



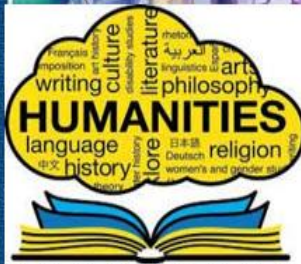
SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Engineering and Information Technology
An Autonomous Institute affiliated to University of Mumbai
Accredited by NAAC and NBA, Approved by AICTE, New Delhi



DEPARTMENT OF BASIC SCIENCE & HUMANITIES

BS&H BYTES
BIANNUAL NEWSLETTER
JULY - DECEMBER 2020



Somaiya Ayurvihar Complex, Eastern Express Highway, Sion (East), Mumbai. 400 022, India
Telephone: (91-22)24061404, 24061403 email: principal.tech@somaiya.edu, Web: www.somaiya.edu/kjsieit

Vision
Mission
Quality Policy
Objectives of the Institute

Vision

To emerge as a synonym of quality, excellence, and commitment in the field of engineering education by unlocking potential, nurturing talent and transforming young minds to create future-ready engineers.

Mission

- To provide students with a thorough knowledge of engineering to refine their professional skills.
- To nurture creativity and innovation while encouraging multidisciplinary interaction.
- To train students to be industry ready and capable of working effectively as an individual and in teams.
- To inculcate ethical behaviour, responsibility, and commitment among students.

Quality Policy

- To conform to the requirements of regulatory authorities viz; All India Council for Technical Education (AICTE), Directorate of Technical Education (DTE) and UoM.
- To maintain transparency and fair practices in admission and recruitment processes.
- To ensure continuous evaluation and examination process.
- To ensure best academic ambience by providing high-end equipments in the laboratories, computers, learning resources and smart classrooms.
- To ensure a safe and secure environment for all stakeholders.
- To promote industry Institute interaction, research and development, placements, technical, co-curricular and extracurricular activities.

Objectives of the Institute

- To focus on persistent improvement in processes related to teaching, learning, and evaluation and to promote a culture of research and development among staff and students.
- To develop technical and interpersonal skills so that the students translate knowledge into action contributing to the benefit of the society.
- To enhance the learning experience of students by honing versatility through diverse activities.

Basic Science & Humanities

Vision

Department of Basic Sciences & Humanities tries to inculcate the knowledge of dynamic combination of science, technology and humanities by nurturing the basic technical skill-sets and honing professional decorum

Mission

- To promote ethical values and social responsibility through novel learning techniques in basic sciences and humanities.
- To improve logical thinking of students for knowing scientific truth, solving problems, and making good decisions.
 - To develop ethical sensibilities through value based education



The Department of **Basic Science and Humanities** started in the year 2001 as the First Year Engineering Department. The Department of Basic Science and Humanities endeavors to accomplish the objectives concerned with the Engineering courses. It aims to widen intellectual perspectives and promotes social responsibility through an innovative learning process while making the students industry ready. The department has an intake of 360 students with four branches in engineering—

- *Computer Engineering,*
- *Artificial Intelligence & Data Science*
- *Electronics & Telecommunication Engineering,*
- *Information Technology.*

A MESSAGE BY BS&H HEAD: DR. HARSHA MISHRA

The BS&H Department seeks to apply the blending principles of Humanities & Sciences for evolving technologies that aid Human Development and conservation of the environment. Accordingly, the experienced faculty & staff endeavors to mould its students into professionally excellent engineers, imbued with a sense of responsibility and sensitivity towards the environment. The department strives to provide students with state of the art engineering education with a strong foundation of values. The department aspires to provide an ecosystem which nurtures innovation and creativity, and fosters interdisciplinary studies.

I extend best wishes to the stakeholders and a rewarding experience in the department of Basic Sciences & Humanities !



Dr. Harsha Mishra
Head of BS&H

BASIC SCIENCE & HUMANITIES IN HALL OF FAME

Team KJSIEIT-New Leap Initiative has been Awarded the prestigious Amateur Radio Club License by Government of India on 10th September, 2020

Team KJSIEIT-New Leap Initiative has been Awarded the prestigious Amateur Radio Club License with Callsign VU2CWN for Club for Radio Operations and Wireless Network (CROWN) By Wireless Planning and Coordination Wing of Department of Telecommunications, Government of India on 10th September, 2020.

Brief Background: In 2017, the New Leap Initiative (NLI) club was established with the group of enthusiastic students in the direction of the satellite Program. The team went on to become an innovation hub pioneering several activities like developing a student nano-satellite, coordinating amateur radio activities on campus, tracking Low Earth Orbit satellites with their ground station setup and working with Institute's industry partner Databyte Services and Systems for developing Radiosonde equipment for use by Armed forces and Meteorological department of India.

One of its major works has been in promoting Amateur radio activities for students and faculties. Thus, a dedicated sub-group within the team started work of establishing an official Amateur Radio Club at institute, so that it could cater the licensed faculties and students well and college can have its own repeater and radio setup. They named this "Club for Radio Operations and Wireless Network (CROWN)". Today, the group has finally been able to get an official club license for college with callsign "VU2CWN" by Wireless Planning and Coordination Wing of Department of Telecommunications. Team will soon publish details about membership of the club, licensing examinations for HAM radio aspirants etc. on the institute's website. Getting this license was essential for making frequency coordination requests for upcoming satellites in the name of a college club entity rather than an individual HAM license holder. The license will also enable us to put on a VHF FM repeater at Institute which can serve crucial roles in disaster management emergency communications across Mumbai. Apart from this other radio-based experiments and competitions can be conducted in college premises due to this license.



KJSIEIT- New Leap Initiative Team

In the month of February 2017, KJSIEIT started its preparation to take a giant leap into final frontier of space, with a team called "*New Leap Initiative*". Over the years team not only worked on realizing the space dream of the institute but also has brought laurels in all India competition organised by ISRO "Touch the Jovian moon Lander Mission Design Contest" and developed equipments for use by Navy and Indian Meteorological Department (Upper Air Sounding System being developed in association with Databyte Services and System). Thus, the NLI Team has cleared one of the important milestones in its journey to Low Earth Orbit.

Last year, Indian Space Research Organization (ISRO) made an announcement of opportunities for its PS4-Orbital Platform program seeking proposals for innovative experiments and technology demonstrations to be carried out on the 4th stage of Polar Satellite Launch Vehicle after it deploys its main satellite. The 4th stage platform provides communication, power and stabilization systems for the proposed experiments.

The NLI team proposed a technology demonstration experiment in the domain of PocketQube standard satellites, which are even smaller than Cubesats. Wherein a 1U CubeSat is 10cm*10cm*10cm volume and 1.3kg mass, a 1p PocketQube is 5cm*5cm*5cm volume and 250 grams mass. The demonstration that the team has proposed is of its innovative design for the deployment of PocketQube style satellites, which if successful will give our country indigenous capability to launch PocketQube style satellites. The second part of the demonstration is 2p size (10cm*5cm*5cm) PocketQube named "BeliefSat-1" which will be deployed out of the said deployer and will at the same time demonstrate an inexpensive and easily accessible way of building PocketQube satellites, while also demonstrating the communication system developed inhouse which once proved can be used on future satellite missions. More details about the satellite are available at <https://github.com/NewLeapKjsieit/BeliefSat> as the satellite is being developed in open- source domain.

In the next 6 months, the NLI Team will commence integration of the satellite, fabrication of the deployer, work for getting required regulatory clearances, testing

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of individual subsystems, environmental testing and certification for the whole integrated payload followed by submission to ISRO. In the words of the team "373 miles (600km orbit) more to reach promises to keep, before we go to sleep!"
#Webelieve

KJSIEIT-NLI Team Documentary Letter: ISRO Selects KJSIEIT's Student Satellite Team's Proposal for Launching Experimental Satellite Platform Aboard PS4-OP Program on November 10, 2020.



KJSIEIT-New Leap Initiative (NLI Team)



Mrs. Gauri Gothivrikar: Media Clipping of 18th Dec, 2020 in Maharashtra Times on the vital role of E-library in college education.

KJSIEIT-New Leap Initiative (NLI) --the article featured Dr. Suresh Ukarande, Principal, & Dr. Umesh Shinde & Team. The article features achievement as ISRO Selects KJSIEIT's Student Satellite Team's Proposal for Launching Experimental Satellite Platform Aboard PS4-OP Program on 10 November, 2020

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Dr. Suresh Ukarande, Principal, & Dr. Umesh Shinde & Team. Media Clipping of 21 Dec, 2020

BASIC SCIENCE & HUMANITIES EVENTS

Webinar on "Chemistry for Engineers Organized on 6th July, 2020

A webinar on "CHEMISTRY FOR ENGINEERS" was organised by ACS Students Chapter along with Department of Basic Sciences and Humanities for all faculties/students of various departments and Institutes on 6th July 2020 at 11.00 am onwards.

Chemistry as a discipline is involved with the study of nature, composition and properties of matter. There are various reasons why Chemistry has such a huge importance in Engineering. Chemistry is the basis of electronic and mechanical component design. Computer Engineering is also inseparably tied to Chemistry, because Computer manufacturing is dependent on some of the most cutting edge and in demand skills of Chemistry. Hence the webinar was organized in order to impart importance of chemistry in the field of engineering.

Objectives:

1. To acquaint the students with practical knowledge of the basic phenomenon/concepts of chemistry.
2. To ensure that the students will be able to understand and explain scientifically the various chemistry related problems in the industry/engineering.

Event Details:

Speaker: Dr. Harsha Mishra

Head of Department, Basic Sciences and Humanities - KJSIEIT, Mumbai

Dr. Harsha Mishra has a profound teaching experience of 20 years in the subject of Applied Chemistry. She is actively involved in various research activities and has 12 research papers to her credit. A few introductory words were said by Dr. Sunita Patil (Vice Principal KJSIEIT) and Dr. Shahin Pathan (Co-ordinator - ACS). Dr. Shahin Pathan introduced speaker Dr. Harsha Mishra to the participants and the session started by the speaker. Dr. Harsha Mishra delivered a very informative and insightful talk covering scope and application of chemistry in various field of engineering.

E-certificates were provided to the participants who've attended the webinar. E-certificates were mailed on registered Email ID only.

Participants: Diploma, Degree Students, Faculty members and Others.

Organised by:

ACS - Students Chapter KJSIEIT 2020-21 and Department of Basic Sciences and Humanities under the guidance of Convener - Dr. Namrata Ansari & Co-ordinator - Dr. Shahin Pathan

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“3 D Printing and Design” of National Level Webinar Series on “Emerging Areas of Technology” on 15th July, 2020

K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized a National Level Webinar Series on “**Emerging Areas of Technology**”, identified by AICTE from 13th- 22nd July 2020. The Day 3 session on “**3 D Printing and Design**” was coordinated by the Department of Basic Science & Humanities (BS&H) on **15th July, 2020** from 2.30 - 4.30 pm. The resource person for the webinar was **Dr. Y. Ravi Kumar**, Associate Professor, Dept. of Mechanical Engineering, National Institute of Technology, Warangal (NITW), Telangana State, India. More than **2000** registered participants logged on to zoom with a live broadcast on *youtube*. The webinar was coordinated by Head of BS&H Dr. Harsha Mishra with collaborative efforts of faculties of Mechanical Engineering--Dr. Rajesh Meshram, Prof. Vivek Mane, Prof. Jitendra Shelar, Prof. Kirtikumar Patel in addition to technical support of Mrs. Chaitali Puro

Dr. Vaishali Ghadyalji, faculty in BS&H, introduced the expert speaker by reading out his accomplished profile. Dr. Harsha Mishra provided the participants with an overview of KJSIEIT, its awards & accolades in addition to an array of activities hosted by the Institute.

Objectives: The webinar aimed to create awareness of 3D printing in the age of digital data with its interdisciplinary approaches. It also aimed to overcome the complex methods to reduce wastage, time lag etc. so as to the 3D printing as a newer technology can be altered to save material resources and conserve energy.

Key Points: Dr. Ravi Kumar commenced his session by providing brief timeline of 3D printing transacting through 5 waves since past 35 yrs, He covered focal areas by discussing importance of 3 D printing in Industry 4 industrial revolution, conventional versus additive manufacturing, steps in 3D printing & processes, applications of 3D printing, 3D printing programs, offered at NIT, Warangal. 3D printing in the times of pandemic Covid-19—PPEs, ventilators, nasal swabs, Dr. Ravi Kumar also highlighted the enormous ambit of 3D printing in the domains ranging from –medical, military, construction, automobile etc. He exemplified the extensive use of 3D models in medical fields wherein it becomes feasible to mimic anatomy of patients with use of technology for implants, models that can be deployed for mock surgery to minimize fatalities.

Dr. Ravi Kumar also provided the business potential to augment the pace, conservation of materials in varied areas. He however raised his concern of India’s lack of advancement in 3-D domain as it contributes only 3% advancement in Asian countries. The industry-academia gap can be minimized by creating a skilled workforce with the 3D and 4D technologies as a new-age revolution. The resource speaker concluded his presentation by extending gratitude towards his research collaborators, funding agencies DST for the support received in the 3D domain.

Dr. Rajesh Meshram, faculty in BS&H facilitated the query session and proposed a vote of thanks to the participants. The event came to a close with the national anthem.

Outcomes: The webinar resulted in vast applications of 3D printing as a futuristic reality. It provided entrepreneurial potential with vital applications in the medical field. The 3D printing offered the key to minimizing waste—an alternative to save on resources and cost saving of materials results with smart structures for advancement of society.

Profile of the Speaker:

Dr. Yennam Ravi Kumar is Associate Professor in Mechanical Engineering Department at National Institute of Technology (NIT), Warangal. He obtained B.Tech Degree in Mechanical Engineering from JNTU, Kakinada in 2000, M.E in Computer Integrated Manufacturing (CIM) from PSG College of Technology, Coimbatore in 2002, Ph.D in Mechanical Engineering from Osmania University, Hyderabad in 2011 and Post-doctoral research in 3D Printing at Milwaukee School of Engineering, USA in 2012. He has supervised more than 25 M.Tech Projects and produced “04” Ph.D’s and guiding “04” more Ph.D theses. He has published more than 50 research papers in National and International conferences and journals. He is instrumental in setting up Rapid Prototyping laboratory at NIT Warangal. He started M.Tech Program in Additive Manufacturing in collaboration with Central Manufacturing Technology Institute (CMTI) Bangalore, first time in India of its kind. He received “Young Engineer of the Year 2009 Award” from the Government of Andhra Pradesh and The Institute of Engineers (India). He has executed sponsored R&D Projects worth of 65.00 Lakhs Rupees in the area of 3D Printing. He has established a world class “Metal 3D Printing Facility” at NIT Warangal under TEQIP-III. He is the Life Member of ISTE, IE and RPSI Societies. He visited countries like Australia, Sweden, Singapore, Finland and USA.

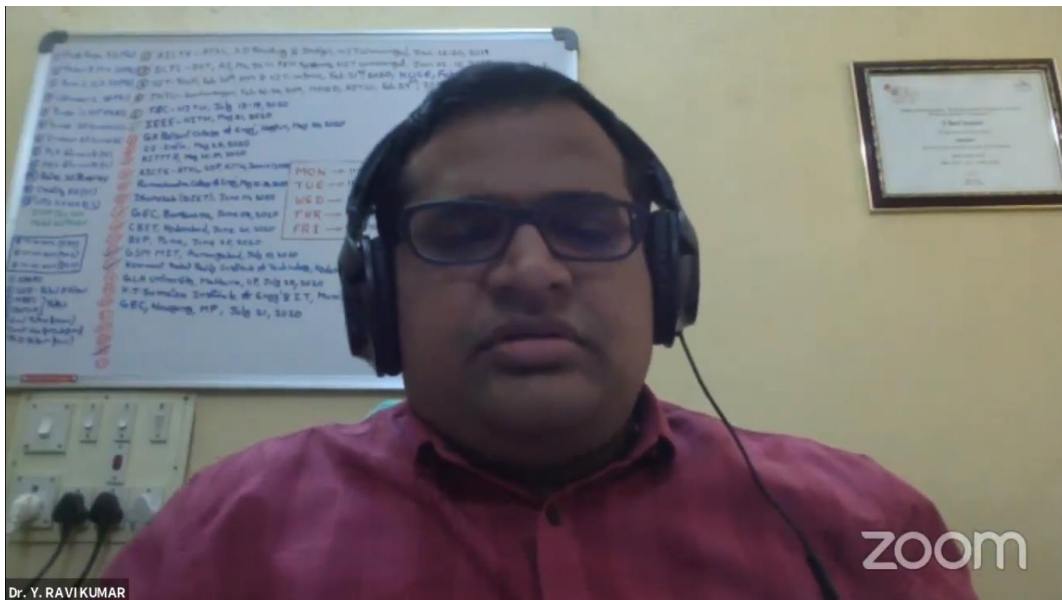
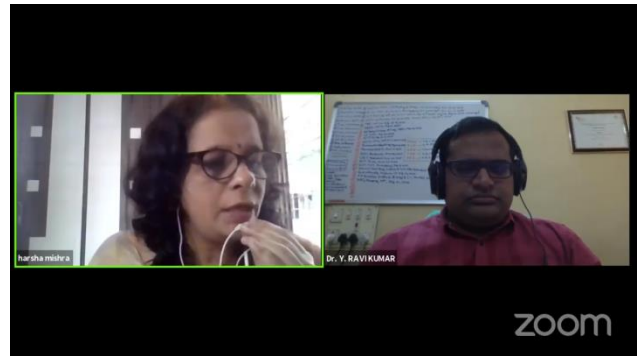


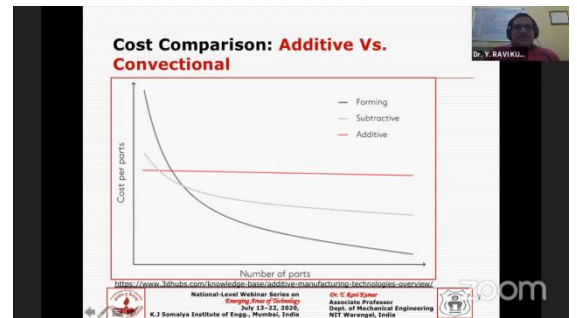
Image clip of resource speaker: Dr. Y. Ravi Kumar, Associate Professor, Dept. of Mechanical Engineering, NITW, Telangana at Day 3 session: “3 D Printing and Design” of National Level Webinar Series on “Emerging Areas of Technology” on 15th July, 2020



Presentation Outline

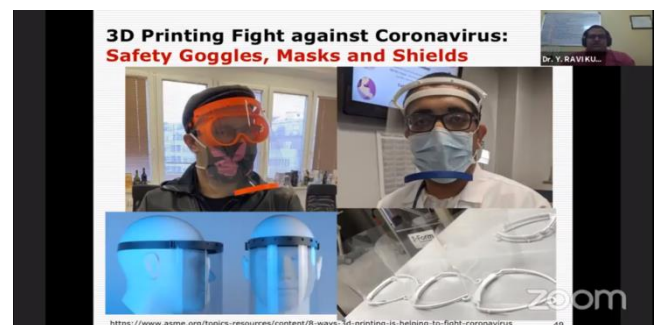
- Why 3D Printing?.....03
- Conventional Vs. Additive MFG.....05
- What is 3D Printing?.....09
- 3D Printing Processes.....15
- Applications of 3D Printing.....20
- 3D Printing Facility at NIT Warangal...39
- 3D Printing in COVID-19 Pandemic.....48
- Future of 3D Printing.....61

National-Level Webinar Series on Emerging Areas of Technology July 13-22, 2020 K.J Somaiya Institute of Engg., Mumbai, India



3D Printing: The Key to 4th Industrial Revolution

Dr. Y. Ravi Kumar
Associate Professor
Dept. of Mechanical Engineering
National Institute of Technology
Warangal – 506 004, India
E-mail: yrk@nitw.ac.in
Mobile: 9440868867



K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, SION, MUMBAI

Accredited by NAAC with 'A' Grade
These programs Accredited by National Board of Accreditation
Best College Award by University of Mumbai, ISTE(MH) and CSI (Mumbai)

NATIONAL-LEVEL WEBINAR SERIES ON "EMERGING AREAS OF TECHNOLOGY"
Duration: July 13-22, 2020

INAUGURATION
July 13, 2020 11:00 AM

CHIEF GUEST: Dr. Anil Sahasrabudhe, Chairman, All India Council for Technical Education, New Delhi

GUEST OF HONOUR: Dr. Pratapsinh Desai, President, Indian Society for Technical Education, New Delhi

CONVENER: Dr. Suresh Ukarande, Associate Dean, Faculty of Science and Technology, University of Mumbai

WEBINARS:

- Webinar 1: Artificial Intelligence (Dr. Ganesh Prasad Sahu)
- Webinar 2: Cyber Security (Mr. Anand Tambhe)
- Webinar 3: 3D Printing & Design (Dr. Y. Ravi Kumar)
- Webinar 4: Quantum Computing (Mr. Aditya Vaher)
- Webinar 5: Blockchain (Dr. Rohan Gogha)
- Webinar 6: Augmented Reality (Dr. Anant Kumar Joshi)
- Webinar 7: Internet of Things (Dr. Dipankar Kumar Jain)
- Webinar 8: Data Science (Mr. Chandra Rajeev)
- Webinar 9: Robotics (Mr. Sureshwarham)

Registration Link: <https://tinyurl.com/KJSIET-EAT>
No Registration Fees | E-Certificate for Each Webinar to All the Participants

Organizing Committee: Dr. Jayashree Khansurguri, Dr. Smita Patil, Dr. Smita Patil

Image clip of Event Banner of KJSIET Organized National Level Webinar Series on "Emerging Areas of Technology" from 13th- 22nd July, 2020

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National Level Webinar on “Computational Chemistry: A Modern Chemist’s Tool” on 23rd July, 2020

The Department of Basic Science & Humanities in association with American Chemical Society-Student Chapter (ACS) organized a National Webinar on “*Computational Chemistry: A Modern Chemist’s Tool*” on **23rd July, 2020 from 10.30 am-12.30 pm**. **Dr. Amol Patil**, a Special Assistant Researcher with Xiamen University, China was the invited resource person for the webinar.

Participation: The webinar witnessed around **800 participants**; the event was a live broadcast on *YouTube*.

The student-host **Miss. Nitasha Pandita** welcomed the esteemed speaker as well as the dignitaries and participants. It was followed by Dean Academics & Convener **Dr, Namrata Ansari** who provided a brief overview of the ACS organized activities in the institute. Vice-Principal—**Dr. Sunita Patil** apprised the audience with the distinguished achievements of the Institute. In the same direction, Principal—**Dr. Suresh Ukarande** correlated the core branch of Chemical Engineering & its multidisciplinary approaches with the allied engineering branches. Coordinator & faculty of Chemistry –**Dr. Shahin Pathan** introduced the erudite speaker of the session.

Objectives:

1. Introduction to Computational Chemistry as a research tool.
2. Introduction to Molecular Dynamics and Monte Carlo Methods.
3. Introduction to a range of freely available software packages for Computational Chemistry.

Key Points: Dr. Amol Patil commenced the session by providing scope of Computational Chemistry in vast engineering domains. He detailed on crux of session for instance—demonstration of conceptual processes such as set of nuclei & electrons—stability, properties, interaction, rates, energies etc. Underlying scientific laws, applications, equations, relevant chemical database, database filtering, compound procurement, docking etc. Dr. Amol also discussed on Computational Chemistry—Semi-empirical & empirical aspect. He detailed on the electronic structure—wave-function based & density based. In addition, expository facets on approximations with reference to electrons & its changes in the nuclear positions. Also an outline on density functional theory—configuration & interaction. The Hartree-Fock Method & its complex dynamics those are very significant for chemical purposes. Dr, Amol guided the audience on the enormous research avenues with demonstration techniques with a guided perspective on chemistry as experimental tool with software applications for engineering streams.

Outcomes: The webinar provided in-depth insights into the uses of computer simulation, use of software, research techniques to assist in solving chemical problems. It provided an impetus for multidimensional methods of Computational Chemistry that can be incorporated into efficient computer programs in allied engineering branches.

Post a successful interactive query session, the event came to a close with a ‘thank you’ note by Convener & Head of BS&H **Dr, Harsha Mishra**. The webinar ended with a national anthem. The participants were provided an E-Certificate for their successful participation & completion of feedback formalities of the webinar session.

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Profile of the Speaker:

Dr, Amol Patil is at present working as special research assistant with Xiamen University, in China. His expertise domain encompasses Ionic Liquids, Electrochemistry, Computational Chemistry, Machine Learning, Green Chemistry/Technology and Pharmaceutical Sciences. Dr, Amol's research publications as a first author scales on a high impact factor of 4 & above. He completed his MTech & PhD with specialized field of Green Technology from ICT, Matunga.

As a postdoctoral Researcher with Xiamen University, he is currently handling two projects at the University in capacity as a postdoctoral research associate. He will soon be successful in its completion in next couple of months. Among his scholastic achievements Dr, Amol has 10-point CGPI achieved in the credit course on "Research Methodology in Chemical Sciences.

Online Parent Teacher Meet on 11th July, 2020 Organized by BS&H Department

The Department of Basic Science and Humanities organized an online Parent-Teacher Meet on **11th July, 2020** from 11. 00 am onwards. The Head, **Dr. Harsha Mishra** conducted an interactive session with around 200 parents/guardians of the first-year students.

Objectives: The agenda for PTM was to discuss on the commencement of the academic session 2020-2021 as well as to update parents about various activities conducted by the department. The objective of the PTM session was to motivate parents about the importance of internship activities, Coursera, NPTEL learning. The exam and results related queries were raised by parents and the satisfactory answers were provided by the Exam Cell In-charge—**Dr. Mrs Vaishali K. Ghadyalji**.

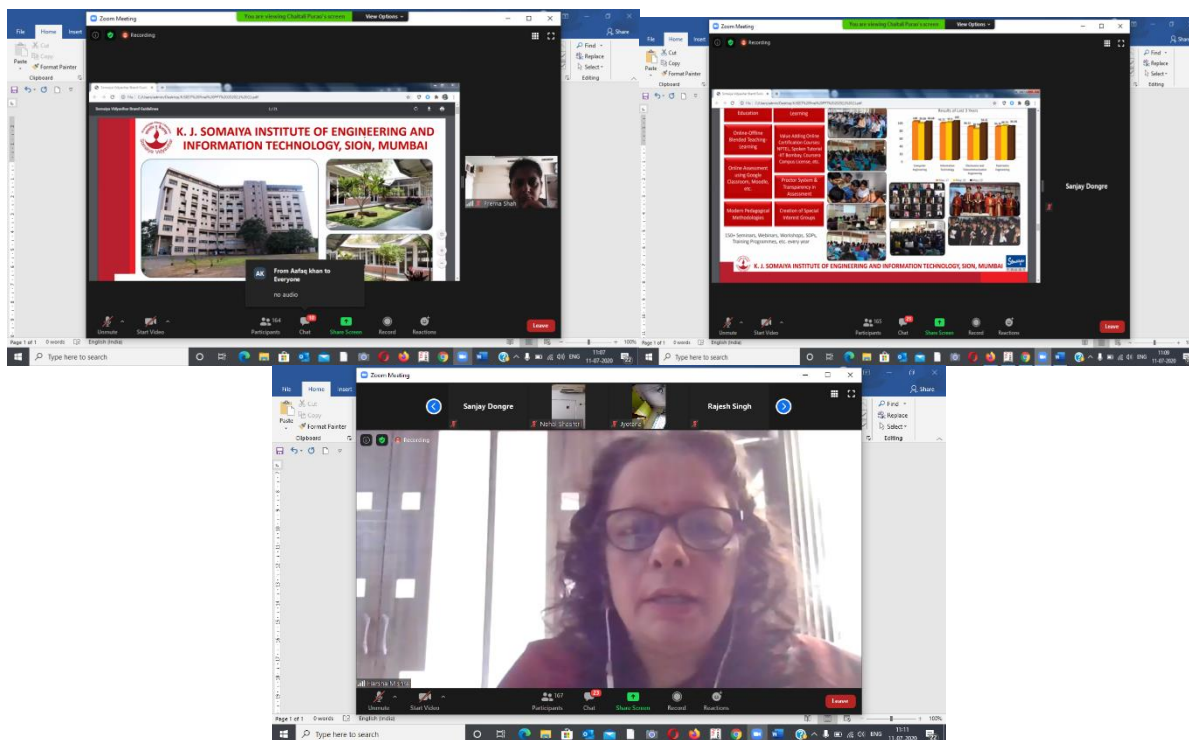
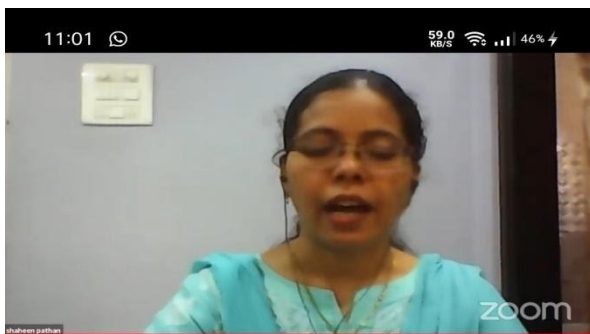


Image clip of Online Parent Teacher Meet on 11th July, 2020 Organized by BS&H Department

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Live chat
Top chat 270

- 10:59 PRATAP KUMAR J 1982701 gm sir
- 10:59 Ankit Lathwal nice talk sir
- 10:59 as gahlaut very nice informations
- 11:00 JITENDRA KUMAR good morning to all
- 11:00 S.D. Lakade Dr.Subhash Dhanaji Lakade B.N.College Pen,Tal-Pen,Dist-Raigad.(M.S.)
- 11:00 Pravin Kanchan thank you so much sir!
- 11:00 Dr MANISH RAO Good Morning To all. I shall convey my sincere thanks to organizers & emeritus resources parsons. Regard Dr Manish Rao Ambedkar Assistant Professor Department of Chemistry drmanish.2rao@gmail.com
- 11:00 PRATAP KUMAR J 1982701 gm

Chat publicly as VRUSHALI DEOLE...

Live chat
Top chat 266

- 11:00 JITENDRA KUMAR good morning to all
- 11:00 S.D. Lakade Dr.Subhash Dhanaji Lakade B.N.College Pen,Tal-Pen,Dist-Raigad.(M.S.)
- 11:00 Pravin Kanchan thank you so much sir!
- 11:00 Dr MANISH RAO Good Morning To all. I shall convey my sincere thanks to organizers & emeritus resources parsons. Regard Dr Manish Rao Ambedkar Assistant Professor Department of Chemistry drmanish.2rao@gmail.com
- 11:00 PRATAP KUMAR J 1982701 gm
- 11:01 Priya Diwedi Good morning everyone
- 11:01 kiran sakhare Gm
- 11:02 P.R.M farm feedback link please sir

Chat publicly as VRUSHALI DEOLE...



Image clip of Event Banner BS&H Dept. in association with ACS Student Chapter organized National Webinar on “Computational Chemistry: A Modern Chemist’s Tool” on 23rd July, 2020. Resource Speaker: Dr, Amol Patil, a Special Assistant Researcher with Xiamen University, China.

Co-Curricular Activities Organized by the Department: (*July data available in Jan-June 2020 Newsletter)

(Seminar/ Paper Presentation /Group Discussion / Quiz / Debate/ Short Term Course / Working Model Presentation / Dynamic Debugging) :

Sr.No	Name of Faculty/staff	Name of Workshop /STTP/Conference	Name of Organizer	Venue	Period
1	Dr.Suresh Ukarande	Participated as a panellist on 1st TEAM BHĀRAT TALK an initiative by Samarth Trust on topic, "The Role of Youth in Nation Building for Global Happiness: Post Pandemic Era Under Aegis of New Education Policy – 2020",	Samarth Trust	Online	14/08/2020 4:30 PM to 6:30 pm
2	Dr.Vrushali Deole	Webinar on “Emerging Trends in Outer Space Technologies: Advancement & Opportunities in India” by Ms.Utkarsha Mahajan, PhD Research Scholar, Department of Geopolitics and International Relations, Manipal Academy of Higher Education,	The Department of Electronics & Telecommunication Engineering in association with Alumni Committee	Online	01/08/2020

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		Manipal, Karnataka & an Alumnus 2015 pass out EXTC department			
3	Dr.Vrushali Deole	Webinar on “Emerging Technologies: Block chain, Robotics Process Automation, Internet of Things and Cloud as a future of jobs” by Mr.Rushil Chaturvedi	The Department of Electronics & Telecommunication Engineering in association with Alumni Committee	Online	08/08/2020
4	Dr.Harsha Mishra	Resource Source of Board of studies meeting of D.Y.Patil Deemed University,Nerul	D.Y.Patil Deemed University,Nerul	Online	14/08/2020
4	Dr.Vrushali Deole	Webinar on “Role of Robotic Process Automation (RPA) in Industry 4.0” resource speaker for the webinar was Mr.Shashank Karn, Program Analyst, WNS Global Services, Mumbai & ETRX Alumnus 2019 batch.	The Department of Electronics Engineering in association with the Alumni Committee	Online	25/08/2020
5	Dr.Vrushali Deole	Judged Fr. Conceicao Rodrigues College of Engineering the 22nd edition of Annual National Level Fr. Conceicao Rodrigues Memorial Debate themed “Immanent Critique of Social Adiphora”		Online	06/11/2020-07/11/2020
5	Dr.Vrushali Deole	Group Discussion on “Atmanirbhar Bharat - Vocal for Local, Make in India for the World Science”	KJSIEIT-IIC cell’s	Online	11/11/2020

Staff attended STTP / Seminars / Workshop / Symposia / Short Term Course / Orientation Programme / Refresher Programme

Sr. No.	Name of staff	Name of Workshop /STTP/Conference	Name of Organizer	Venue	Period
1.	Dr.Harsha Mishra	Webinar on "Stainability solution".	Chemical Engg dept of Thadomal Shahni Engg College, Mumbai	Online	07/08/2020-08/08/2020
2.	Dr.Harsha Mishra	Webinar on " Science & Technology of Polyolefin Materials: An Innovation by "Dr.Virendra Kumar Gupta , Head R&D - Polymers & Senior Vice President, Reliance Research & Development Centre, Navi Mumbai	Department of Polymer Science, S. K. Somaiya college, SomaiyaVidyavihar University Mumbai	Online	08/08/2020
3.	Dr.Harsha Mishra	NATIONAL WEBINAR ON Unravelling the National Education Policy 2020".by Dr Ved Prakash Former Chairman UGC and Dr A.K. Bakshi ,VC,PDMUniversity,Haryana	GAD-TLC,MHRD.GoI	Online	09/08/2020
4.	Dr.Harsha Mishra	International Webinar on Breakthrough in Cell Science	Department of Zoology, Midnapore College ,West Bengal.	Online	09/08/2020
5.	Dr.Harsha Mishra	ACS on campus webinar		Online	10/08/2020
6.	Dr.Harsha Mishra	International webinar on "Selenium health benefits and risks	Satybhama Institute of Science and Technology,Chennai	Online	10/08/2020
7.	Dr.Harsha Mishra	2 days conference on "Recent Advances in Analytical Techniques-2020 (RAAT-2020	Shri Varshney College Aligarh and CBMR Lucknow	Online	16/08/2020-17/08/2020

8.	Dr.Harsha Mishra	International webinar on Exploration of Main Group Compounds for Promoting Metal-free Transformation in Industries"	PG & Research Department of Biochemistry, Marudhar Kesari Jain college for Women, Vaniyambadi, Tirupattur, Tamilnadu.	Online	18/08/2020
9.	Dr.Harsha Mishra	International Webinar on Exploration of Main Group Compounds for Promoting Metal-free Transformation in Industries,	Dept of Science, Josephs College of Engg., Chennai	Online	19/08/2020
10.	Dr.Harsha Mishra	ATAL FDP on "Exploring New Frontiers of Digital Transformations in Teaching-Learning", cleared the exam.	JIS College of Engineering, Kalyani, West Bengal	Online	24/08/2020-28/08/2020
11.	Dr.Harsha Mishra	International Webinar on "Food Science, Nutrition and Global Food Security (FNGFS-2020)"	Department of Food Technology, Vikrama Simhapuri University, Nellore, Andhra Pradesh, India & Faculty of Agro Based Industry, University Malaysia Kelantan (UMK), Jeli, Kelantan, Malaysia	Online	03/09/2020
12.	Dr.Harsha Mishra	Three Days Online International Workshop on "Capacity Building and Redesigning the Learning & Research Aptitudes"	Maryam Ajmal Women's College of Science and Technology, Hojai, Assam, India.	Online	05/09/2020-07/09/2020
13.	Dr.Harsha Mishra	NATIONAL WEBINAR ON "Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018"	GADTLC, MHRD, GoI	Online	05/09/2020
14.	Dr.Harsha Mishra	NPTEL online course" Introduction to polymer science "	IIT Khadagpur	Online	September 20
15.	Dr.Harsha Mishra	Webinar "Challenges and way out for higher educational activities during and post Covid-19 pandemic"	IQAC and department of chemistry, K J Somaiya College of Science and Commerce in association with Indian Chemical Society.	Online	21/09/2020

16.	Dr.Harsha Mishra	Completed second week of NPTEL online course” Introduction to polymer science “of	IIT Kharagpur	Online	September 20
17.	Dr.Harsha Mishra	One Week Online Short-Term Training Program On “Emerging Trends in Chemical Sciences and its Application in Environment and Engineering”,	Department of Applied Chemistry, Jabalpur Engineering College, Jabalpur(M.P.).	Online	26/09/2020-30/09/2020
18.	Dr.Harsha Mishra	third week of NPTEL online course” Introduction to polymer science “	IIT Kharagpur	Online	09/2020
19.	Dr.Harsha Mishra	5 days AICTE Incorporating Universal Human Values in Education " FDP	An AICTE Initiative	Online	12/10/2020-16/10/2020
20.	Dr.Harsha Mishra	One day national webinar on “Establishing new teaching learning skills & methodologies amidst covid-19 pandemic”	Uttarakhand Science Education and Research Center, Dehradun Department of Science and Technology, Govt. of Uttarakhand.	Online	27/10/2020
21.	Dr.Harsha Mishra	MS team training	Somaiya Vidyavihar	Online	03/11/2020
22.	Dr.Rajesh Meshram	lecture on Prior art searching in google patents	Turnip Innovations pvt. Ltd.	Online	05/09/2020
23.	Dr.Rajesh Meshram	MS team training	Somaiya Vidyavihar	Online	03/11/2020
24.	Dr.Vaishali Ghadyalji	Webinar on “Engaging Students in an Online Environment Global Perspectives”	Dept. of English, Shrikrishna College, Bagula, Nadia, West Bengal, India	Online	28/08/2020-29/08/2020
25.	Dr.Vaishali Ghadyalji	Webinar on topic “Patent Protection for Innovation Driven Educational	Turnip Innovations Powai Mumbai 400076	Online	29/08/2020

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		Institutions” by Ms. Mansi Chaudhry Managing Partner The Frontiers Legal			
26.	Dr. Vaishali K. Ghadyalji	Motivational Talk by Dr. Debashis Chatterjee	ELTAI Teachers' Day 2020 celebrations	Online	04/09/2020
27.	Dr. Vaishali K. Ghadyalji	Motivational Talk by Dr. Radhakrishna Pillai	ELTAI Teachers' Day 2020 celebrations	Online	05/09/2020
28.	Dr. Vaishali K. Ghadyalji	Webinar on Reflective Teaching Practices: Self-Reflection and Learning Spaces	English Language Teachers' Association of India (ELTAI)	Online	13/09/2020
29.	Dr. Vaishali K. Ghadyalji	National Level Webinar on “Recent Trends, Tendencies and Issues in English Language and Literature”	Pratap College, Amalner, Dist- Jalgaon (MS)	Online	26/09/2020
30.	Dr. Vaishali K. Ghadyalji	Session on Digital Humanities in Literature	School of English of Kumaraguru College of Liberal Arts and Science an International Virtual Talk Series "Revisiting English Language and Literature in the Digital Era"	Online	12/10/2020
31.	Dr. Vaishali K. Ghadyalji	What Lies between the Pen & the Reader? Only words A Fascinating Insight into Writing Skills	School of English of Kumaraguru College of Liberal Arts and Science an International Virtual Talk Series "Revisiting English Language and Literature in the Digital Era"	Online	13/10/2020
32.	Dr. Vaishali K. Ghadyalji	Webinar on Virtual Blended Learning - Making it Real!	ELTAI Webinar Series 2020	Online	08/11/2020
33.	Dr. Vaishali K. Ghadyalji	Webinar on Tell Tale Signs by Prof. Debraj Maulick, Faculty, KJSP, Vidyavihar and a promising poet	KJSP, Vidyavihar	Online	03/12/2020
34.	Dr. Vaishali K. Ghadyalji	Webinar on the topic, 'Ease Your Way into Research Publication', broadcasted by Dr. Chumki Biswas	SRM Institute of Science and Technology, Chennai	Online	04/12/2020

35.	Dr.Vaishali K. Ghadyalji	Webinar “Learn, Unlearn and Relearn the collaborative, creative and critical th”	ELT@.	Online	18/12/2020
36.	Dr.Vaishali K. Ghadyalji	Webinar on Becoming Better Communicator - Toastmasters	ELT@.	Online	20/12/2020
37.	Mr.Sanjeev Badhe	Appeared for online quiz for International short course on Advance Physics on 8 th August 2020.			
38.	Mr.Sanjeev Badhe	International short course in Advance Physics (Online)	Department of Physics K. J. Somaiya College of Science and Commerce	Online	06/08/2020-07/08/2020
39.	Mr.Sanjeev Badhe	FDP on “Natural Language Processing” organized by,Speaker: Mr. Mustafa Fatakdawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
40.	Mr.Sanjeev Badhe	workshop on “Incorporating Universal Human Values in Education”	AICTE	Online	28/09/2020-02/10/2020
41.	Mrs.Vaishali Dabholkar	Webinar of orientation program of SE EM		Online	07/08/2020
42.	Mrs.Vaishali Dabholkar	4-week Coursera course on Mathematics for Machine learning: Multivariate calculus	Coursera course	Online	08/2020
43.	Mrs.Vaishali Dabholkar	“Virtual Education Fair 2020”	ACS KJSIEIT in association with Imperial overseas Educational Consultants	Online	25/09/2020
44.	Mrs.Vaishali Dabholkar	Completed two-week course on “Mathematics for machine learning: PCA”	Coursera.	Online	09/2020
45.	Mrs.Vaishali Dabholkar	One week FDP on Recent trends in Mathematics	Hyderabad Institute of Technology and Management (HITAM)	Online	/10/2020

46.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Engagement, confidence and success – practical ideas for the classroom”	Cambridge University Press, Speaker: Dr Heike Krüsemann	Online	08/09/2020
47.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Helping Teachers and ILearners find their Inner Resilience”	Cambridge University Press, Speaker: Ricardo Morales and Brad Bawtinheimer	Online	08/09/2020
48.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “‘The Great Reset’: Obstacle or Opportunity?”	Cambridge University Press Speaker: Ben Goldstein	Online	08/09/2020
49.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Using Tasks in Language Teaching”	Cambridge University Press, Speaker: Rod Ellis	Online	08/09/2020
50.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “10 Rules for Encouraging Active Participation and Interaction Online”	Cambridge University Press, Speaker: HayoReinders	Online	09/09/2020
51.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) Activities toReconnect in a Disconnected World	Cambridge University Press Speaker: Nicolas Mayfield	Online	09/09/2020
52.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Keeping Energy Levels up whenTeaching Remotely”	Cambridge University Press, Speaker: Rosalia Valero and Jonny Frank	Online	09/09/2020
53.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Sensitivity, Empowerment and Compassion – Emotionally	Cambridge University Press, Speaker: Kate Brierton	Online	09/09/2020

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		Supporting your Students on Return to the Classroom”			
54.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “How to Nurture Independent Learners through Pedagogic Partnership”	Cambridge University Press, Speaker: Harry KuchahKuchah	Online	10/09/2020
55.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Lost in the Covid Maze? Assessment for Learning is your GPS!”	Cambridge University Press, Speaker: Alberto Costa and Pablo Toledo	Online	10/09/2020
56.	Dr.Vrushali Deole	Cambridge Live Experience (45-minute talk) “Together We Thrive: How to Build Supportive Teacher Learning Communities”	Cambridge University Press, Speaker: Silvana Richardson	Online	10/09/2020
57.	Dr.Vrushali Deole	FDP on “Natural Language Processing” organized by, Speaker: Mr. Mustafa Fatakdawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
58.	Dr.Vrushali Deole	Cambridge Assessment English organized webinar on “Using Vocabulary Lists to Develop Language Skills” By Presenter Jane Ritter,	Cambridge University Press	Online	19/10/2020
59.	Dr.Vrushali Deole	International Webinar : No Two Universities Can Ever be the Same – The Infinite Variety of the Experience.” Richard Budd, Convenor: prof. Simon Marginson.	Department of Education of OXFORD UNIVERSITY	Online	20/10/2020
60.	Dr.Vrushali Deole	“Introduction to Oxford Test in	“Oxford Professional Development Webinars,	Online	27/10/2020

		English”, Speaker: Martin Caicedo,.	Organized by Oxford University Press		
61.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Nurturing Motivated Learners Through Suited Content and Strong Communities”, Speaker: Nahla Al Malki,	Cambridge University Press	Online	27/10/2020
62.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Academic Writing: The Value of Short Answer Responses”, Speaker: ZeynepÜrkün,	Cambridge University Press	Online	27/10/2020
63.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020 Session on “An Ambidextrous Model of Assessment in the Second Language Writing Classroom”, Speaker: Isabela Villas Boas,	Cambridge University Press	Online	27/10/2020
64.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Challenges in Extensive Reading: Working with What Students Bring to the Class”, Speaker: Gregory Hadley,.	Cambridge University Press	Online	28/10/2020
65.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Helping EAP Students Develop as Collaborative	Cambridge University Press	Online	28/10/2020

		Reflective Practitioners”, Speaker: Peter Brereton			
66.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Classroom Genres and University Genres: Getting the Balance Right”, Speaker: Hilary Nesi,	Cambridge University Press	Online	28/10/2020
67.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Strategies for Teaching Grammar Online”, Speaker: Gaby Lawson,	Cambridge University Press	Online	29/10/2020
68.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Methodologies and Materials in English For Academic Purposes”, Speaker: Helen Basturkmen,	Cambridge University Press	Online	29/10/2020
69.	Dr.Vrushali Deole	‘Academic English Conference’ from 27th-29th Oct, 2020, Session on “Developing Students’ Listening and Speaking Through EAP Materials”, Speaker: Edward de Chazal,	Cambridge University Press	Online	29/10/2020
70.	Dr.Vrushali Deole	Webinar badge for “Assessing Writing-Introducing new Teacher Guides for the Assessment of Writing”, Session 1:	Cambridge University Press	Online	03/11/2020

71.	Dr.Vrushali Deole	Webinar Badge for “Assessing Writing-Introducing new Teacher Guides for the Assessment of Writing”, Session 2:	Cambridge University Press	Online	05/11/2020
72.	Dr.Vrushali Deole	Professional Development Webinars on “Shape the Future Together”, Speaker: Thomas Healey,	Oxford University Press	Online	07/11/2020
73.	Dr.Vrushali Deole	Professional Development Webinars on “An introduction to Enquiry-based Teaching and Learning” Speaker: Tony Cotton ,	Oxford University Press	Online	12/11/2020
74.	Dr.Vrushali Deole	Webinar Badge for “Assessing Writing - Introducing new Teacher Guides for the Assessment of Writing for B2 and C1 Advanced”, Session 1:	Cambridge University Press	Online	17/11/2020
75.	Dr.Vrushali Deole	Webinar Badge for “Assessing Writing - Introducing new Teacher Guides for the Assessment of Writing for B2 and C1 Advanced”, Session 2:	Cambridge University Press	Online	19/11/2020
76.	Dr.Vrushali Deole	Professional Development Webinar on “ <i>Oracy Skills#2</i> ” Speaker: Joon Lee ,.	Oxford University Press	Online	26/11/2020
77.	Dr.Vrushali Deole	Webinar Badge for “Developing Self-access Materials for your Hybrid Classroom”,Presenters: George Heritage and Victoria Peña Jaenes, Session 1 :	Cambridge University Press	Online	01/12/2020
78.	Dr.Vrushali Deole	Webinar Badge for “Developing Self-access Materials for your Hybrid	Cambridge University Press	Online	03/12/2020

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		Classroom”, Presenters: George Heritage and Victoria Peña Jaenes, Session 2 :			
79.	Dr.Vrushali Deole	“Progression by design - How Cambridge English Qualifications Help Learning” Sian Morgan and Colin Williams	Cambridge University Press	Online	10/12/2020
80.	Dr.Vrushali Deole	International Webinar on : ” THE IMPACT OF ATTACHMENT AND TRAUMA AWARENESS TRAINING:., Speaker : Speaker: Dr Neil Harrison and Helen Trivedi,	Department of Education of OXFORD UNIVERSITY	Online	15/12/2020
81.	Dr.Shahin Pathan	Webinar on " Science & Technology of Polyolefin Materials: An Innovation by "Dr.Virendra Kumar Gupta , Head R&D - Polymers & Senior Vice President, Reliance Research & Development Centre, Navi Mumbai	Department of Polymer Science, S. K. Somaiya college,Somaiya Vidyavihar University Mumbai	Online	08/08/2020
82.	Dr.Shahin Pathan	Webinar on “Stainabilitysolution”.	Chemical Enggdept of ThadomalShahniEngg College,Mumbai	Online	07/08/2020- 08/08/2020
83.	Dr.Shahin Pathan	3 rd week of Coursera course on “Communication strategies for virtual age”	Coursera course	Online	08/2020
84.	Dr.Shahin Pathan	National webinar on “Green Approaches in Drug Discovery”	Dept. of Chemistry affiliated to Dr. B.A.M. UniversityAurangabad.	Online	13/08/2020

85.	Dr.Shahin Pathan	2 days conference on "Recent Advances in Analytical Techniques-2020 (RAAT-2020)	Shri Varshney College Aligarh and CBMR Lucknow	Online	16/08/2020-17/08/2020
86.	Dr.Shahin Pathan	National webinar on "Ayush and medicinal plants for future health challenges"	MarudharKesariJain College for women, Vaniyambadi. Pg and Research Department of Biochemistry	Online	18/08/2020
87.	Dr.Shahin Pathan	International Webinar on Exploration of Main Group Compounds for Promoting Metal-free Transformation in Industries,	Dept of Science, StJosephs College of Engg.,Chennai	Online	19/08/2020
88.	Dr.Shahin Pathan	"SDP(Skill Development Program)- "Selected Topics in Coordination Chemistry"	Post Graduate Department of Chemistry, NallamuthuGounder Mahalingam College, Coimbatour, Tamil Nadu	Online	26/08/2020-28/08/2020
89.	Dr.Shahin Pathan	Actively participated in three days National Level FDP on "Perspectives on the Past, Present and Future of Advance Materials"	Department of Chemistry, Tontadarya College of Engineering Gadag, Karnataka, India	Online	26/08/2020-28/08/2020
90.	Dr.Shahin Pathan	International Webinar on "Food Science, Nutrition and Global Food Security (FNGFS-2020)"	Department of Food Technology, VikramaSimhapuri University, Nellore, Andhra Pradesh, India & Faculty of Agro Based Industry, University Malaysia Kelantan (UMK), Jeli, Kelantan, Malaysia	Online	03/09/2020
91.	Dr.Shahin Pathan	Three Days Online International Workshop on "Capacity Building and Redesigning the Learning & Research Aptitudes"	Maryam Ajmal Women's College of Science and Technology, Hojai, Assam,India.	Online	05/09/2020-07/09/2020
92.	Dr.Shahin Pathan	Webinar On "Women In Engineering"	IETE ISF DBIT in association with IETE M-Centre	Online	05/09/2020

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93.	Dr.Shahin Pathan	National Virtual Dialogue on National Education Policy 2020: Insights into Science and Technology Education"	IQAC and UGC Cell of Mata Gujri College (Autonomous), Fatehgarh Sahib, Punjab	Online	17/09/2020
94.	Dr.Shahin Pathan	Webinar on "Use. of ICT in Teaching and Learning Practical of Chemistry , Issues and Challenges"	Department of Chemistry , LVH College NASHIK	Online	15/09/2020
95.	Dr.Shahin Pathan	NPTEL course on Analytical chemistry.		Online	09/2020
96.	Dr.Shahin Pathan	One Week Online Short-Term Training Program On "Emerging Trends in Chemical Sciences and its Application in Environment and Engineering",	Department of Applied Chemistry,Jabalpur Engineering College, Jabalpur(M.P.).	Online	26/09/2020-30/09/2020
97.	Dr.Shahin Pathan	Training on MS team.	Somaiya Vidyavihar	Online	03/11/2020
98.	Dr.Shahin Pathan	AICTE sponsored STTP on "Futuristic Applications and Research Opportunities of Nanoelectronic in Bioscience"	Sathyabama Institute of Science and Technology Chennai	Online	09/11/2020-16/11/2020
99.	Mr.Vivek Mane	Microsoft team training session	Information Technology and Services - Somaiya Vidyavihar	Online	01/08/2020
100.	Mr.Vivek Mane	Webinar on topic "How to Use Microsoft Teams Application Effectively for Education"	Team Lets Learn and Grow Together(LLAGT).	Online	10/08/2020

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101.	Mr.Vivek Mane	Webinar on topic “Patent Protection For Innovation Driven Educational Institutions” by Ms. Mansi Chaudhry Managing Partner The Frontiers Legal	Turnip Innovations Powai Mumbai 400076	Online	29/08/2020
102.	Mr.Vivek Mane	Webinar on topic “How to Improve Communication Skills: Make Yourself a Better Communicator” by	Team Lets Learn And Grow Together (LLAGT).	Online	31/08/2020
103.	Mr.Vivek Mane	Teachers Day Celebration-“A Tribute to Teachers”	NSS Unit of KJSIEIT, Sion Mumbai-22	Online	05/09/2020
104.	Mr.Vivek Mane	FDP on “Natural Language Processing” organized by, Speaker: Mr. Mustafa Fatakdawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
105.	Mr.Vivek Mane	Three days National Level Online FDP on “OUTCOME BASED EDUCATION”	Internal Quality Assurance Cell of PVG's College of Engineering and Technology, Pune 09 in the association with Mr. Ajay Bhagwat of INPODS	Online	06/10/2020-08/10/2020
106.	Mr.Vivek Mane	Attended Launch of National IP Literacy Initiative & Performance Rating of Institutions' Innovation Council (IIC)	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	15/10/2020
107.	Mr.Vivek Mane	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Lateral Thinking - How to generate revolutionary ideas! By Mr. Varun Chamadiya Founder, Proactive	Ministry of Education's Innovation Cell (MIC) and AICTE.	Online	19/10/2020

108.	Mr.Vivek Mane	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Seeding Ideas to Harvesting Innovation for Social Good : Role of Intellectual Property Rights by Shri. PrabuddhaGanguli CEO Vision - IPR	Ministry of Education's Innovation Cell (MIC) and AICTE.	Online	20/10/2020
109.	Mr.Vivek Mane	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Building IP, Innovation Ecosystem in Academic Institutions by Dr. UnnatPandit Program Director Atal Innovation Mission	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	21/10/2020
110.	Mr.Vivek Mane	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Prior Art Search & Patent drafting – Key Insights by DrSheetal Chopra India Lead - IPR Advocacy, Ericsson India Ltd. I	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	22/10/2020

111.	Mr.Vivek Mane	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Patent Filing Process by DrSheetal Chopra India Lead - IPR Advocacy, Ericsson India	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	23/10/2020
112.	Mr.Vivek Mane	STTPon "Smart Materials and Systems: Theory and Applications" Series 1 of 3 "Smart Materials and Systems: Emerging Research Areas"	Department of Mechanical Engineering, C V Raman Global University, Bhubaneswar, Odisha. sponsored by the AICTE under the AICTE Quality Improvement Schemes (AQIS)	Online	02/11/2020-07/11/2020
113.	Mr.Vivek Mane	Training on MS team.	Somaiya Vidyavihar	Online	03/11/2020
114.	Mr.Vivek Mane	Certificate of Participation and successfully completed AICTE Quality Improvement Schemes (AQIS) Short Term Training Program (STTP) through online mode on Smart Materials and System: Emerging Research Area	Department of Mechanical Engineering C V Raman Global University, Bhubaneswar, Odisha	Online	02/11/2020-07/11/2020

115.	Mr.Vivek Mane	STTP on AICTE Sponsored Two Back to Back One Week Short Term Training Programmes (STTPs) on “Outcome Based Education: Critical Issues and Solution (A Case Study Approach)” STTP1: Philosophy and Design of Outcome Based Education (OBE)	ElectronicsEngineering Department in association with S.P.I.T. ISTE Faculty Chapter (MH-286), Sardar Patel Institute of Technology Munshi Nagar, Andheri (W), Mumbai 400 058	Online	30.11.2020-05.12.2020
116.	Mr.Nitin Kenjale	Webinar of orientation program of SE EM		Online	07/08/2020
117.	Mr.Nitin Kenjale	4 week Coursera course on Mathematics for Machine learning:Multivariate calculus	Coursera course	Online	08/2020
118.	Mr.Nitin Kenjale	“Virtual Education Fair 2020”	ACS KJSIEIT in association with Imperial overseas EducationalConsultants	Online	25/09/2020
119.	Mr.Nitin Kenjale	Completed two week course on “Mathematics for machine learning : PCA”	Coursera.	Online	09/2020
120.	Mr.Nitin Kenjale	One week FDP on Recent trends in Mathematics	Hyderabad Institute of Technology and Management(HITAM	Online	/10/2020
121.	Mr.Jitendra Shelar	Training on MS team.	Somaiya Vidyavihar	Online	03/11/2020

122.	Dr.Pashmi Kumavat	Faculty Orientation Program of C scheme syllabus of EM-III ,EM-IV of Computer Engineering	RAIT,Nerul.	Online	07/08/2020
123.	Dr.Pashmi Kumavat	Webinar on " Approach to industry 4.0: cloud based product design and manufacturing"	Mechanical Engineering Department, DBIT, Mumbai	Online	07/08/2020
124.	Dr.Pashmi Kumavat	FDP on "Natural Language Processing" organized by,Speaker: Mr. Mustafa Fatakdawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
125.	Dr.Pashmi Kumavat	National webinar on Indian Feminism	K.J.Somaiya College Science and commerce	Online	13/09/2020
126.	Dr.Pashmi Kumavat	Three days workshop "Application of Geogebra", From 15th-17th October,	MIT Academy of Engineering, Alandi School of Humanities & Engineering Sciences	Online	15/10/2020-17/10/2020
127.	Dr.Pashmi Kumavat	Webinar on "Research: How and Why?"	PHCET, Rasayani	Online	07/11/2020
128.	Dr.Pashmi Kumavat	One Day National Webinar on "Basics of Artificial Intelligence with MATLAB"	Department of Mathematics, K.S. Rangasamy College of Technology Tiruchengode, Tamil Nadu.	Online	04/11/2020
129.	Mr.Kirtikumar Patel	Microsoft team training session	Information Technology and Services -SomaiyaVidyavihar	Online	01/08/2020
130.	Mr.Kirtikumar Patel	Webinar on topic "How to Use Microsoft Teams Application Effectively for Education"	Team Lets Learn and Grow Together(LLAGT).	Online	10/08/2020
131.	Mr.Kirtikumar Patel	Webinar: on topic: Impact of present covid 19 crisis on education, and livelihood of Tribals.	BUCTU	Online	16/10/2020

132.	Mr.Kirtikumar Patel	National level Webinar On " Characteristics of an Entrepreneur and role of Incubator"	Theem college of Engineering	Online	21/10/2020
133.	Mr.Kirtikumar Patel	Training on MS team.	Somaiya Vidyavihar	Online	03/11/2020
134.	Mr.Divesh Singh	Faculty Orientation Program of C scheme syllabus of EM-III ,EM-IV of Computer Engineering	RAIT,Nerul.	Online	07/08/2020
135.	Mr.Divesh Singh	Continued with the second course of 'Python Data Structure' in the series of five courses of Python on coursera and completed	Coursera	Online	
136.	Mr.Divesh Singh	Continued with the three week course "Practical Teaching with Technology" on Coursera and completed upto two weeks of learning	Coursera	Online	
137.	Mr.Divesh Singh	Webinar on "Mathematical modelling and problem solving using SageMaths"	Sri Venkateswara college of Engineering , TamilNadu	Online	04/08/2020-05/08/2020
138.	Mr.Divesh Singh	National Level Workshop on "Execution of Scilab and Latex for Research & Publications"	Department of Science and Humanities of Hindusthan College of Engineering and Technology,Coimbatore	Online	05/08/2020

139.	Mr.Divesh Singh	one week AICTE sponsored STTP on "Matlab Statistics and data sciences"	Sagar Institute of Research and Technology ,Bhopal	Online	07/08/2020
140.	Mr.Divesh Singh	Course "Get Interactive : Practical Teaching with Technology"	University of London on coursera	Online	08/2020
141.	Mr.Divesh Singh	Completed the 7 weeks course "Python data structures " with 100% grade .	University of Michigan on Coursera	Online	Aug 2020
142.	Mr.Divesh Singh	Started 8 weeks basic Statistics course on	Coursera	Online	Aug 2020
143.	Mr.Divesh Singh	Started 4 weeks "Introduction to Data Science in Python" after learning Python	Coursera	Online	Aug 2020
144.	Mr.Divesh Singh	Webinar on INTRODUCTION TO STATISTICS USING R	Department of Mathematics,Manonmaniam SundaranarUniversity College,Panagudi.	Online	19/08/2020
145.	Mr.Divesh Singh	Webinar session on "Application of Statistics"	Department of Mathematics ,MJC college	Online	18/08/2020
146.	Mr.Divesh Singh	One day Nodal Centre Orientation Workshop	VlabIITB	Online	29/08/2020
147.	Mr.Divesh Singh	TEQIP-III sponsored five day Faculty Development Program on "Applications of Optimization Techniques in Science and Engineering Research"	B K Birla Institute of Engineering & Technology, Pilani	Online	23/08/2020/ 27/08/2020
148.	Mr.Divesh Singh	Four day Faculty development program "Application of Mathematics in Engineering (Series-IV)"	KPRIET, Coimbatore	Online	25/08/2020- 28/08/2020

149.	Mr.Divesh Singh	Completed one week out of four-week course "Introduction to Data Science in Python"	Coursera School of Information, University of Michigan	Online	18/08/2020
150.	Mr.Divesh Singh	One Week online STTP on "Linear Algebra and Statistics for Engineers and Scientists" (LA & SES - 2020) Sponsored by Technical Education Quality Improvement Programme (TEQIP- Phase III)	Government College of Engineering, Aurangabad	Online	02/09/2020-06/09/2020
151.	Mr.Divesh Singh	FDP on "Natural Language Processing" organized by, Speaker: Mr. Mustafa Fatakdawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
152.	Mr.Divesh Singh	Completed one week out of six weeks course 'Mathematics for Data Science'.	Coursera	Online	09/2020
153.	Mr.Divesh Singh	5 week course "Matrix Methods"	University of Minnesota through Coursera	Online	09/2020
154.	Mr.Divesh Singh	5 week course 'Mathematics for Machine Learning: Linear Algebra'	Imperial College, London through Coursera	Online	09/2020
155.	Mr.Divesh Singh	Completed 6 week course "Discrete Math and Analyzing Social Graphs" , Mathematics for data science with 100 grades.	HSE University (National Research University Higher School of Economics) , Moscow, Russia	Online	09/2020
156.	Mr.Divesh Singh	Registered for Student Induction Program - eSIP 2020	AICTE sponsored FDP	Online	8/11/2020-20/11/2020
157.	Mrs.Chaitali Purao	Webinar on " Science & Technology of Polyolefin Materials: An Innovation by "Dr.Virendra Kumar	Department of Polymer Science, S. K. Somaiya college, Somaiya Vidyavihar University Mumbai	Online	08/08/2020

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		Gupta , Head R&D - Polymers & Senior Vice President, Reliance Research & Development Centre, Navi Mumbai			
158.	Mrs.Chaitali Purao	National webinar on “Green Approaches in Drug Discovery”	Dept. of Chemistry affiliated to Dr. B.A.M. University Aurangabad.	Online	13/08/2020
159.	Mrs.Chaitali Purao	2 days conference on “Recent Advances in Analytical Techniques-2020 (RAAT-2020)	Shri Varshney College Aligarh and CBMR Lucknow	Online	16/08/2020-17/08/2020
160.	Mrs.Chaitali Purao	National webinar on “Ayush and medicinal plants for future health challenges”	Marudhar Kesari Jain College for women, Vaniyambadi. Pg and Research Department of Biochemistry	Online	18/08/2020
161.	Mrs.Chaitali Purao	Actively participated in three days National Level FDP on “Perspectives on the Past, Present and Future of Advance Materials”	Department of Chemistry, Tontadarya College of Engineering Gadag, Karnataka, India	Online	26/08/2020-28/08/2020
162.	Mrs.Chaitali Purao	Seminar on Appearance Management by Mrs Schweta Gupte	Lessons Up	Online	1/09/2020
163.	Mrs.Chaitali Purao	International Webinar on Food Science Nutrition and Global Food Security (FNGFS 2020)	Dept of Food Technology Vikrama Simhapuri University Andhra Pradesh and Faculty of Agro based Industry of University of Malaysia Keltan	Online	3/09/2020
164.	Mrs.Chaitali Purao	FDP on “Natural Language Processing” organized by, Speaker: Mr. Mustafa Fatakawala, TCS Ltd	(KJSIEIT) Department of Computer Engineering and Training & Placements Committee	Online	10/09/2020
165.	Mrs.Chaitali Purao	Webinar “Challenges and way out for higher educational activities during and post Covid-19 pandemic”	IQA C and department of chemistry, K J Somaiya College of Science and Commerce in association with Indian Chemical Society.	Online	21/09/2020
166.	Mrs.Chaitali Purao	Attended Launch of National IP Literacy Initiative & Performance Rating of Institutions' Innovation Council (IIC)	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	15/10/2020

167.	Mrs.Chaitali Purao	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Lateral Thinking - How to generate revolutionary ideas! By Mr. Varun Chamadiya Founder, Proactive	Ministry of Education's Innovation Cell (MIC) and AICTE.	Online	19/10/2020
168.	Mrs.Chaitali Purao	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Seeding Ideas to Harvesting Innovation for Social Good : Role of Intellectual Property Rights by Shri. PrabuddhaGanguli CEO Vision - IPR	Ministry of Education's Innovation Cell (MIC) and AICTE.	Online	20/10/2020
169.	Mrs.Chaitali Purao	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Building IP, Innovation Ecosystem in Academic Institutions by Dr. UnnatPandit Program Director Atal Innovation Mission	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	21/10/2020
170.	Mrs.Chaitali Purao	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Prior Art Search & Patent drafting – Key Insights by	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	22/10/2020

		DrSheetal Chopra India Lead - IPR Advocacy, Ericsson India Ltd. I			
171.	Mrs.Chaitali Purao	KAPILA (Kalam Program for IP Literacy and awareness): NIPLW (National Intellectual Property Literacy Week) 2020 On Patent Filing Process by DrSheetal Chopra India Lead - IPR Advocacy, Ericsson India	Ministry of Education's Innovation Cell (MIC) and AICTE	Online	23/10/2020
172.	Mrs.Chaitali Purao	Training on MS team.	Somaiya Vidyavihar	Online	03/11/2020

Details of Sponsored Project:

Sr.No	Namer of the Faculty	Title of the project	
1	Dr.Harsha Mishra	the major research pre proposal "Degradation of Lignin forProduct development "of 18 lacs and submitted to RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION, MUMBAI UNDER The SCHEME"ASSISTANCE FOR S & T APPLICATIONS	20 th November,2020

Staff participation in co-curriculum /Prize Winning activities:

Sr. No.	Name of	Name of Programme/Activity/Event	Prize Details	Date	Venue
1	Mrs.Chaitali Purao	Quiz competition by NSS Unit of K J Somaiya College of Science & commerce	Certificate of Participation	14/08/2020	Online
2	Mrs.Chaitali Purao	Quiz on International Quiz on International Yoga day by	Certificate of Participation	14/08/2020	Online

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		Jagadambha College of Engineering & Technology Yavatmal			
3	Mr.Vivek Mane Mrs.Chaitali Purao	Registered on Ministry of Education's Innovation Cell (MIC) portal as an Innovation Ambassador as well as shortlisted by the MIC to Join as Innovation Ambassadors for A.Y. 2020-21.	Certificate of Participation	05/10/2020	Online
	Mr.Vivek Mane	Quiz on “Smart Materials and Systems: Emerging Research Areas” organized by the Department of Mechanical Engineering, C V Raman Global University, Bhubaneswar, Odisha	Certificate of Participation	07/11/2020	Online



For Suggestions or Feedback, do write to us at: kjsaura@somaiya.edu