Approach"	13/11/2021	100
23	Webinar Series on "Research Methodology"	15/11/2021 to 23/11/2021	300
24	IEEE Membership Drive (Phase-2)	01/01/2022 to 31/01/2022	10
25	National Science Day 2022 Celebration	28/02/2022	100
26	Expert Session on "BSNL-GSM and LTE Technology' on the occasion of IEEE Educational Week 2022"	06/04/2022	100
27	Industrial Visit at "Mapro Food Park on the occasion of 'IEEE Educational Week 2022"	08/04/2022	100
28	Institute Level Project Exhibition	19/04/2022	60
29	Workshop on "Python for Data Science"	11/9/2021 to 03/10/2021	40
30	Expert Lecture	02/09/2021	87



  
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31	Expert Lecture	16/09/2021	117
32	National level student Symposium	29/09/2021	59
33	National level student Symposium	30/09/2021	73
34	National level student Symposium	29/09/2021 to 30/09/2021	15
35	Expert Lecture	22/11/2021	40
36	Workshop	23/11/2021	61
37	Expert Lecture	26/11/2021	55
38	IEI Conclave Western Region	09/12/2021 to 10/12/2021	97
39	Extension activity	26/02/2022	120
40	Career Counselling	16/03/2022.	150
41	Industrial Visit	06/04/2022	110
42	Industrial Visit	12/04/2022	45
43	Project Exhibition	05/05/2022	40
44	Industrial Visit	07/05/2022	52
45	Industrial Visit	07/05/2022	50
46	National level quiz on kargil war	26/07/2021	263
47	First Regional Conclave of Student's Chapter of The Institution of Engineers (India) for Western Region 2021-22	09/12/2021 to 10/12/2021	42
48	Expert Lecture on "Industrial Automation"	15/11/2021	50



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49	Webinar on "Automotive Sensor System"	10/04/2021	40
50	On Line Symposium on International Automotive Technology 2021	29/09/2021 to 01/10/2021	50
51	National "Webinar on Industrial Automation & Control"	17/08/2021	55
52	Webinar on "World's Conservation Day"	28/07/2021	105
53	Expert Lecture on "Importance of Supply Chain Management in near Future"	24/07/2021	168
54	FE CPP Workshop	19/05/2021 to 22/05/2021	70
55	Career in Cyber Security	08/05/2020.	48
56	Front End Web UI Development	21/05/2021	99
57	Webinar on "Be Placement Ready"	01/06/2021	52
58	Android Study Jams- III	16/01/2021	70
59	Virtual quiz on the occasion of International Sign Language Day	23/09/2021	100
60	Navratnas of Time Management	31/10/2021	38
61	Virtual quiz on the occasion of Indian Navy Day	04/12/2021	126
62	SEED(Spirited Ethics for Empowerment & Development)	12/08/2021	70
63	Webinar on "A Happy Trail"	21/08/2021	45
64	Webinar on "an Introduction to Drone Ecosystem"	31/08/2021	150
65	Ideathon 2021	27/09/2021	51
66	Techno social Project competition	10/01/2022	25



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67	INDIA@75 video making competition	24/01/2022	45
68	International Youth Day	12/08/2021	80
69	International Sign Language Day	23/09/2021	27
70	Navratnas of Time Management	31/10/2021	80
71	Navy Day Kahoot Quiz	04/12/2021	120
72	Indian Army Day	15/01/2022	55



  
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## **Samples of Activities Conducted**



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Name of Event: Webinar on "Entrepreneurship and Atmanirbhar Bharat for Start Up India"

Date: 07.07.2021

Time: 05.00 pm

Speaker: Dr. Enty Ranga Reddy, Chairman and Managing Director, Legend Technologies (India) Pvt. Ltd. Bangalore & AISC Chairman, IE(I), Kolkata

No. of Participants: 2677

### Agenda

Sr No.	Activity	Time
1.	Welcome by Anchor	1 min
2.	Saraswati Vandana	2 mins
3.	Virtual Felicitation	1mins
4.	Address By Prof. Nitin Mawale, Coordinator of Webinar & Faculty Advisor, IE(I) Students' Chapter	3 mins
5.	Address By Dr. D G Bhalke, Convener & HOD E&TC	3 mins
6.	Address By Dr. D.S. Bormane, Principal AISSMS COE, Pune	5 mins
7.	Introduction of Chief Guest "Dr. EntyRanga Reddy"	1 min
8.	Keynote Address By Chief Guest "Dr. EntyRanga Reddy"	45-60mins
9.	Moderator Dr. D G Bhalke: Question - Answer Session	10 mins
10.	Vote of Thanks	2 mins
11.	Virtual Photo session	2 mins

### Event Report:

**Objective:** The objective of the webinar was to explore the role of entrepreneurship in realizing the vision of Atmanirbhar Bharat (Self-Reliant India) and to discuss opportunities and challenges for startups in contributing to India's economic growth and innovation ecosystem.



  
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### **Key Topics Discussed:**

**Atmanirbhar Bharat Mission:** Overview of the Atmanirbhar Bharat initiative and its objectives to promote self-reliance, innovation, and entrepreneurship in various sectors of the economy.

**Startup Ecosystem:** Examination of the current startup ecosystem in India, including government initiatives, support mechanisms, and funding opportunities for aspiring entrepreneurs.

**Entrepreneurial Mindset:** Discussion on the importance of cultivating an entrepreneurial mindset characterized by innovation, resilience, and risk-taking for startup success.

**Sectoral Opportunities:** Exploration of key sectors with growth potential for startups in India, such as technology, healthcare, agriculture, renewable energy, and manufacturing.

**Policy and Regulatory Environment:** Analysis of policy reforms and regulatory frameworks aimed at fostering a conducive environment for startup growth, including ease of doing business reforms and taxation policies.

### **Key Insights:**

**Innovation and Adaptability:** Emphasized the role of innovation and adaptability in addressing market needs and driving business growth, especially in the context of rapidly evolving global challenges.

**Access to Finance:** Highlighted the importance of access to finance and investment capital for startups to scale their operations and expand their market reach.

**Collaboration and Networking:** Advocated for collaboration and networking among startups, industry stakeholders, academia, and government agencies to foster knowledge sharing, mentorship, and partnership opportunities.

**Skill Development:** Underlined the need for continuous skill development and capacity building among entrepreneurs to enhance their managerial, technical, and leadership capabilities.

### **Call to Action:**

**Promote Entrepreneurial Culture:** Encourage the development of an entrepreneurial culture that celebrates innovation, risk-taking, and creativity at all levels of society.

**Support Startup Ecosystem:** Advocate for policies and initiatives that support the growth and sustainability of startups, including access to finance, infrastructure, and mentorship.

**Harness Technology:** Harness the power of technology and digital innovation to address societal challenges, improve efficiency, and create new business opportunities.



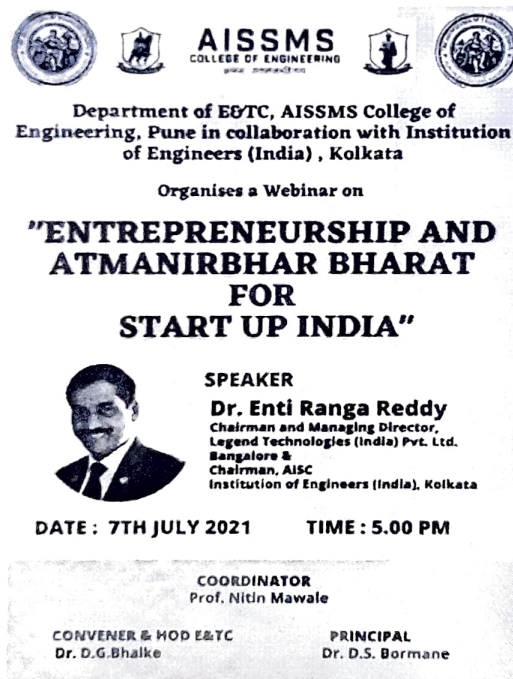
  
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**Conclusion:** The webinar on "Entrepreneurship and Atmanirbhar Bharat for Startup India" provided valuable insights into the role of entrepreneurship in realizing the vision of Atmanirbhar Bharat and fostering a vibrant startup ecosystem in India. By leveraging innovation, collaboration, and policy support, startups can contribute significantly to India's economic resilience and global competitiveness.

**Feedback:** Participants commended the webinar for its informative sessions, insightful discussions, and actionable recommendations for aspiring entrepreneurs and policymakers. Many expressed a renewed enthusiasm for entrepreneurship and a commitment to driving positive change in the startup ecosystem.

Glimpses:



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Department of E&TC, AISSMS College of Engineering, Pune in collaboration with Institution of Engineers (India), Kolkata

Organises a Webinar on

**"ENTREPRENEURSHIP AND ATMANIRBHAR BHARAT FOR START UP INDIA"**

**SPEAKER**  
**Dr. Enti Ranga Reddy**  
Chairman and Managing Director,  
Legend Technologies (India) Pvt. Ltd.  
Bangalore &  
Chairman, AISC  
Institution of Engineers (India), Kolkata


**DATE : 7TH JULY 2021      TIME : 5.00 PM**

**COORDINATOR**  
Prof. Nitin Mawale

**CONVENER & HOD E&TC**  
Dr. D.G.Bhalke

**PRINCIPAL**  
Dr. D.S. Bormane

Event Flyer

  
Mr. N P Mawale  
Faculty Coordinator

  
Dr. D G Bhalke  
HOD E&TC

**Head**  
Department of Electronics & Telecommunication  
AISSMS's COE PUNE-411001.



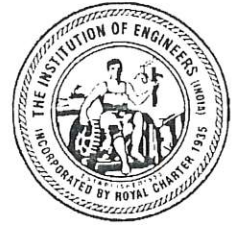
  
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9

### Activity Report

## Expert lecture on Chargers for Battery operated vehicles

26<sup>th</sup> Nov 2021

Department of Electrical Engineering has organized an Expert lecture on Chargers used for Battery Operated Vehicles for TE Electrical students in association with Institute of Engineers, India (IEI), Electrical Chapter on 26<sup>th</sup> November 2021.

The Expert of the session was

1. Mr Utkarsh Alset,  
Design & Development Engineer, R & D,  
Athertec Innovative Solutions, Pune

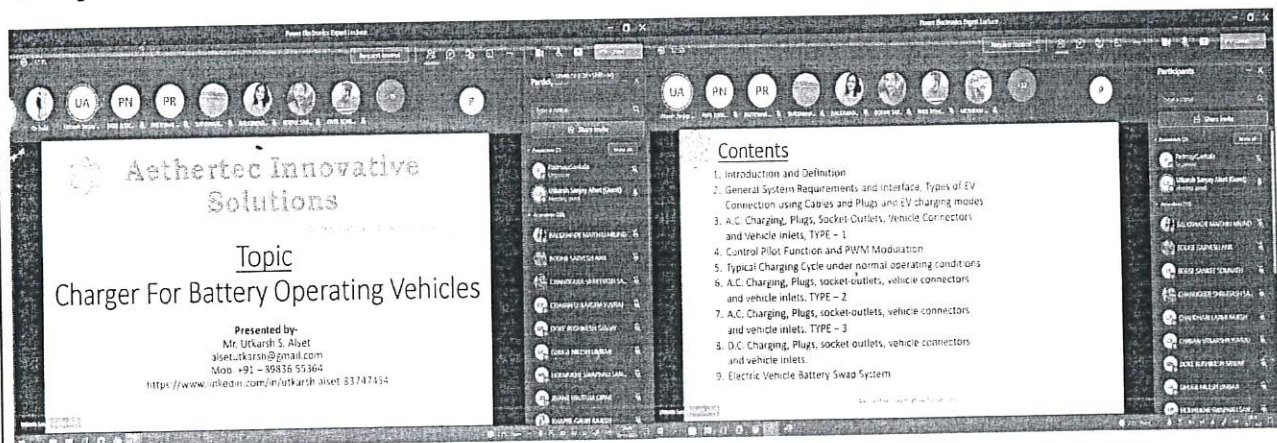
The session was conducted on online mode @ Microsoft Teams platform.

Topics Covered:

Introduction, General Battery system requirements, types of charging station -AC and DC, plugs and sockets, international standards of charging system

The entire session was recorded and shared with the students for future reference.

### Glimpses of the Session:



Head  
Department of Electrical Engineering  
AISSMS College of Engineering, Pune



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### Activities Conducted under Club and Chapters Year 2020-21

Sr No	Name of the Activity	Date of Conduction	No. of participants
1	Webinar on "Interview Preparation"	07/11/2020	40
2	Webinar on "Innovation Driven Entrepreneurship"	30/01/2021	30
3	Webinar on "Scope of Piping Engineering in Oil and Gas Sector"	30/05/2021	40
4	Webinar on "Create Your Success Story with Growth Mind set"	25/09/2020	100
5	Inauguration of AISSMSCOE IEEE Student Branch	03/10/2020	110
6	Webinar on "Engineering Graduate- A Road Map"	03/10/2020	100
7	IEEE Day 2020 Celebration & Webinar on "Evolution of Telecom Network – Landline to 5G"	06/10/2020	200
8	Webinar on "Resume Preparation"	28/10/2020	160
9	National Webinar on "My Journey to Brain"	31/10/2020	290
10	Webinar on "Introduction to Industrial IoT and Its Prospects"	06/11/2020	100
11	Webinar on "How to write Research Papers"	11/11/2020	150
12	Awareness campaign to celebrate Diwali Safe & Eco-Friendly and Promote 'Vocal for Local' mission	13/11/2020 to 18/11/2020	500
13	Webinar on "Benefits of IEEE Membership"	26/12/2020	80
14	IEEE Membership Drive -2021	27/12/2020 to 31/12/2020	30



  
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15	Webinar on "UI Development"	08/02/2021	140
16	Webinar on "Importance of AMCAT & Job Prospects in Current Scenario"	10/02/2021	120
17	Induction Function of AISSMSCOE IEEE Student Branch Members - 2021	17/02/2021	40
18	National Level Workshop on "Technologies for Enabling Wireless Communication"	01/03/2021 to 02/03/2021	700
19	Webinar on "Recruitment Guidance"	09/03/2021	100
20	Motivational Talk on "Journey to NASA"	10/03/2021	130
21	National Level Quiz Competition on "Techno-Social Awareness" on the occasion of National Technology Day	11/05/2021	730
22	National Level Quiz Competition on "Telecommunication System" on the occasion of World Telecommunication & Information Society Day	23/05/2021	300
23	National Level Webinar on "Stress Management"	23/05/2021	600
24	Expert Lecture on "Electrical System on Automobiles"	18/08/2020	100
25	Expert Lecture on "Power Electronics: Application and Research"	04/08/2020	56
26	Expert Lecture on "Application of PLC in Automation Industry"	18/09/202	71
27	Expert Lecture on "Self Awareness"	27/07/2020	53
28	Workshop on "Skills on Employability"	04/07/2020 to 06/07/2020	100
29	Expert Lecture on "Selection of Seminar Topics and report Writing"	08/07/2020	65
30	Expert Lecture on " Passenger Vehicle Development Life Cycle"	20/08/2020	54



  
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31	Workshop on "Project Management and Finances"	29/08/2020	80
32	Expert Lecture on "Importance Healthy Lifestyle"	23/08/2020	100
33	Expert Lecture on "Digital Memories and Logic Families"	03/12/2020	60
34	Expert Lecture on "Selection of motors and Batteries used in EV's"	04/12/2020	50
35	Expert Lecture on "Insights of Electric Vehicle Technologies"	05/12/2020	60
36	Expert Lecture on "Control Systems"	05/12/2020	40
37	National level Student competition	01/02/2021	44
38	Interactive session on "Start-up with our own Entrepreneurs"	25/02/2021	100
39	Coffee and Conversation with Alumni	04/03/2021	100
40	Tree Plantation Drive	04/03/2021	100
41	Expert Lecture on "Importance of Gender Equality"	08/03/2021	100
42	Webinar on "ISO in Manufacturing & Cyber security".	04/10/2021	110
43	Webinar on "industry interaction and career opportunity in the tech industry"	03/03/2021	88
44	Webinar on "Career Growth"	11/12/2020	110
45	Webinar on "Electric Motors for electric vehicles"	24/09/2020	112
46	Teacher's Day Celebration	09/05/2020	55
47	National Level Webinar on "ISO Awareness"	21/08/2020	121



  
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48	Webinar on "Passenger Vehicle Development Lifecycle"	08/19/2020	216
49	Festo Virtual Exhibition	15/07/2020 to 16/07/2020	88
50	Expert Lecture on "Soft Skills: A Must-Have Asset for Engineers"	20/03/2021	67
51	Expert Lecture on "Career Opportunities after Engineering"	04/06/2021	75
52	One Week Student Development Program on "GATE Coaching tips and tricks"	25/01/2021 to 31/01/2021	100
53	Expert talk on "Career opportunities for Civil Engineers after COVID -19"	01/08/2020	151
54	Expert talk on "Competitive Exam Preparation"	12/09/2020	132
55	Two days workshop on "Employability Skill Development"	05/11/2020 to 07/11/2020	85
56	Hands-On Session on "UX/UI"	04/10/2020	161
57	Webinar On "Open Source "	20/10/2020	98
58	Expert Lecture on "Placement Guidance for BE"	16/08/2020	64
59	Expert Lecture on "Android Study Jam 2"	27/12//2020	35
60	Expert Lecture on "Android Study Jam "1	06/12/2020	45
61	Expert Lecture on "Challenges in this Pandemic Situation"	28/04/2020	35
62	Webinar on "Kisan Divas"	23/12/2020	70
63	Webinar on "Energy Conservation"	30/12/2020	137
64	Expert Lecture on "Extempore Competition"	04/01/2021	41



  
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65	Quizophile Competition	31/01/2021	37
66	Virtual Industrial Visit	13/02/2021	192
67	Group Discussion Competition	06/03/2021	52
68	Webinar on "Awareness about Energy Conservation"	20/05/2023	89
69	Expert Lecture on "Introduction to CREO and ANSYS "	07/09/2021	110
70	Webinar on "Growth in Challenges"	30/05/2020	133
71	webinar "Lets Rise from the Shadows"	15/07/2020	376
72	STTP on "Digital Transformation"	11/06/2020 to 13/06/2020	121
73	Webinar on "Data Science with Machine Learning"	26/05/2020	97
74	Technical E-Poster Presentation Competition	17/09/2020	45
75	Webinar on "Placement Guidance for BE students"	16/08/2020	78



  
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## **Samples of Activities Conducted**





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## Department of Chemical Engineering

### IICHE Students' Chapter

### Webinar report on "Interview Preparation" (Nov.7, 2020)

**Department of Chemical Engineering  
Presents a Webinar on  
"Interview Preparation"**

**DATE - 7/11/2020  
TIME - 12:15 PM  
PLATFORM - MS TEAMS**

**Ms. Neelambari Ale**  
Chief Manager - Vendor Management  
Sindhuja Chakraborty (Co-ordinator)

**Vijay Gandhi**      **Mrs. K.N. Sawant**      **Dr. P.N. Dargan**      **D.D.S. Boinpudi**  
Principal      HOD      HOD      Principal

**Co-ordinator**      **IICHE Students Chapter**



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**Title** : Interview Preparation

**Invited speaker** : Ms. Neetu Bhowate, Chief Manager – Vendor Management, Hindustan Unilever Ltd., Mumbai

**Date** : November 7, 2020

**Time** : 12.15pm-1.30 pm

**Portal** : MS-Teams


**Student Coordinators** : 1. Mr. Viraj Gandh(TE Chemical Engineering)  
2. Ms. Pratiksha Ghadle(TE Chemical Engineering)

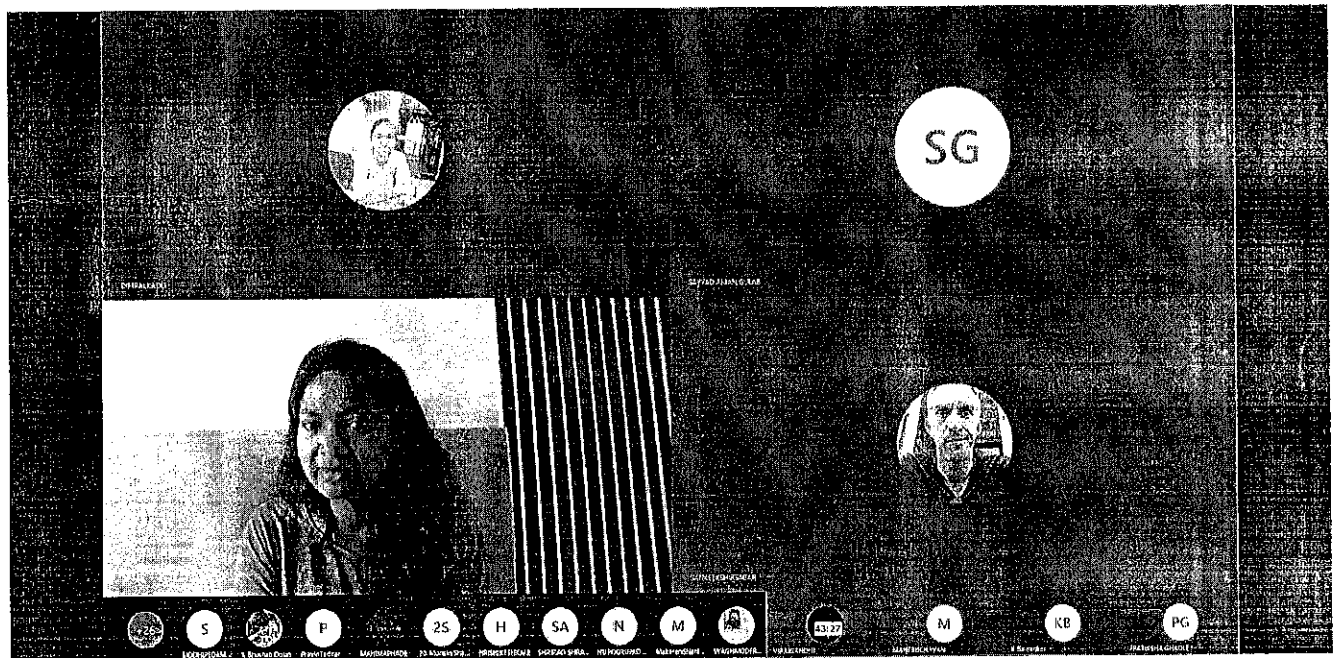
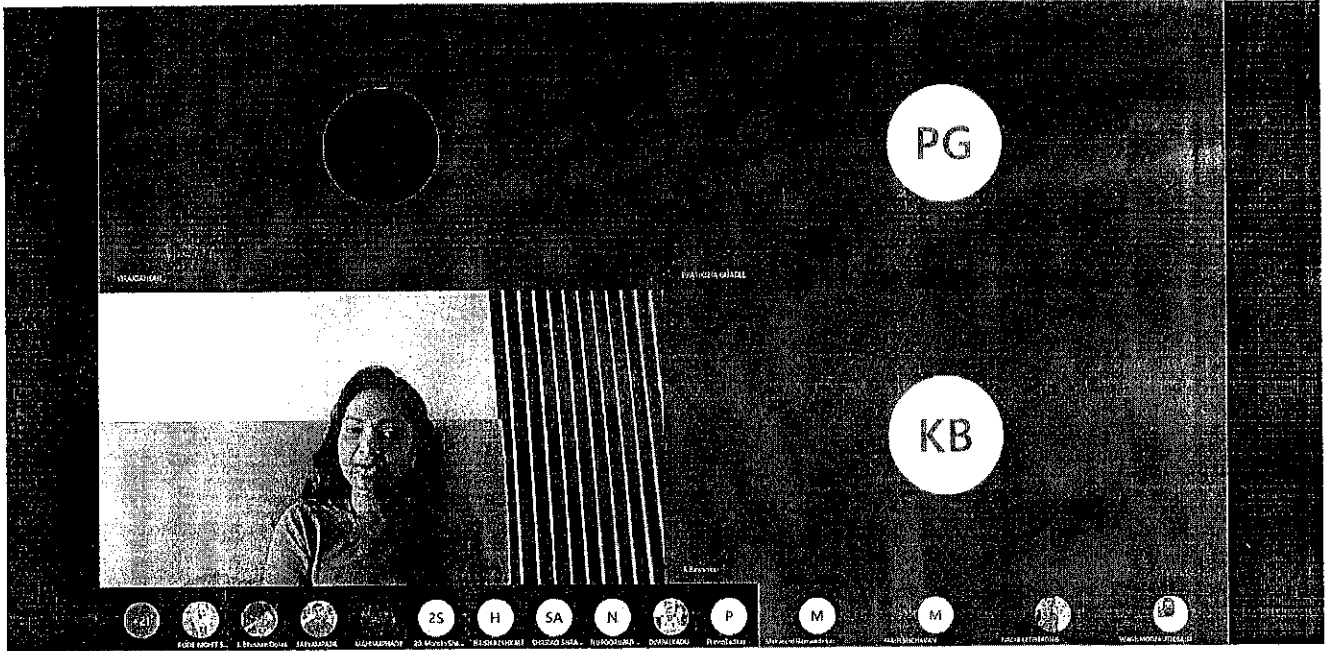
**Faculty facilitating the event:** Mrs. K N Bawankar

IICChE Students' Chapter, Department of Chemical Engineering, AISSMS College of Engineering, Pune-01 organized a webinar on the topic "Interview Preparation" on November 7, 2020. Ms. Neetu Bhowate, M Chem from ICT Mumbai, Chief Manager – Vendor Management, Hindustan Unilever Ltd., Mumbai was the invited speaker for the webinar. This event was managed by student Coordinators Mr. Viraj Gandhi and Ms. Pratiksha Ghadle under the supervision of Mrs. K. N. Bawankar, a faculty from Department of Chemical Engineering. The session started at 12.15 pm, which lasted for more than an hour. Around 40 participants comprising of faculty members as well as students attended this on MS-Teams.

The session commenced with the introduction of the speaker Ms. Neetu Bhowate by Ms. Pratiksha Ghadle. Then, Ms. Bhowate started with her topic in which at first she shared her views on few common mistakes people do during an interview. She gave tips for How to prepare for an interview, of which to study well about the company posts for which recruitment is done was prominent. It was a very interactive session between the participants and the speaker. Other tips included: asking common questions to ourselves and answering them in best way possible. voice modulation, body language, and punctuality. She emphasized on presenting yourself for better projection of our views. She also narrated few of her experiences and explained them what could've been a better answer for such a question.



  
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**Glimpses of invited speaker Ms. Bhowate, talking on issues faced by students during an Interview**

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 Ms. Pratiksha Ghadle to Ms. Bhowate. 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 her valuable time. We thank Mrs. K.N. Bawankar, 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.



Mr Viraj Gandhi

TE Chemical

Event Coordinator



Ms Pratiksha Ghadle

TE Chemical

Event Coordinator



Mrs K N Bawankar

Dept. IChE Students' Chapter Co-ordinator



Dr P N Dange


Head, Department of Chemical Engineering

**Head**  
**Deptt. of Chemical Engg**  
**AISSMS, COE, Pune-1**

Date: 08/11/2020

Place: AISSMS COE, Pune



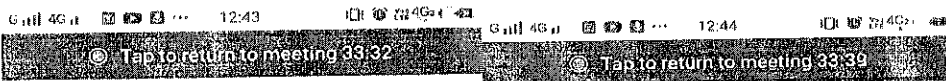
  
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**Attendance:**



- ← In the meeting (39)
- 1. Bhushan Dolas  
Attendee
- 13.Vaibhav S Shirsath  
Attendee
- 2S 20. Mohsin Shaikh  
Attendee
- 4. Ritesh kolhapure  
Attendee
- A AKASHTELE  
Attendee
- BS BARBADE VAIBHAV ... On hold  
Attendee
- D DIMPALKADU  
Attendee
- H HIRETEJAS  
Attendee
- H HRISHIKESHKALE  
Attendee

- ← In the meeting (39)
- H HRISHIKESHKALE  
Attendee
- K Kaustubh (Guest)  
Attendee
- K KBawankar  
Attendee
- KG kiran gandhi  
Attendee
- KS KUMBHAR SOHAM SHIVAJI (...)  
Attendee
- M MAHESHCHAVAN  
Attendee
- MAHIMAPHADE  
Attendee
- M MakarandNaniwadekar  
Attendee
- MANALIKULKARNI  
Attendee
- MARALE UTKARSHA KIRAN



- ← In the meeting (39)
- MARALE UTKARSHA KIRAN  
Attendee
- N NACHIKETPHADNIS  
Attendee
- NB Neetu Ramchandra Bhowate (Guest)  
Attendee
- N NUPOORUPADHYE  
Attendee
- PRANAVKAKADE  
Attendee
- PT Prathamesh T (Guest) (Guest)  
Attendee
- P PRATIKSHAGHADLE  
Attendee
- P Pravin Tadkar  
Attendee
- RJ RAUT SAGAR JITENDRA  
Attendee

- ← In the meeting (39)
- R RITESHNETKE  
Attendee
- RODE MOHIT SUNIL On hold  
Attendee
- RT Rohit Tillu (Guest)  
Attendee
- SJ SAMRUDDHI JOSHI  
Attendee
- S SANKETKSHIRSAGAR  
Attendee
- SS SAPATE BHAVANA ... On hold  
Attendee
- SATYAMPATIL  
Attendee
- SAYYAD AMAN GULAB  
Attendee
- SA SHAIKH FIZA ASHPAK  
Attendee



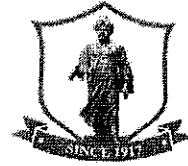
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### Department of Civil Engineering

Vision: Nurture the talent in Civil Engineers to work as global leaders for development of society



The Institution of Engineers (India)  
(Established 1920, Incorporated by Royal Charter 1935)

## Students Chapter

Date: 20<sup>th</sup> March 2021  
10.30am-12.15pm

Time:

### GUEST LECTURE BY Dr.Utpal Ganatra

### **GUEST LECTURE ON-"SOFT SKILL:A MUST HAVE ASSETS FOR ENGINEER".**

#### DEPARTMENT OF CIVIL ENGINEERING

- ❖ **Name of Event:** EXPERT TALK ON "SOFT SKILL : A MUST HAVE ASSETS FOR ENGINEER".
- ❖ **Date of Event:** 20<sup>th</sup> March 2021
- ❖ **Location of Event:** Zoom Conference
- ❖ **Number of persons attended:** 61
- ❖ **HOD of Civil Department:** Dr. U. R. Awari
- ❖ **Coordinator:** Mrs Megha Chiwande
- ❖ **Student Chapter Representative:** Ashlesh Patil and Sanket Patil

#### **SESSION SUMMARY**

AISSMSCOE, Department of Civil Engineering, Pune organized an Expert talk on 'Soft Skill: A must have assets for Engineer' on 20<sup>th</sup> March 2021 at 10.30am. The speaker of the webinar Dr.Utpal Ganatra, MA, MPhil, PhD(English), CTE-BAOU, TKT-Cambridge, lecturer in English-G.E.S(Class-II), Government Polytechnic, Dahod-Gujarat, Certified trainer in MEPSC AND BOSCH. The lecture was attended by students, faculty members and HOD Mr. Awari Sir of (Civil Department).

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- Create awareness among students for sustainable development
- Cultivate the leadership qualities for becoming successful entrepreneurs



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### REPORT

The guest lecture was heartily welcome by Vaishnavi Chumbalkar. The guest speaker Dr.Utpal K. Ganatra is serving as a Lecturer in English and Contributor Personality Development Programme at Government Polytechnic, Dahod. He also worked as Assistant Professor of Communication Skills at St. Stephen Institute of Business Management & Technology, Anand. Dr.Utpal was a Visiting Faculty of English Smt. S. I. Ipcowala College of Commerce, Petlad.

The session was very interactive and students participated enthusiastically. Opinions, thoughts, experiences and suggestions were shared by the expert Dr.Utpal with the attendees. Why most of the Engineers are unemployed? was discussed by the expert. The expert discussed the following topics in his presentation like unemployment, external personality, internal personality, hard skill, soft skill, communication skill, leadership quality, problem solving, intuition and logic, adaptability, curiosity, time management, agility, humility and patience, etc

"Scientist study the world as it is, Engineer create the world that has never been". Sir further added "Graduates are collecting their degree despite not being skilled enough to be a productive part of Indian economy". Sir advised students to develop themselves in such a way that companies should approach them and will to hire them. Sir friendly and motivational talk made our students engrossed in the webinar. Sir explained students how internal personality is equally important to external personality giving example of a ice cream cone. Sir explained that developing external personality is like watering the leaves whereas developing internal personality is like watering the roots.

'If you can breathe on your own, you can also learn on your own'. By saying this phrase Utpal Sir motivated students to be your own teacher. Sir explained hard skill, soft skill and communication skill while giving different example. Sir explained his presentation by giving different and unique example which made the guest lecture exciting and interesting.

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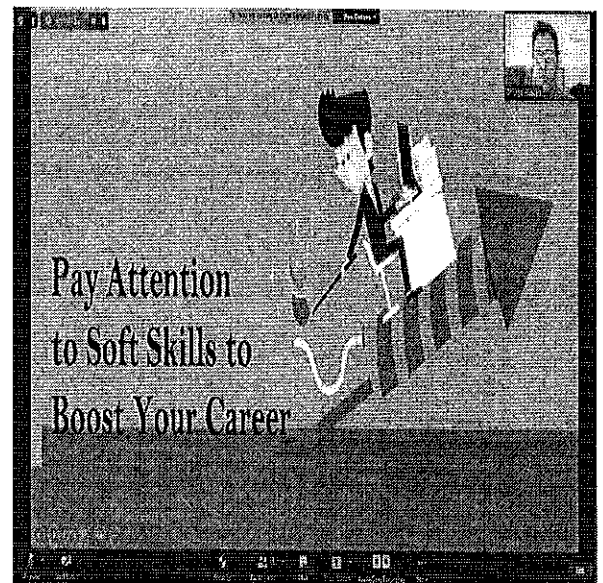
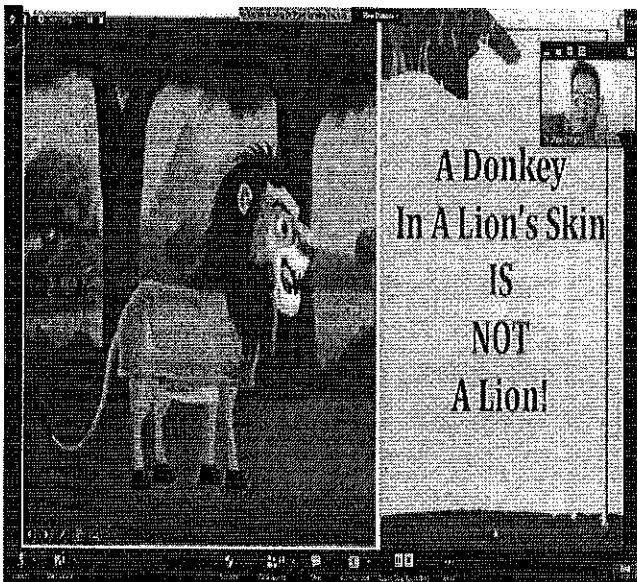
**Vision:** Nurture the talent in Civil Engineers to work as global leaders for development of society

'Leaders are readers, readers become leaders', this was the motto given by Sir. 'You can lead a horse to water...but it has to drink', Sir advised students to read more and more and guided students to update themselves regularly. Dr. Utpal Sir made sure that he clears all the doubts of the students.

Vote of thanks was given by Ritesh Tanpure. Megha Chiwande Ma'am presented a small token of appreciation towards our valuable guests and the webinar was concluded at 12.15pm by HOD Awari Sir by expressing his gratitude.

Feedback link was shared at the end of the webinar. As per the received feedback, participants found the session very interesting and helpful as the session helped them taking a brief decision about their future.

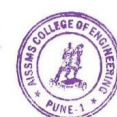
It was indeed a brainstorming session through which students could take away key points and induce them in their life and improve their skillset. At the conclusion of the conference, HOD Awari Sir expressed his gratitude.



Few pictures from the session.

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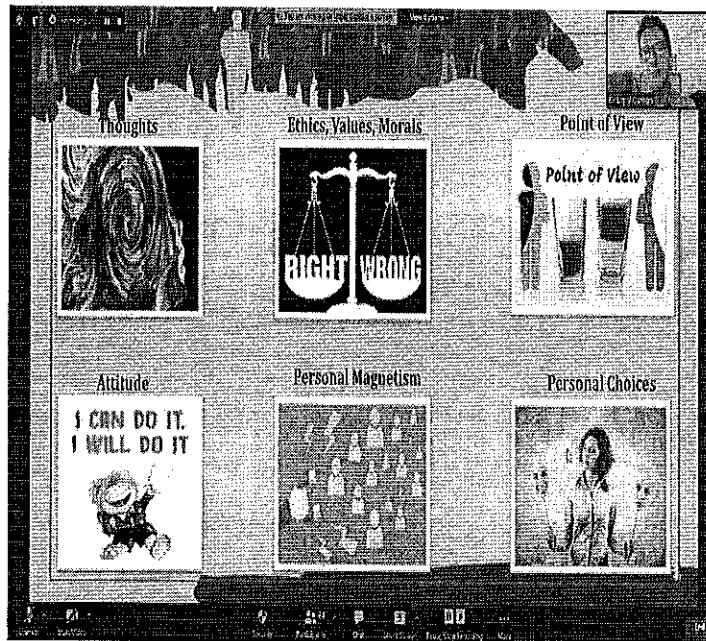
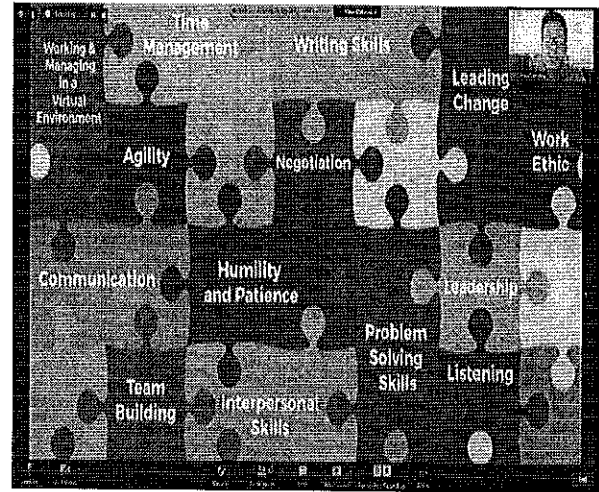
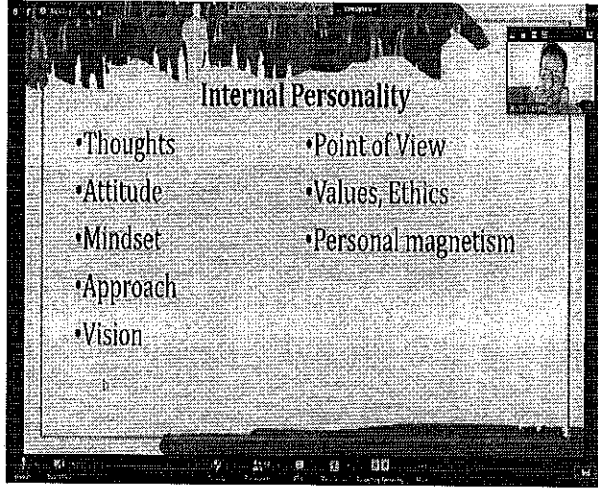
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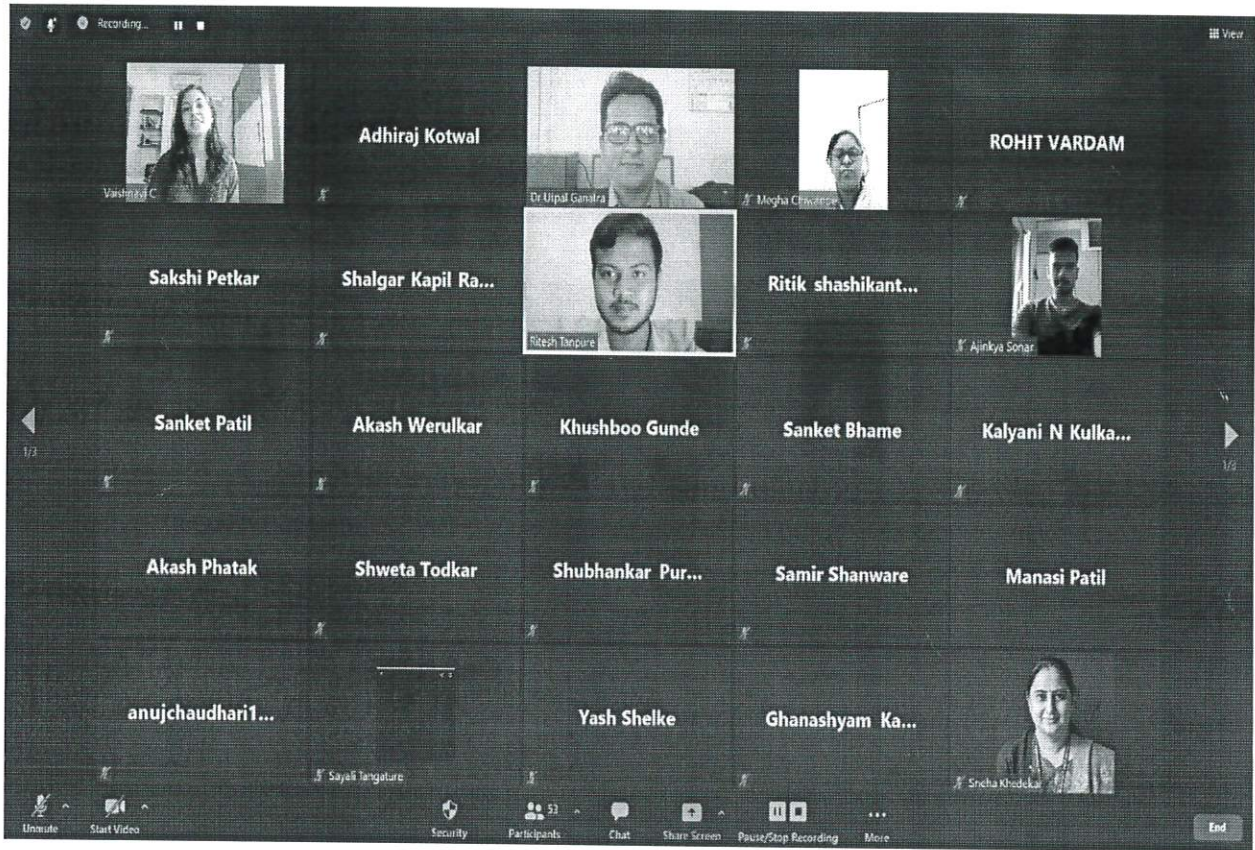
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**Faculty Adviser**  
IE(I) Students' Chapter  
(Civil Engineering)  
AISSMS COE, PUNE-01

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

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## Activities Conducted under Club and Chapters Year 2019-20

Sr. No	Name of the Activity	Date of Conduction	No. of participants
1	Expert Lecture on "Application of Principal Stresses and strain in FEA"	16/10/2019	88
2	Industry Visit at "Speciality Sintered Pvt. Ltd. Chakan, Pune & Vindhyaachal Hydropower Pvt. Ltd. Chaskaman, Rajgurunagar, Pune" for SE Production s/w	12/10/2019	80
3	Expert Lecture on "Process of Powder Metallurgy with its Advantages and Applications."	03/10/2019	84
4	Visit to Exhibition: The India's 15th International Exhibition Automation 2019 at "NSE, Goregaon, Mumbai"	28/09/2019	70
5	Expert Lecture on "Plastic Injection Molding"	03/09/2019	43
6	Expert lecture on "Change lifestyle and stay healthy"	28/08/2019	56
7	Expert Lecture on "Sensors in Automobiles"	09/08/2019	67
8	Indian Karting Championship 3	14/02/2019	19
9	ZEALDRAG 3.0 (2019) -Zeal College, Pune	08/03/2019	19
10	ISHRAE Installation Chapter	23/09/2019	34
11	Workshop on "Fault Diagnosis in Refrigeration System"	27/03/2019	40
12	Awareness Drive on "Berojgar Abhiyanta Melava"	28/06/2019	78
13	Expert Lecture on "Career in Management Studies"	24/07/2019	42



  
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14	Expert Lecture on "Project Area Selection and Management"	02/08/2019	25
15	Industrial Visit at "PARI Robotics, Shirwal"	31/08/2019	30
16	Debate Competition	10/09/2019	15
17	Debate Competition	11/09/2019	10
18	Industrial Visit at "Science Park, Pimpri"	11/09/2019	56
19	Expert Lecture on "Career Counselling"	06/01/2019	73
20	Expert Lecture on "Awareness of Innovation Projects and Internship"	09/01/2019	22
21	Staff Field Visit at "Pawana Hydro Power Station"	14/01/2019	04
22	Industrial Visit at "Mahati Electricals , Yawat"	15/01/2019	57
23	Expert Lecture on " From Academics to Professional Life"	20/01/2019	50
24	Industrial Visit at "Pune Metro Rail Pimpri"	21/01/2019	46
25	Industrial Visit at "Pune Metro Rail Pimpri"	22/01/2019	50
26	Expert Lecture on "Electrical Machines"	01/02/2019	56
27	Expert Lecture on "Introduction of Debugging Tools"	20/12/2019	35



  
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28	Celebration of Guru Poornima	16/07/2019	84
29	Debate Competition	09/09/2019 to 10/09/2019	200
30	Guest Lecture on "Feasibility Study Of Pune Metro Project"	15/10/2019	92
31	BTM & GT Quiz	18/10/2020	62
32	Webinar on "Financial Literacy"	17/07/2021	120
33	Seminar on "scale-up of batch process and flow chemistry in batch reactors"	14/01/2019	61
34	Guest lecture on "Career Building"	15/01/2020	43
35	Seminar on "Scale-up of batch process and flow chemistry in batch reactors"	19/07/2019	48
36	Webinar on "Leadership Development in Women Professional Entrants"	30/05/2020	1379
37	One-Day Workshop on "Leadership Development in Women Professional Entrants"	12/07/2019	41
38	Expert Lecture on "Convolution and Recurrent Neural Network"	01/04/2019	120
39	Industrial visit at "Mapro Foods Pvt. Ltd"	05/04/2019	86
40	Project Exhibition	06/04/2019	64
41	Mini Project Exhibition	07/04/2019	93



  
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42	Wall Magazine	08/06/2019	10
43	Expert Lecture on "JAVA Applets"	10/04/2019	77
44	Inauguration Ceremony of Centre of Excellence in Robotics and Process Automation	12/04/2019	160
45	Expert Lecture on "Importance of Students' Chapter Membership"	21/06/2019	65
46	Demonstration of "NPTEL Video K-Maps"	26/06/2019	46
47	Expert Lecture on "Awareness of NPTEL Online Courses of IITs , Examination, Its Importance, and Registration Process"	02/07/2019	45
48	Expert Lecture on "IC Fabrication Process: Silica to Silicon(VLSI)"	09/07/2019	30
49	Expert Lecture on "Students' Club & Welcome of SE E &TC Students"	11/07/2019	120
50	Expert Lecture on "Leadership Development in Women Professional Entrants"	12/07/2019	41
51	Expert Lecture on "Mechatronics"	16/07/2019	59
52	Gurupournima Celebration	16/07/2019	165
53	Selfi with Guru Campaign	16/07/2019	180
54	Tree Plantation	16/07/2019	20
55	Expert Lecture on "Is Indian Nationalism comes from movies?"	16/07/2019	15



  
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56	Expert Lecture on "Amruta Software"	16/07/2019	105
57	Expert Lecture on "Zira Software"	16/07/2019	105
58	Automation Anywhere	17/07/2019 to 19/07/2019	62
59	Expert Lecture on "Simulation and PCB Design"	19/07/2019	55
60	Expert Lecture on "Project Topic Selection and Synopsis Writing"	19/07/2019	50
61	Soft Skill Training	22/07/2019 29/10/2019	51
62	BE Project Work	23/07/2019	56
63	BE Project Work	24/07/2019	56
64	BE Project Work	25/07/2019	56
65	One Day Workshop on "Campus to Corporate Initiative" 1) Aptitude Test 2) Personal Interview Techniques 3) Technical Quiz	26/07/2019	120
66	Expert Lecture on "NBA Presentation to TE E&TC Students"	26/07/2019	64
67	Expert Lecture on "NBA Presentation to SE E&TC Students"	26/07/2019	60
68	Expert Lecture on "NBA Presentation to TE Electronics Students"	26/07/2019	23



  
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69	Expert Lecture on "NBA Presentation to BE Electronics Students"	26/07/2019	54
70	Soft Skills (Training Program)	29/07/2019	51
71	Seminar on "Awareness of IEEE Membership"	31/07/2019	120
72	Technical Quiz (Entrance Examination for Students Club Committee Recruitment)	01/08/2019	75
73	Career Counselling Session	02/08/2019	65
74	Induction Program of new Recruited Students of Avit-O Virtue Drone and Robotics Club	09/08/2019	55
75	Quiz on "EDC"	13/08/2019	60
76	Quiz on "SS"	14/08/2019	60
77	Quiz on "ECM"	16/08/2019	60
78	Quiz on "DSA"	19/08/2019	60
79	Quiz on "DE"	20/08/2019	60
80	Speak for India Pune Region Debate Competition Sponsored by Federal Bank	19/08/2019	100
81	Social Event to Help Flood Affected People at Kolhapur	19/08/2019 to 23/08/2019	12
82	Expert Lecture on "Importance and Benefits of IEI Students' Chapter"	20/08/2019	90



  
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83	Expert Lecture on "Importance and Benefits of IEI Students' Chapter"	20/08/2019	120
84	Expert Lecture on "Importance and Benefits of IEI Students' Chapter"	21/08/2019	130
85	Expert Lecture on "Base Transceiver Station (BTS) Microwave Antenna, Manchar"	23/08/2019	40
86	Historical Visit at "Shivneri Fort, Junner"	23/08/2019	40



  
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## **Samples of Activities Conducted**



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### DEPARTMENT OF CHEMICAL ENGINEERING

#### IChE Students Chapter

## REPORT - HALF DAY SEMINAR ON "Scale-up of batch process and flow chemistry in batch reactors" dated 19<sup>th</sup> Jul, 2019

The Department of Chemical Engineering and Indian Institute of Chemical Engineering (IChE) Students' Chapter organized a half day seminar on "Scale-up of batch process and flow chemistry in batch reactors" on 19<sup>th</sup> July, 2019, venue: Department Seminar Hall, Room No. 442 at 1:00 p.m. onwards. The guest of honour was Mr. Chetan Shende, Senior Scientist, Dr. Reddy's Institute of Life Sciences, Hyderabad. Ms. Manali Kulkarni, TE Chemical welcomed the audience and anchored the event. Dr. P. N. Dange, Head- Department of Chemical engineering inaugurated the event and felicitated Mr. Chetan Shende by giving memento and the Chhatrapati Shahu Maharaj autobiography, the book of his remarkable societal work. In an inaugural speech, Dr. P.N. Dange initiated the purpose of this seminar and also emphasized the utility of this seminar to Chemical engineering students in their final year projects, in small businesses and entrepreneurship works. For newly admitted second year students, it is the value addition in knowledge point of view.

The talk was divided in two halves- the first part was explained on "scale-up of batch reactors" and the second on "flow chemistry of batchreactors".

In the first part, Mr. Shende explained the design scales - lab scale, pilot plant scale and commercial scale. He also explained the necessity to scale-up the plant. In connection to the plant scale-up Mr. Shende further emphasized on batch and continuous processes. The pharmaceutical companies are usually run on batch processes and there is a huge demand of Chemical Engineers in pharmaceutical sector. In designing the process he has given lot of



  
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illustrations for selection of material for design and fabrication work. The knowledge of MOC (material of construction) is important in food and pharmaceutical sectors because of the need of high purity. The students of third year were enthusiastic and asked to give case studies regarding handling of acidic and basic materials. Mr. Shende answered that the acidic processes are carried out in Glass-lined reactors (GLR) and that of alkali in rubber-lined reactors (RLR). The life of reactor is important and accordingly it is replaced as per the maintenance and reactor life-span. In scaling the reactor from lab to pilot plant scale, the scale-up proportion is not linear. Therefore the designer should take at-most precaution to obey the National IS-standards. He further showed the criterion for fitting the right agitator blade to reactor. The example of anchor blade was really interesting for the students as it only rotates the entire mass of reactor without mixing. The final year students asked the question to manage the heat of reaction. Mr. Shende further elaborated the need of waste heat boiler, limpet coil construction and jacket to the vessel to manage the heat of reaction. Mr. Shende encouraged the students to work in batch processes, especially for third and final year students on pharmaceutical projects.

Mr. Shende explained the concepts of flow chemistry and its industrial importance. The application is extended to micro-reactors. The micro-reactors are the small reactors having all the essential properties of industrial reactor. On the other part micro-fluids are having innumerable applications in industry especially in electronics. The micro-fluids can also be used in heat pipes, electronic circuitries, and in quality control laboratories. The flow chemistry essentially based on Newton's laws of viscosity. These fluids are further broadly classified as Newtonian, Non-newtonian, Bingham plastic and dilatant. Mr. Shende emphasized that one should study the rheology of such fluids before their application. Mr. Shende, further showed stress-strain analysis and fluid properties that are essential before the applications. The second session was for almost one and half hour. Total fifty-five participants were present for the program.

Glimpses of the program are as seen in the photographs.



  
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Ms Manali Kulkarni anchoring program



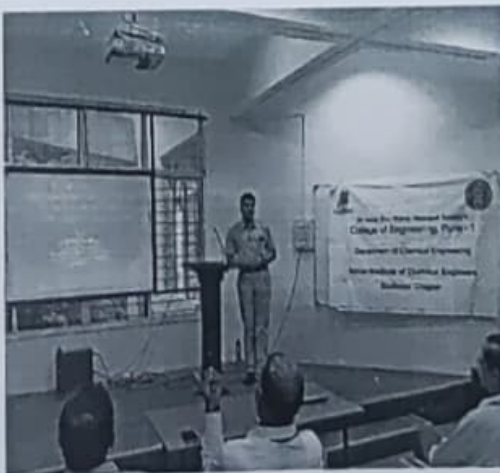
Welcome by Dr P N Dange, Head of dept.



Address by Head of department



Audience listening the address by Guest



Mr Shende briefing his content



A detailed explanation by Mr. Shende



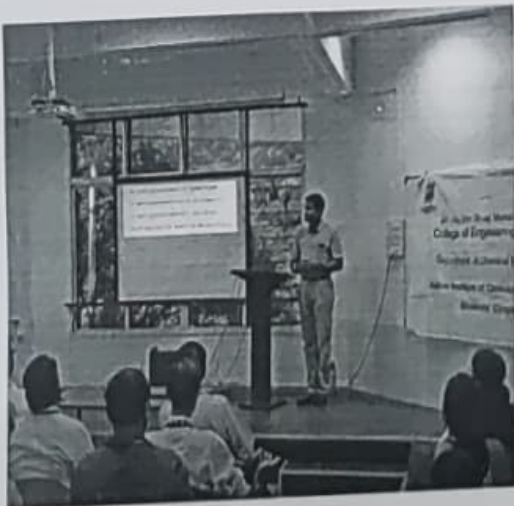
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Audience listening the talk



Solving the queries to audience



The flow chemistry concepts by Mr. Shende



Vote of thanks by Dr. Naniwadekar

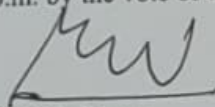
At the end of this session Mr. Shende replied to several queries raised by students especially from second year students. The session was ended at 4.45p.m. by the vote of thanks of

Dr. M. Y. Naniwadekar

Dr. M.Y. Naniwadekar

Coordinator

IICChE Students Chapter

for 

Head  
Head

Dept. of Chemical Engg.  
Department of Chemical Engineering  
AISSMS, COE, PUNE-01.



  
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All India Shri Shivaji Memorial Society's  
College Of Engineering  
Kennedy Road, Pune : 411001



Department Of Computer Engineering

## REPORT

### Demonstration Lecture on "Debugging Tools"

**Objectives of Expert Lecture:** Introduction of Debugging tools

**Date of expert:** 20<sup>th</sup> December 2019 at 11 am to 12 pm.

**Expert Name:** Mr. T Jain.


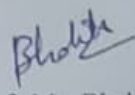
**Expert Organization:** CodeTantra Ltd.

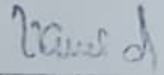
**About Expert:** Computer Engineering Department under IE(I)Students' Chapter organized Demonstration Lecture on Debugging Tools, on 20th December 2019 for Third year engineering students. 35 students actively participated in this lecture.

During student interaction, Mr. Jain spoke about the challenges students face in coding. He also explained need of debugging while writing codes in IT. All the doubts of students were well clarified by Mr. Jain. This lecture was successful enough to attract many students of Third year Computer Engineering

Glimpses of the event:



  
  
(Ms. Ankita Gupta & Ms. Bhakti Patil)  
Event Coordinators

  
(Dr. D.P. Gaikwad)

H.O.D.  
H.O.D.  
Computer Engg Dept  
AISSMS COE Pune



  
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## Activities Conducted under Club and Chapters Year 2018-19

Sr. No	Name of the Activity	Date of Conduction	No. of participants
1	Industrial Visit to Katraj Dairy Ltd. Pune	15/10/2018	35
2	Guest lecture on Pump selection and sizing in the chemical industry".	01/09/2018	42
3	Guest lecture on "Water and Biogas plant design"	03/08/2018	55
4	Workshop	12/07/2018 to 13/07/2018	46
5	Industrial Visit	04/10/2018	40
6	Safety awareness activity	22/01/2019	90
7	Project Exhibition	02/04/2019	71
8	Technical Paper Presentation	10/09/2018	05
9	One day Seminar	28/03/2019	75
10	Workshop on "Humanoid Robot"	07/09/2018 to 08/09/2018	26
11	Industrial visit at "Mapro Food Park"	31/03/2019	77
12	Technical Visit at "Dzine Arena, Pune"	19/03/2019	22



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13	Industrial Visit	22/02/2019	35
14	Social Program	23/02/2019	30
15	Workshop on "Drone Design"	21/02/2019 to 22/02/2019	50
16	Technical Visit at "Priti Enterprises (Calibration and Project Engineering)"	15/03/2019	20
17	Technical Visit at "Vidya Vani Community Radio SPPU Pune"	29/08/2018	22
18	Brain Pop	11/09/2018	64
19	Technical Cross Word	10/09/2018	56
20	Parachute Panic	11/09/2018	84
21	Workshop on "Drone Design"	21/01/2019	50
24	Workshop on "Recent Trends in IOT and Its Applications"	19/03/2019	83
25	Workshop on "IOT Applications Using Raspberry PI"	08/10/2018 to 09/10/2018	56
29	Workshop on "Signals and Systems using MATLAB"	08/10/2018	67
30	Workshop on "Embedded 'C'"	20/03/2019	40
31	Technical Visit organized at "MAHATECH-2019, Pune"	10/02/2019	25
37	Expert Lecture	24/07/2018	56



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38	Pirates of Wizard	10/09/2018	28
39	License To Kill: The Laser War	10/09/2018 to 11/09/2018	75
40	NFS	10/09/2018	34
41	Science Exhibition	12/09/2018	45
42	Expert Lecture	24/07/2018	55
43	Technical Social Program at "Tirupati Industry"	14/04/2019	42
44	Technical Social Program at "JEMS Industry"	14/04/2019	37
45	Industry visit at "Finolex Pipes Pvt. Ltd. (TE Prod s/w)"	11/04/2019	49
46	Expert Lecture on "Taguchi Method & Design of Experimentation"	28/03/2019	51
47	Industry visit at "Siddheshwar Industries Pvt. Ltd. (TE Mech)"	20/03/2019 to 22/03/2019	63
48	Industrial Visit	01/02/2019	50
49	Expert Lecture on "Industrial Significance on Tribology"	07/03/2019	55
50	Safety Workshop at "Industries in Pirngut, Pune (ACE Engg. Co., Trimurti Industries & Shree Industries, Pirngut, Pune)"	11/03/2019	52
51	Workshop on "NDT Applications in Aerospace"	01/03/2019 to 04/03/2019	124
52	Expert Lecture on "Design & Innovation"	21/02/2019	53



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53	Industry Visit at "SIAT EXPO 2019 organised by ARAI (SE Prod s/w)"	17/01/2019	51
54	Exhibition visit at "SIAT EXPO 2019 (SE/TE Prod s/w)"	17/01/2019	52
55	Expert Lecture on "Invention by Design"	11/01/2019	43
56	Industry visit at "Specialty Sintered Products Pvt Ltd., (TE Prod s/w)"	29/10/2018	39
57	Technical Social Programme at Speciality Sintered Pvt. Ltd.	29/10/2018	41
58	Expert Lecture on "PID Controller"	06/10/2018	45
59	Industry visit at "Speciality Sintered Pvt. Ltd. (SE Prod s/w)"	05/10/2019	42
60	Expert Lecture on "Principal Stresses and Strain"	03/10/2018 to 05/10/2018	44
61	Expert Lecture on "Future Prospects of Machine Tools in Manufacturing Industries"	21/09/2018	45
62	Expert Lecture on "Additive manufacturing-3D Printing Technology"	21/08/2018	46
63	Expert Lecture on "Road Safety"	19/07/2018	42
64	Lecture on "Various platforms of civil engineering"	22/06/2018	40
65	Lecture on "How to crack GATE"	20/07/2018	45
66	Felicitation of BE toppers	05/07/2018	54
67	One/week activity of making Concrete Planter	22/07/2018	53



  
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68	Celebration of Guru Poornima	27/07/2018	58
69	Durability of Concrete	10/04/2019	69
70	DC Rules and basics of town planning SE Students	12/02/2019	65
71	Amar Landmark, Baner, Pune for SE Students	09/10/2018	71
72	Forest Trails Matrix Developers, Pune for SE Students RMC plant	22/02/2019	63
73	Forest Trails Matrix Developers, Pune for SE Students water treatment plant	22/02/2019	64
74	Helmet awareness drive	22/01/2019	125
75	Physical Exercise Club daily	15/12/2018	25
76	Training on Google form	19/12/2018	38
77	Seminar on "Project Opportunities and Guidance"	29/06/2018	78
78	Seminar on "Technical Communication and Presentation Techniques"	11/07/2018	123
79	Seminar on "Opportunities in Higher Studies and GATE Preparation"	30/08/2018	133
80	Seminar on "Recent Advancement in Computer Game Development"	03/09/2018	109
81	Zeal Drag 2.0	05/03/2018	14
82	Indian Karting Championship	07/09/2018	14



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83	ISHRAE Installation chapter	08/03/2018	40
84	Expert Lecture Talk	08/03/2018	40
85	Lecture on Importance of Students' Chapter Membership	21/06/2018	65
86	Lecture "Higher Study Guidance (GATE)"	06/02/2019	77
87	Expert Lecture on "DELSIM SIMULATOR"	25/09/2018	56
88	Lecture on "Career Opportunities in Embedded System Design"	18/03/2019	46
89	Lecture on "How to start Startups? And its registration process"	09/01/2019	40
90	Expert Lecture on "Counseling"	30/11/2018	43
91	Expert Lecture on "PLC amp; Automation"	06/03/2019	40
92	Expert Lecture on "Convolution Neural Network and Recurrent Neural Network"	01/04/2019	120
93	Lecture on "Artificial Intelligence and Machine Learning"	26/02/2019 to 27/02/2019	27
94	Paper Presentation	10/09/2018	15
95	Quizzlers	10/09/2018	60
96	Technical Paper Presentation	10/09/2018	22
97	Internet Treasure Hunt	10/09/2018	72



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98	Hide n C'K	10/09/2018	46
99	Code Blodded	10/09/2018	75
100	Mock Interview	10/09/2018	30
101	Science Exhibition	12/09/2018	20 projects
102	Seminar on Project Opportunities and Guidance	29/06/2018	77
103	Seminar on Test Preparation for Higher Education	07/06/2018	52
104	Seminar on Opportunities in Higher studies and GATE preparation	30/8/2018	45
105	Seminar on Recent Advancement in Computer Game Development	09/03/2018	50
106	Seminar on Career after Graduation	22/01/2019	54
107	Seminar on Industry Orientation & Expectations from Fresh Engineers	18/01/2019	67
108	Industrial Visit at "CDAC, Pune"	09/04/2018	76
109	Industrial Visit in Bhau Institute of Innovation Entrepreneurship pune	21/09/2018	50
110	Industrial Visit at "ISRO- and HAL, Bangalore."	01/03/2019	111
111	Industrial Visit at "Kasnet Solutions Pvt ,Pune"	15/01/2019	61
112	Industrial Visit at "CodeKul Technologies Pvt Ltd,Pune."	21/01/2019	50



  
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113	Industrial Visit at "IDIDA Appplus, Pune."	21/01/2019	65
114	Industrial Visit at "PHN Technology Pvt. Ltd."	18/03/2019	81
115	Industrial Visit at "Rehtec Solutions"	04/05/2019	48
116	Short term course on "Soft Skill Training"	03/09/2018 to 08/09/2018	77
117	Short term course on "Japanese Language Training"	26/02/2019 to 26/03/2019	77
118	Short term course on "Japanese Language Training"	09/10/2018	77
119	Seminar on "Project Selection in Area of Industrial Automation"	09/07/2018	42
120	Seminar on "Recent Trends in Optical Fiber Communication"	20/03/2019	35
121	Seminar on "Recent Trends in Computer Networks"	20/03/2019	35
122	Seminar on "Personality Development"	27/08/2018	25
123	Seminar on "Overseas Study Opportunities"	26/09/2018	106
124	Seminar on "Overseas Study Opportunities"	26/09/2018	81
125	Seminar on "Solar Technology and its Applications"	08/02/2019	53
126	Seminar on "Inauguration Ceremony of Centre of Excellence in"Robotics	12/04/2019	160
127	Seminar on "Java Applet"	10/04/2019	77



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128	Seminar on "Art of Selling Through Story Telling"	16/03/2019	24
129	Seminar on "Machine Learning"	18/03/2019	122
130	Workshop on "Python Programming"	09/01/2019 to 12/01/2019	110



  
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## **Samples of Activities Conducted**

# **AISSMS College of Engineering PUNE**

**Department of Civil Engineering**

**IEI STUDENTS' CHAPTER**

**Date: 22/06/2018**

**Time: 1.00-4.00pm GUEST**

**LECTURE BY MR. PRITESH DEOKAR ON THE TOPIC OF VARIOUS PLATFORMS OF CIVIL ENGINEERING.**

Under the IEI (Institute of Engineers, INDIA) Students Chapter of CIVIL ENGINEERING DEPARTMENT of AISSMS COE PUNE, a guest lecture was conducted by MR. PRITESH DEOKAR on “VARIOUS PLATFORMS OF CIVIL ENGINEERING “ on 22/06/2018 in the CITP hall of AISSMS COE.

The Lecture was about the Various Platforms in the field of Civil Engineering. Mr. Pritesh Deokar introduced himself at the beginning. He was our Ex-Student and so he had an urge to enlighten all the students by stating the important aspects related to our career. Pritesh Deokar has completed his Bachelors from AISSMS COE and his Masters from University of Auckland, New Zealand. He is also member of alumni AISSMS COE and currently the Director of Jalgaon Construction Private Limited. He guided us about MPSC, UPSC exams, gave information about various sub fields in civil engineering in which one can go for MS. He gave information about various job opportunities after MS and also after BE. The scholarships given by Govt. and all the best universities for MS are some more things which he explained. Scope of various softwares related to civil for placement like AutoCAD, AutoCAD 3D max, Rhino, Revit and also some estimation softwares like COST X, Planwin etc were also explained by him. The importance of all the documents like Sanctioned plan, 7/12 Abstract, FSI, DC Rules for each city, NA's, NOC's etc everything was explained by him. At the end all the technical and non technical terms were also discussed. His interaction with the students in the form of group discussion and debate was attractive. Overall he was very effective and he motivated each and every student.

Students not only enjoyed discussing their doubts with him but they also got a path or way which can lead one to success. Success comes to those who willingly try to put their efforts to something what we learnt from him. At the end he motivated us for internship and also gave his contact number for being in touch with the students. The speaker was very commanding and effective. Each and every doubt was solved by him related to career orientation.

The session was concluded with vote of thanks. Finally we would like to thank our HOD. S.R. Parekar Sir and Prof M.S. Chiwande for their support and guidance, and also the whole team of IEI for their cooperation and presence.



  
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*Schivande*

Faculty coordinator  
IEI students chapter

*S.P. Pardekar*

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



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# **AISSMS College of Engineering PUNE**

Department of Civil Engineering

## **IEI STUDENTS CHAPTER**

Date: 2<sup>nd</sup> July 2018

Time: 11:30 – 12:30pm

### **GUEST LECTURE BY MR. PUSHKAR DESPANDE ON VARIOUS WAYS TO CRACK GATE**

Under the IEI Students Chapter of Civil Engineering Department of AISSMS COE, Pune, a lecture was conducted by Mr. Pushkar Deshpande on “How to crack GATE?” on

The lecture was about his experience of GATE and how easily it can be cracked. It started with a short introduction of the speaker. Being the alumni of the college, it didn't take much time to break the ice. He had an urge to enlighten all the students by sharing his experience in qualifying GATE exam. He first started with his educational background. He graduated from AISSMS COE with distinction and has been a bright student since his schooling. His consistent increase in GATE score and All India Rank has been an inspiration for all. In GATE 2016, his AIR was 4778 which consistently went up in 2018 – AIR 1757

He introduced the gathering with the GATE exam basics. The syllabus, important topics, areas of weak points, etc. The advantage of GATE AIR was a new point which barely anybody knew. The session went on smoothly for the next half an hour which was fun filled, knowledgeable enough and worth the wait.

Students not only enjoyed his session but also all the barriers were broken and doubts were cleared. Success comes to those who willingly try to put in their efforts was something what everyone learnt from him. The speaker motivated all and also shared his contact number to reach him. The session was then concluded with a vote of thanks.



  
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Pushakr deshpane adressng students



Students Present for the lecture



Pushakr deshpane adressng students



Pushakr deshpane adressng students

*Sabinwade*

Faculty coordinator  
IEI students chapter

*S.P. Deshpande*

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



*[Signature]*  
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**DEPARTMENT OF MECHANICAL ENGINEERING  
INSTITUTION OF ENGINEERS (I) STUDENTS'  
CHAPTER**



**Nature of the activity:** Technical Quiz

**Topic/Themes:** Thermal and fluid Engineering

**Activity level:** Inter-department activity

**Objective of the activity:** To create awareness and interest for the area of “Thermal and Fluid Engineering” among engineering students.

**Date and Timings:** 28<sup>th</sup> September 2018, 1 PM to 4 PM.

**Venue:** Mechanical Department Seminar hall

**Coordinator:** Prof C S Choudhari, Prof S S Patil

**Student Coordinators:** Manthan Palande, Praful Brahamankar, Pratik Dond

**No. of students Participated:** 22 **No. of students Present:** 35

**Faculties Involved:** Prof C S Choudhari, Prof S S Patil

**Outcome/Result:** A positive response from students was received. Total 13 teams participated in the activity. Each team was of two students. First round was screening test (Offline objective test). Eight teams were qualified for the semifinal round and four for final round. Three rounds for semifinals and four rounds for final were conducted.

**Winner team:** Suraj Sangle and Shubham Awchar

**Runner up team:** Pravin Pawar and Kanak Kandhare

Certificates were distributed to all the participated and winners.



## Glimpses of the event:



### Screening Test



### Oral Rounds



### Vote of thanks and conclusion

Dr. B. D. Bachchhav  
Head  
Dept. of Mechanical Engineering



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## INDEX

Sr No.	Title	Page No
1	Year wise Students' Club Achievements	1-6
2	Year wise Students' Chapter Achievements	7-8
3	Glimpses of Achievements	9-30



  
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## Students' Club Achievements

Year 2022-23	
<b>Resonance Racing eBAJA</b>	<ol style="list-style-type: none"><li>1. All India Rank 2 Engineering Design Award</li><li>2. All India Rank 2 Best 4WD Vehicle</li><li>3. All India Rank 3 Maneuverability Event</li><li>4. All India Rank 3 Suspension &amp; Traction</li><li>5. All India Rank 4 Virtual Dynamic Maneuverability</li><li>6. All India Rank 4 CAE Event</li><li>7. All India Rank 5 Virtual Dynamic All Terrain Performance</li><li>8. All India Rank 10 Sales Event</li></ol>
<b>Drone and Robotics Club(Aviot-O-Virtue)</b>	<ol style="list-style-type: none"><li>1. First Prize in Robo Soccer at IIT Hyderabad</li><li>2. First and second Prize in Robo Soccer at AISSMS IOIT</li><li>3. First Prize in Robo Race at AISSMS IOIT</li><li>4. First Prize in Robo Race at Bits Pilani Goa</li></ol>
<b>SAE SUPRA</b>	<ol style="list-style-type: none"><li>1. AIR 5- Business Plan</li><li>2. One of the 16 Teams to clear Technical Inspection out of 60 Teams</li><li>3. Recommendation for Parade Lap</li><li>4. Special appreciation by senior mechanical scrutineers for Suspension System &amp; Touch Screen Display</li><li>5. Qualified in Safety Scrutineering.</li></ol>
<b>REEV</b>	<ol style="list-style-type: none"><li>1. Overall Rank AIR-2(₹20,000)</li><li>2. AIR-1 In Group 4</li><li>3. Distinguished Student Presenter</li><li>4. Selection for Internship Through SAE REEV</li></ol>
<b>Resonance Racing Go Kart</b>	<ol style="list-style-type: none"><li>1. Indian Karting Championship Rank 5</li><li>2. Overall Rank In IKC 5: AIR 3</li><li>3. Acceleration: AIR 2</li><li>4. Skidpad: AIR 1</li><li>5. Autocross: AIR 2</li><li>6. Timetrial: AIR 3</li><li>7. Qualification: AIR 1</li><li>8. Endurance: AIR 4</li><li>9. Best Sportsmanship: AIR 1</li></ol>





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	<ol style="list-style-type: none"><li>10. Best CAE: AIR 1</li><li>11. Virtuals: AIR 5</li><li>12. REEV Season 2 Virtuals</li><li>13. REEV Virtuals : AIR 2</li><li>14. Distinguished Student Presenter</li></ol>
<b>Resonance Racing BAJA</b>	<ol style="list-style-type: none"><li>1. Overall AIR 1st Place and AIR 1st in Virtuals Online Test.</li><li>2. AIR 9th in go green event, also Team Resonance Racing secured Overall AIR 1st in virtual dynamic event</li><li>3. Secured AIR 2nd in Maneuverability,</li><li>4. AIR 3rd all terrain performance.</li><li>5. Suspension-Traction 2nd</li><li>6. Maneuverability 1st</li><li>7. Endurance 9th</li><li>8. Overall Dynamic 3rd</li><li>9. Overall season 2023 5<sup>th</sup></li><li>10. Overall season AIR5</li><li>11. ATP VD AIR3</li><li>12. Overall dynamic AIR3 Virtual round AIR3</li><li>13. Overall virtual dynamic AIR1</li><li>14. Maneuverability VD AIR2</li><li>15. Overall statics AIR9</li><li>16. Endurance AIR9</li><li>17. Suspension and traction AIR2</li><li>18. Manoeuvrability AIR1</li></ol>

<b>Year 2021-22</b>	
<b>Resonance Racing eBAJA</b>	<ol style="list-style-type: none"><li>1. AIR 2 - Suspension &amp; Traction.</li><li>2. AIR 3 - All Terrain Performance</li><li>3. AIR 4 – Maneuverability</li><li>4. AIR 5 - Overall Virtual Dynamic Event</li><li>5. AIR 12 -Design Evaluation</li></ol>
<b>Daxus Club</b>	<ol style="list-style-type: none"><li>1. 04 students received Internship in Data Science at CSM Technologies and Sumasoft Pvt.Ltd</li></ol>
<b>Garudashwa</b>	<ol style="list-style-type: none"><li>1. Technical Design Report: 1ST RANK</li><li>2. Overall Result: 2nd RANK</li></ol>





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	3. Technical Presentation: 4th RANK
<b>Resonance Racing BAJA</b>	<ol style="list-style-type: none"><li>1. 2nd overall in physical even</li><li>2. 2nd in Suspension &amp; traction</li><li>3. 3rd in virtual suspension &amp; traction</li><li>4. 3rd manufacturing event</li><li>5. Overall 5<sup>th</sup> Rank</li></ol>

Year 2020-21	
<b>IUCEE</b>	<ol style="list-style-type: none"><li>1. Certificate of completion to Aishwarya Patil for completing Introduction to Entrepreneurship course</li><li>2. Certificate of participation to Monali Patil for attending 8th International conference on transformation in Engineering education</li></ol>
<b>Resonance racing BAJA</b>	<ol style="list-style-type: none"><li>1. Virtual Baja 2020</li><li>2. Overall <b>AIR 16<sup>th</sup></b> Place and <b>AIR 4<sup>th</sup></b> in Virtuals Online Test</li></ol>
<b>Garudashwa</b>	<b>SAEISS (REGULAR CLASS):</b> <ol style="list-style-type: none"><li>1. Overall Result: 3rd IN INDIA</li><li>2. Technical Presentation: 2nd IN INDIA</li></ol> <b>SAEISS (MICRO CLASS):</b> <ol style="list-style-type: none"><li>1. Overall Result: 2nd IN INDIA</li><li>2. Technical Presentation: 2nd IN INDIA</li></ol>
<b>SAE SUPRA</b>	<ol style="list-style-type: none"><li>1. Formula Bharat 2021- Overall 46th Rank</li></ol>
<b>Efficycle</b>	<ol style="list-style-type: none"><li>1. Best Project plan and design validation plan</li></ol>



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<b>Year 2019-20</b>	
<b>Drone and Robotics Club(Aviot-O-Virtue)</b>	<ol style="list-style-type: none"><li>1. 1st Position in Robo Soccer at IIT Bhubaneshwar</li><li>2. 4th Position in Robo War IIT Bhubaneshwar</li><li>3. 1st Position in Robo Soccer at IIT Hyderabad</li><li>4. 1st Position in Robo Soccer at IIIT Pune</li><li>5. 1st Position in Robo Wrestling at AIT Pune</li><li>6. 1st and 2nd Position in Drone at AISSMS IOIT</li><li>7. 2nd Position in Robo Soccer at AISSMS IOIT</li><li>8. 24 1st Position in Robo Wrestling at SIT</li><li>9. 2nd Position in Robo Wrestling at SIT</li><li>10. 1st Position in Drone at SIT</li><li>11. 2nd Position in Drone at SIT</li><li>12. 1st Position in Robo Maze at SIT</li><li>13. 2nd Position in Robo Maze at SIT</li><li>14. 2nd Position in Robo Soccer at D Y Patil College</li><li>15. 3rd Position in Robo Soccer D Y Patil College</li><li>16. 3rd Position in Robo Wrestling D Y Patil College</li><li>17. 1st Position in Robo Soccer at VIIT</li><li>18. 4th Position in Robo Soccer at BITS</li></ol>
<b>Garudashwa</b>	<p><b>SAEISS Southern Section (Regular Class):</b></p> <ol style="list-style-type: none"><li>1. Overall Result: 2nd nationally.</li><li>2. Design Report: 3rd nationally.</li><li>3. Presentation: 4th nationally.</li></ol> <p><b>SAE International West (Advance Class):</b></p> <ol style="list-style-type: none"><li>1. Presentation: 10th globally.</li><li>2. Overall Result: 9th globally.</li><li>3. Design Report: 12th globally.</li><li>4. Our team stood first amongst all other international teams in the series of CDS Quarantine challenges</li></ol>
<b>Resonance racing Go Kart</b>	<ol style="list-style-type: none"><li>1. Zealdrag 3.0 (2019) -Zeal College, Pune</li><li>2. Best Design Award</li><li>3. Overall Rank – 4</li><li>4. Indian Karting Championship 4 (2020)</li><li>5. Best Design Award</li><li>6. Overall Rank – 4</li></ol>





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<b>Resonance racing BAJA</b>	<ol style="list-style-type: none"><li>1. Virtual Baja 2019</li><li>2. Overall AIR 7th Place and AIR 1st in Virtual Online Test.</li><li>3. All India Rank 7th in BAJA SAE INDIA Virtual Event</li></ol>
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<b>Year 2018-19</b>	
<b>Drone and Robotics Club(Aviot-O-Virtue)</b>	<ol style="list-style-type: none"><li>1. 1st position in quadcopter challenge at AISSMSCOE, Pune</li><li>2. 1st position in Drone competition at Symbiosis International University, Pune</li><li>3. 1st position in Drone competition at AISSMS IOIT, Pune</li><li>4. 1st Position in Robo Soccer at AISSMS IOIT, Pune</li><li>5. 1st Position in Robo Wrestling at Symbiosis International University, Pune</li><li>6. 1st Position in Robo Maze at Symbiosis International University, Pune</li><li>7. 1st Position in Robo Soccer at VIIT, Pune</li><li>8. 2nd Position in Drone competition at Symbiosis International University</li><li>9. 2nd Position in Robo wrestling at Symbiosis International University</li><li>10. 2nd Position in Robo Maze at Symbiosis International University, Pune</li><li>11. 2nd Position in Robo wrestling at D Y Patil</li><li>12. 2nd Position in Drone competition at AISSMS IOIT</li><li>13. 2nd Position in Robo Soccer at AISSMS IOIT</li><li>14. 3rd Position in Robo wrestling at D Y Patil</li><li>15. 3rd Position in Robo soccer at D Y Patil</li><li>16. 4th Position in Robo soccer at BITS Goa</li></ol>
<b>SAE SUPRA</b>	<ol style="list-style-type: none"><li>1. Formula Bharat 2018- 10th In BLC And Overall 38th Rank</li><li>2. Formula Bharat 2019- Overall 25th Rank</li></ol>





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<b>Resonance racing Go Kart</b>	<ol style="list-style-type: none"><li>1. Zeal Drag 2.0</li><li>1. Best Design</li><li>2. Drag Race Winner</li><li>3. 2nd In Skidpad</li><li>4. Indian Karting Championship 2</li><li>5. OVERALL 4TH</li><li>6. 2ND IN SKID PAD</li><li>7. National Super karting Championship</li><li>8. Overall, Runner Up</li><li>9. 1st In Skidpad</li><li>10. 1st In Build Quality</li><li>11. 1st In Design</li><li>12. 2nd In Traction</li><li>13. 2nd In Acceleration Best Prototype</li><li>14. Design Award.</li></ol>
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## Students' Chapter Achievements

Year 2022-23	
<b>IEI</b>	1. Best Students Chapter Award
<b>IUCEE</b>	1. Received award for outstanding presentation in IUCEE student summit 2. Certificate of appreciation to Mrs. M M Swami for Contribution as Faculty Mentor for Artificial Intelligence for all 3. Shruti Teltumbade, Arya Patil and Sameedha More got selected in top 3 position in IASF 22 for the project Cost effective Air Purifier
<b>IWWA</b>	1. First Prize in Poster presentation competition at IWWA, Pune
<b>TRIZ</b>	1. Pratul Mulik - TRIZ for solving practical tasks -Third prize 2. Rohan Mane - TRIZ for solving practical tasks -Third prize 3. Shreyas Parchure - TRIZ for solving practical tasks - Third prize 4. Dnyaneshwar Thombare - TRIZ for solving practical tasks -Third prize

Year 2021-22	
<b>ISTE</b>	1. Letter of Appreciation to Institute 2021-22
<b>IEI</b>	1. National level scholarship to 09 students worth Rs.102000/- 2. Best Students Chapter Award
<b>IEEE</b>	1. Outstanding Student Branch Counselor-2021-22 2. Student Member Volunteer of The Year-2021-22 3. Outstanding Student Branch Chair-2021-22





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## Year 2020-21

<b>IEEE</b>	1. Emerging Student Branch Award
<b>IEI</b>	1. Best Student Chapter Award
<b>IIChE</b>	1. Students received Internship
<b>IUCEE</b>	1. Certificate of completion to Aishwarya Patil for completing Intro to Entrepreneurship course 2. Certificate of participation to Monali Patil for attending 8 <sup>th</sup> International conference on transformation in Engineering education

## Year 2019-20

<b>IEI</b>	1. Best Student Chapter Award
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## Year 2018-19

<b>IEI</b>	1. Best Student Chapter Award
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## Glimpses of Achievements



  
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Resonance Racing Go Kart Team



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## ACHIEVEMENTS 2018-19

### AVIOT-O-VIRTUE Drone and Robotics club

- 1<sup>st</sup> Position in Quadcopter Challenge at AISSMS COE, Pune
- 1<sup>st</sup> Position in Drone Competition at Symbiosis International University, Pune
- 1<sup>st</sup> Position in Drone Competition at AISSMS IUIT, Pune
- 1<sup>st</sup> Position in Robo Soccer at AISSMS IUIT, Pune
- 1<sup>st</sup> Position in Robo Wrestling at Symbiosis International University, Pune
- 1<sup>st</sup> Position in Robo Maze at Symbiosis International University, Pune
- 1<sup>st</sup> Position in Robo Soccer at VIT, Pune
- 2<sup>nd</sup> Position in Drone Competition at Symbiosis International University, Pune
- 2<sup>nd</sup> Position in Robo Wrestling at Symbiosis International University, Pune
- 2<sup>nd</sup> Position in Robo Maze at Symbiosis International University, Pune
- 2<sup>nd</sup> Position in Robo Wrestling at D Y Patil, Pune
- 2<sup>nd</sup> Position in Drone Competition at AISSMS IUIT, Pune
- 2<sup>nd</sup> Position in Robo Soccer at AISSMS IUIT, Pune
- 3<sup>rd</sup> Position in Robo Wrestling at DY Patil, Pune
- 3<sup>rd</sup> Position in Robo Soccer at DY Patil, Pune
- 4<sup>th</sup> Position in Robo Soccer at BITS Pilani, Goa

Aviot-O-Virtue Students' Club Achievements



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Team Resonance Racing Participation in Effi-Cycle Event



IEI Best Engineering College Students' Chapter Award



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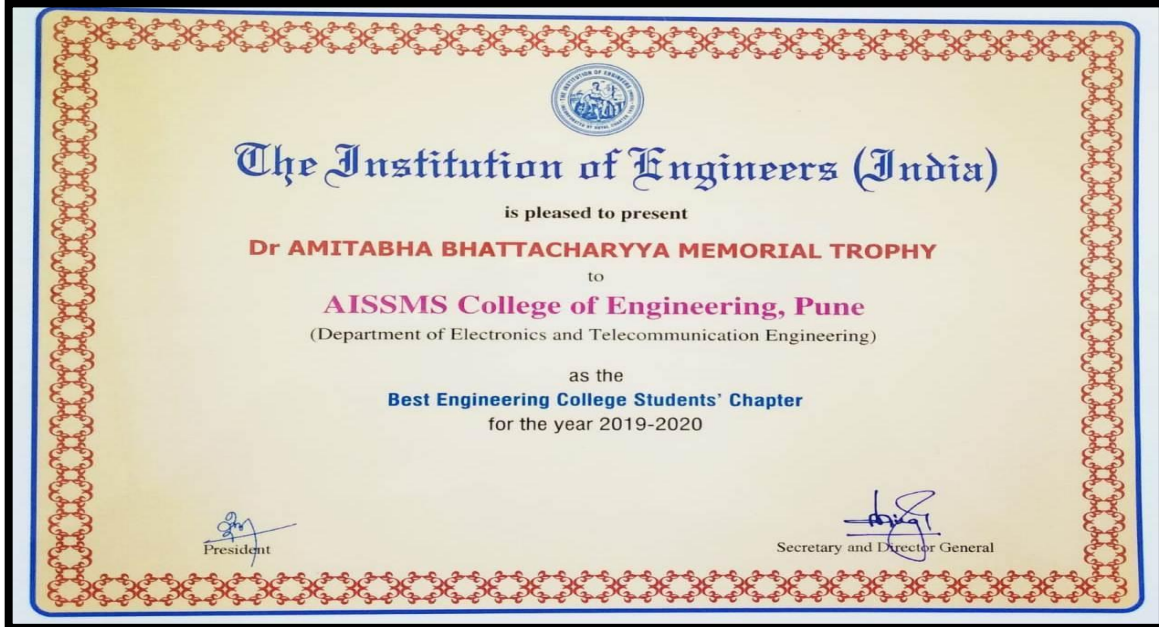
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IEI Best Engineering College Students' Chapter Award



Team Garudashwa Overall Result: 2nd nationally, Design Report: 3rd nationally.  
Presentation: 4th nationally.





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Team Resonance Racing received Best Project Plan Award in Effi-Cycle

Team Resonance Racing received Best Project Plan Award in Effi-Cycle



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First Prize in Robo Soccer at IIT Bhubaneshwar



Go-Kart Winner Team





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First Prize in Robo Soccer at IIT Bhubaneshwar



First Prize in Robo Soccer at IIIT Hyderabad





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First Prize in Robo Soccer at IIIT Hyderabad



First Prize in Robo Soccer at IIIT Pune







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First Prize in Robo Wrestling at AIT Pune



First Prize in Drone, Second Prize in Drone and Second Prize in Robo Soccer at AISSMS IOIT





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First Prize in Robo Wrestling, Second Prize in Robo Wrestling, First Prize in Drone, Second Prize in Drone, First Prize in Robo Maze, Second Prize in Robo Maze at SIT



First Prize in Robo Soccer, Second Prize in Robo Soccer, First Prize in Drone at AISSMS IOIT





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Second Prize in Robo Soccer, Third Prize in Robo Soccer, Third Prize in Robo Wrestling at DYP COE



First Prize in Robo Soccer at VIIT



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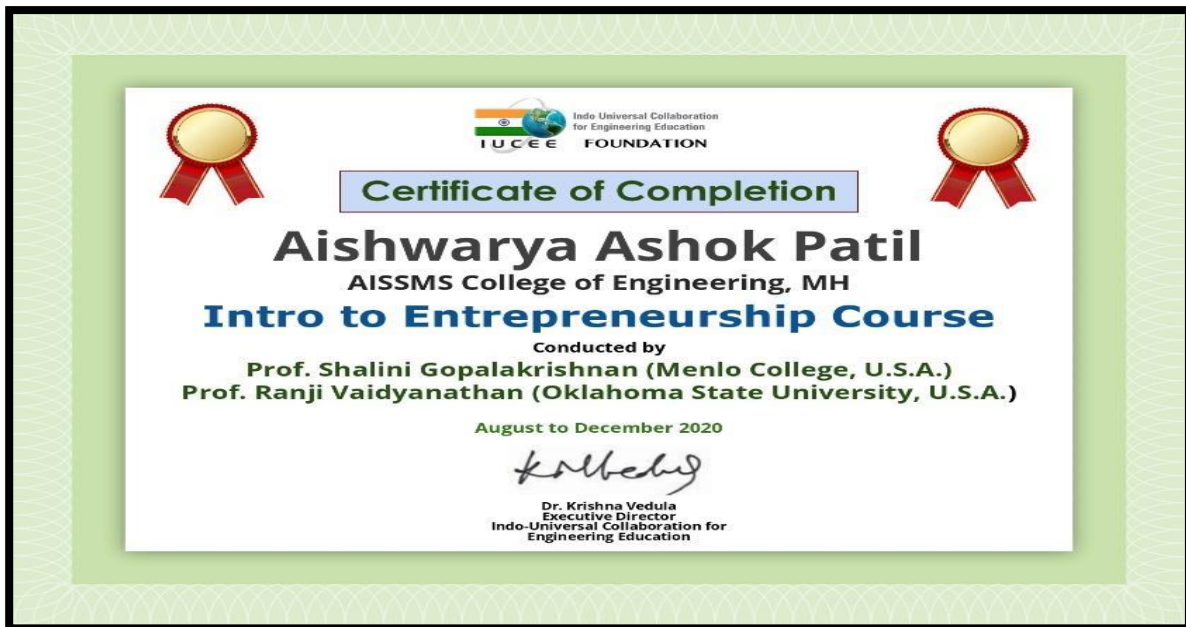
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4th Position in Robo Soccer at BITS



IUCEE Course Completion Certificate





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## भारतीय तकनीकी शिक्षा संस्था

### INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXV of 1860)

ISTE/HQ/SM-2020-21

Dated : 18-02-2021

Sir,

**Sub : Letter of Appreciation**

Greetings! As we know we had a very tough time this year due to pandemic which has not only disturbed our life but also affected many routine activities including education and our students suffered a lot due to prevailing uncertainty and delayed academic session. I sincerely acknowledge that despite variety of tough circumstances, medical concerns, health issues etc. your constant involvement and persistent hard work towards various student activities remain unaffected which is really laudable.

We acknowledge with thanks the receipt of student membership from your student chapter for which student cards and receipt has already been sent to you separately. I realize that without your personal efforts, this quick enrolment of student membership soon after post COVID admissions would not have been achieved. This will certainly find new ways of achieving our goals and this kind of your personal involvement towards ISTE is really unparalleled.

Once again I on my personal behalf and on behalf of ISTE thank you for your dedication and diligent efforts towards enrolling Student membership of ISTE and we highly value the contribution of Faculty Advisor/Principal /Incharge of Student Chapter and all those involved with ISTE Student Chapter of your esteemed institution and sincerely appreciate their efforts and deserve huge applause.

I look forward the same kind of cooperation from you in future.

Thanking you,

With Regards,

Yours faithfully,

(Prof. V D. Vaidya )  
Executive Secretary

To  
The Principal

Letter of Appreciation from ISTE





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Organized by **SAEINDIA** Society of Automotive Engineers INDIA

Under the aegis of **CHITKARA UNIVERSITY**

**EMBRACING CHALLENGES**

**CERTIFICATE OF APPRECIATION**

This is to certify that  
**Chandrashekhar Dharankar**  
representing  
**All India Shri Shivaji Memorial Society's College of Engineering**  
has secured **3rd Runner Up [4th Prize] mBAJA** category  
in BAJA SAEINDIA 2021 event, organized by SAEINDIA under the aegis of Chitkara University  
from 21st to 25th April 2021.

**Sagar Bendre**  
Jt. Convener  
BAJA SAEINDIA 2021

**Harshit Merchant**  
Convener,  
BAJA SAEINDIA 2021

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Third Runner Up in mBAJA Cetegoryat BAJA SAEINDIA Event

**IEEE Pune Section**  
**CERTIFICATE OF APPRECIATION**

**IEEE PUNE SECTION AWARDS 2020**

**IEEE PUNE SECTION EMERGING STUDENT BRANCH 2020 AWARD**  
is proudly presented to

**IEEE STUDENT BRANCH AISSMS COLLEGE OF ENGINEERING (STB-98723)**

For enthusiastic support to the section /chapter activities, new initiatives & contributions, commitment for technical development of engineers and students at large.

**MR. TUSHAR MOTE**  
CHAIR  
IEEE PUNE SECTION AWARDS

**MR. GIRISH KHILARI**  
CHAIR  
IEEE PUNE SECTION

Certificate for the IEEE Pune Section Emerging Branch Award



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COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

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Sr. No.	Name of the Students	Class	Scholarship Amount (Rs)
1	Ms. Likhita Pawan Bhujade	FE E&TC	14,000/-
2	Mr. Prajwal Rajendra Kakande	FE E&TC	14,000/-
3	Mr. Rushikesh Umesh Pawar	FE Comp	14,000/-
4	Mr. Pawan Maruti Powar	FE Comp	14,000/-
5	Ms. Janvi Sanjay Mahapadi	FE E&TC	6000/-
6	Ms. Prachi Rajendra Kshirsagar	TE E&TC	6000/-
7	Mr. Vijay Dattatray Amble	TE E&TC	14,000/-
8	Mr. Niraj Namdev Sabale	TE E&TC	6000/-
9	Ms. Deepali Rajendra Dalvi	TE E&TC	14,000/-
<b>Total Scholarship Received</b>			<b>1,02,000/-</b>



Nine Students bagged National Level Scholarship of The Institution of Engineers (India)





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## INTERNATIONAL RUSSIAN-CHINESE-INDIAN ONLINE STUDENT CONFERENCE AND COMPETITION TRIZ TECHNOLOGIES - 2022 (International Stage)

**DNYANESHWAR THOMBRE**

WORKSHOP:

TRIZ for solving practical tasks

**THIRD PRIZE**



Rector Komsomolsk-na-Amure  
State University

E. A. Dmitriev

25.11.2022

Third Prize in International Russian-Chinese-Indian Online Student Conference and Competition TRIZ Technologies



Participation certificate in Eighth International Conference on Transformation in Engineering Education







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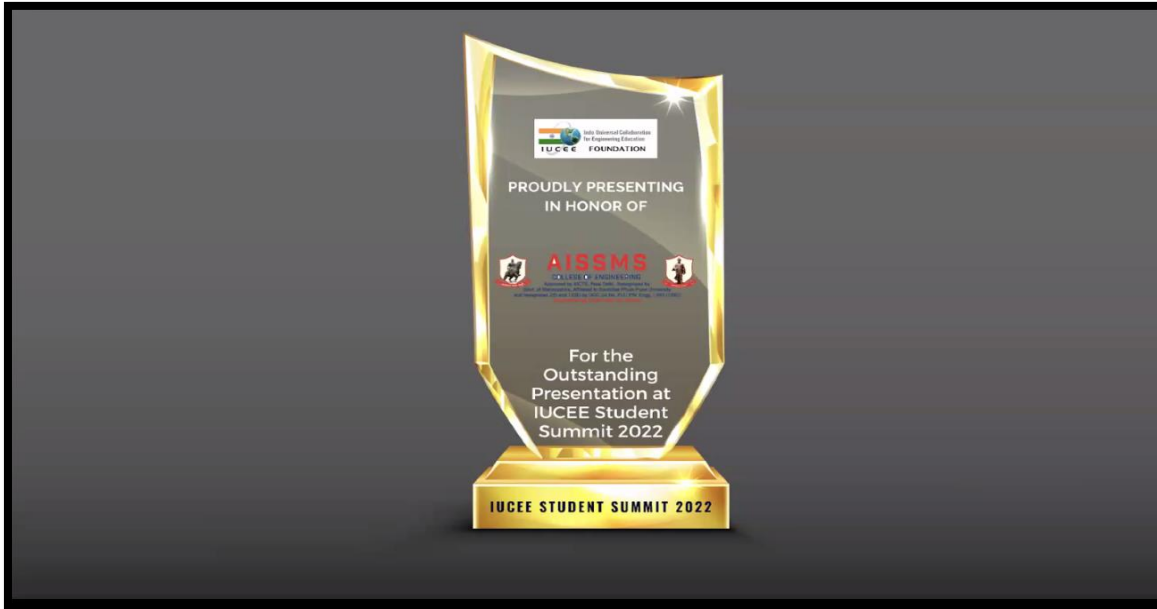


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Outstanding presentation Award at IUCEE Student Summit 2022





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5/2/22, 12:10 PM

Gmail - Congratulations – Amazon offer details enclosed!



ankita ugale <ankita23ugale@gmail.com>

## Congratulations – Amazon offer details enclosed!

1 message

Student Connect APAC <noreply@gemalserver.com>

Thu, Mar 17, 2022 at 2:51 PM

Reply-To: Student Connect APAC <studentconnect-apac@amazon.com>

To: Ankita <ankita23ugale@gmail.com>

Hi Ankita,

You got the job! We are thrilled to extend you an offer to join Amazon as **Software Development Engineer** that starts on **June/July 2022 (tentative)**. Congratulations!

We know that managing school commitments and job interviews is a lot, and we appreciate the time and effort you dedicated to the process.

Please review your offer details below, and complete [this survey](#) by **March 21, 2022** so we can capture your offer status and note your location preferences. We also encourage you to take a look at the [mandatory onboarding documents](#) that you will need to submit closer to your start date.

To Prepare for your onboarding, please complete the below action item by **March 21, 2022**.

Review any personal information including name, current address and contact number on your Amazon Jobs Portal page. This information will be used for background checks and to generate your offer documents.

Base Pay	Sign-on Bonus Year 1	Sign-on Bonus Year 2	Restricted Stock Unit (RSU) Value (4 years) *
15,50,000	950,000	600,000	13,14,713

\*The vesting cycle is 5% after Year 1, 15% after Year 2; and thereafter, 20% every six months until fully vested.

The sign-on bonus is paid in monthly installments for both years. In addition, your offer includes the following benefits:

- Relocation allowance.** You are entitled to one of the two options for relocation if the city location of your offer is equal to or more than 250 km from your current location. We will ask for your decision closer to your start date.
  - Lump sum** (self-managed move). If you select this option, a one-time payment of INR 150,000 will be offered to you to cover all expenses related to relocation.
  - Core package** (Amazon-assisted move) detailed information will be shared closer to date of joining but will include travel, moving, storage, and transit stay.
- Leave policy.**
  - Annual leave** of 15 working days in a financial year.
  - Sick leave** of 12 calendar days in a financial year.
  - Casual leave** of 12 calendar days in a financial year.
  - Mandatory and optional holidays** of 10 days in a calendar year.
- Transportation service** is provided for select Amazon offices/entities and cities based on:
  - Any tier 1 city** (Bangalore, Hyderabad, Chennai, Mumbai, NCR and Kolkata), you will receive INR 4,000 per month.
  - Any other city**, you will receive INR 1,500 per month.

Developer Student Club Lead received Amazon Job Offer of 45LPA





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Certificate of Appreciation to Faculty Mentor from IUCEE



Team Garudashwa : Best Aerodynamic Analysis: First Rank





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Team Garudashwa: Technical Design Report: First Rank, Overall Result: Second Rank,  
Technical Presentation: Fourth Rank at Van Nuys, California, USA

**AISSMS**  
COLLEGE OF ENGINEERING  
Department of Electronics and Telecommunications  
Drone and Robotics club

**AVIOT-O-VIRTUE**  
PERSISTENCE TO PERFECTION

**ACHIEVEMENTS:**  
2022-23

1. IIT Hyderabad - 1st Robo soccer
2. AISSMS IOIT - 1st & 2nd Robo soccer
3. BITS PILANI GOA - 1st Robo Race, 2nd Robo Race

Aviot-o-virtue, AISSMS COE

Team Aviot-O-Virtue Achievements





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After successfully completing the phase 2 of BAJA SAEINDIA 2022, we're glad to share result of our Debut season. With every team member's determination, hard work and patience we, the Resonance Racing eBaja Team has secured the following ranks in the specified category.

- AIR 2 - Suspension & Traction.
- AIR 3 - All Terrain Performance
- AIR 4 - Maneuverability
- AIR 5 - Overall Virtual Dynamic Event
- AIR 12 - Design Evaluation

## Team Resonance Racing Awards



INDIAN WATER WORKS ASSOCIATION

55<sup>th</sup> Annual Convention - Pune



## CERTIFICATE

This is to certify that,

*Mr./Ms. **Kalpesh P. Patil** participated and secured **First** position in Poster Competition in 55<sup>th</sup> Annual Convention, held at Pune on 22<sup>nd</sup> January, 2023 organised by Indian Water Works Association.*

**Dr. P. B. Nangare**  
Chairman – Poster Competition

**Er. K. N. Pate**  
Org. Secretary

**Dr. D. B. Panse**  
Org. Vice Chairman

**Er. S. B. Bhujbal**  
C.E. MJP, Nashik Region  
Org. Chairman

Indian Water Works Association, Pune Centre

## First Prize in Poster Competition organized by IWWA





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Organized by **SAEINDIA**

**Speed** High Performance Parts

**PRESENTS BAJA SAEINDIA 2023**

**1st RUNNER UP**

**SPECIALITY EVENT AWARD**

Under the aegis of **REFUEL RECHARGE REINVENT**

Amount: **₹ 15,000/-**

**Fifteen Thousand Rupees Only**

mBAJA - Pithampur

Date: 18th February 2023

Team mBAJA First Runner Up Speciality Event Award

**SAEINDIA** **REEV** **SAEINDIA**

**REEV Virtuals 1st Runner Up**

This is to certify that team **Resonance Racing** from **All India Shri Shivaji Memorial Society College of Engineering, Pune.** are the 1st Runner Up of **REEV Virtuals 2022**, held on 9th April 2022

**SAEINDIA** **REEV** **SAEINDIA**

**Group 4 Winners**

This is to certify that team **Resonance Racing** from **All India Shri Shivaji Memorial Society College of Engineering, Pune.** are the winners of **Group 4 (DFMEA, Cost Book, Mass, Vehicle Performance, Procurement plan, Bill of Materials, Business Presentation)** in "REEV 2021-22" Virtuals held on 9th April 2022

**SAEINDIA COLLEGE OF ENGINEERING PUNE**

Team REEV Achievements



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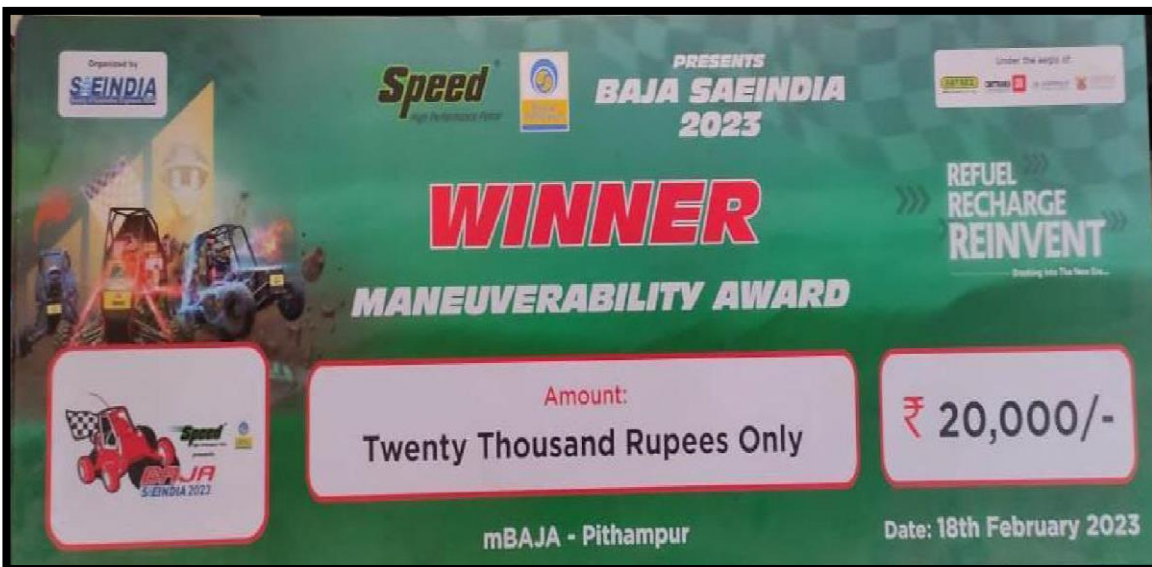
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Team Photo with Trophy

Team Reev Achievements



Team mBAJA Winner Maneuverability

