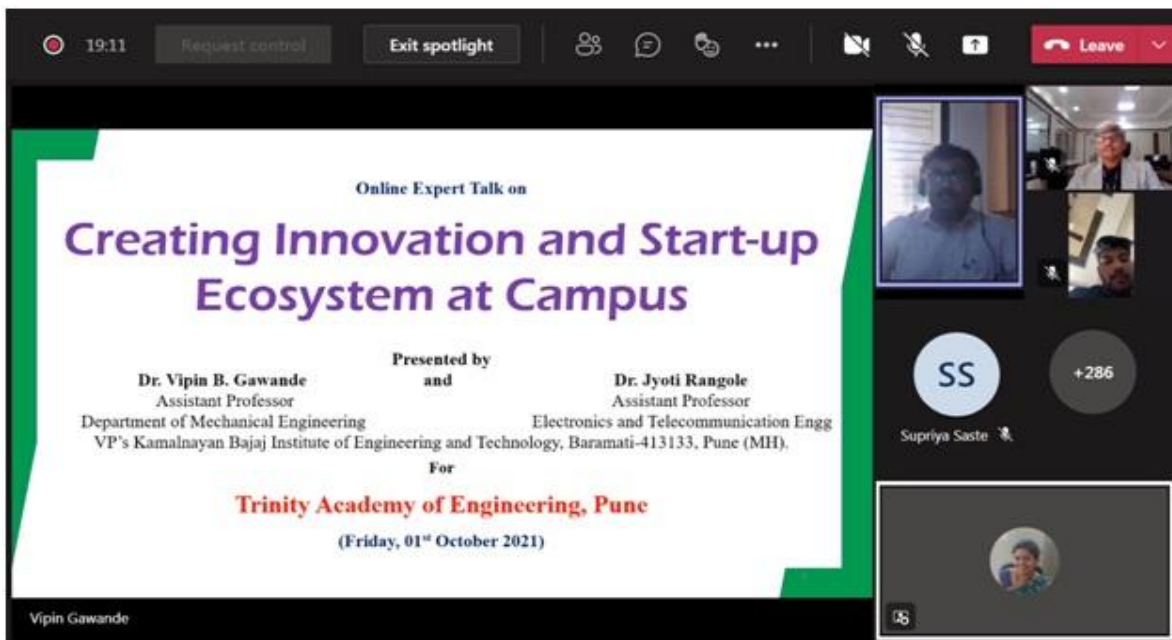
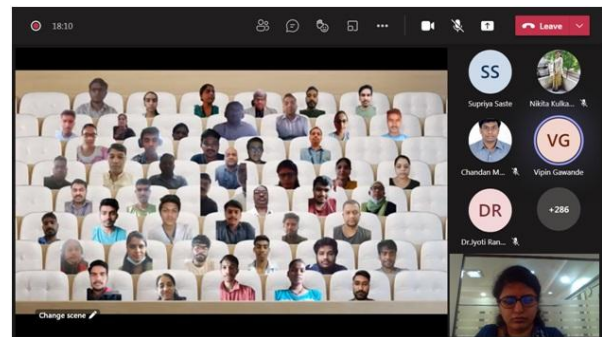


Department: E&TC Engineering

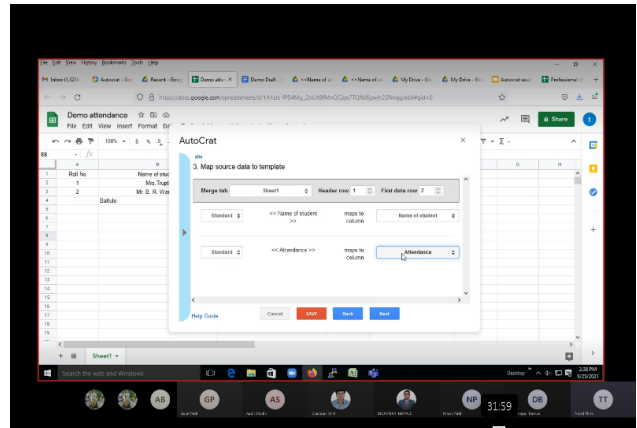
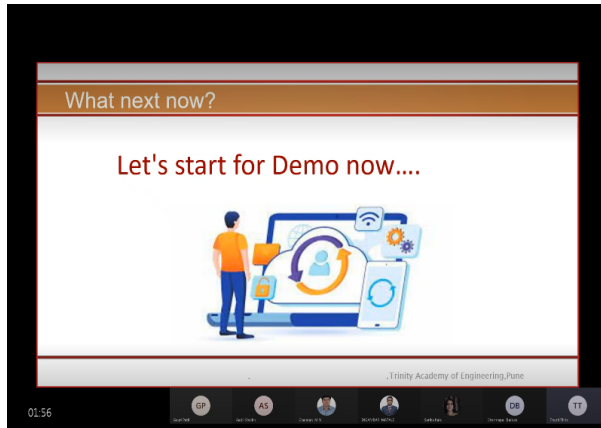
Research and Development

FDP/Workshop/Webinar/Organized

- Mrs. Trupti Thite conducted “Autocrat merge tool”, webinar in online mode for all faculties of Trinity Academy of Engineering on 25 September 2021.
- Mr. Gulame Mayuresh Bhagavat conducted “Importance of IIC and handling of IIC Portal”, webinar in online mode for all faculties of Trinity Academy of Engineering on 12 October 2021.
- Mrs. K.D.Patil conducted webinar On Education 4.0 for all faculties of Trinity Academy of Engineering ,August 2021
- Mr. Gulame Mayuresh Bhagavat conducted as head of Impact Lecture Series Collaboration with MIC, AICTE & IIC from 1 oct 2021 and 11th oct 2021

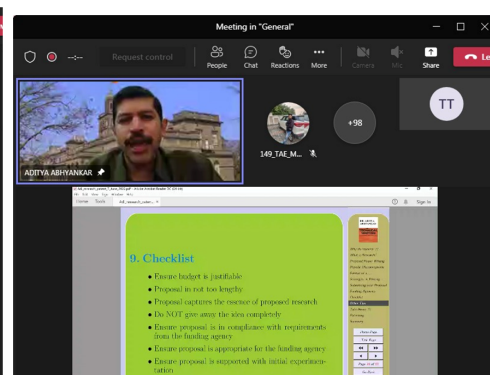
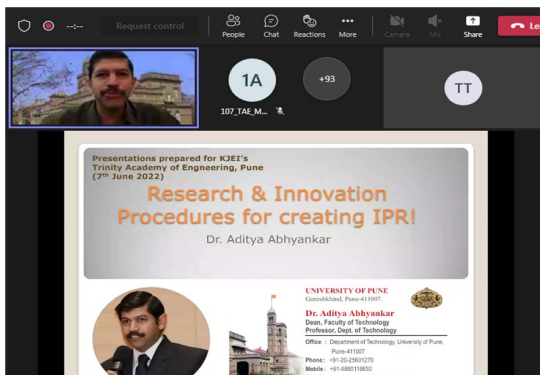


Impact Lecture Series Photographs



Webinar on "Autocrat merge tool"

- Mr. Gulame Mayuresh Bhagavat conducted as head of Impact Lecture Series Collaboration with MIC, AICTE & IIC from 7/6/2022



Mrs. K.D.Patil Conducted Student Development Programme In Association with Spoken Tutorial, IIT Bombay from 1 April To 15 April 2022 for all SE,TE,BE students.



Mrs. K.D.Patil conducted a project Exhibition cum Competition for All SE,TE,BE students on 13 May 2022.





FDP/Workshop/etc Attended

- Ms. Deepthi Kulkarni :Webinar series on Research Methodology” online mode conducted by AISSMs College of Engineering from 15th Nov to 23rd Nov,2021
- Mrs. Trupti Thite attended "Advance Statistical & Machine Learning Models (ASMLM-2021) ATAL FDP from 15/12/2021 to 19/12/2021 at Indian Institute of Information Technology Ranchi.
- Mrs. Trupti Thite attended Exhaustive Learning of AI & ML(FDP) from 23 to 27 August 2021 conducted by Nutan College of Engineering & Research, Talegaon, Pune
- Mrs. Trupti Thite attended Microcontrollers Faculty Orientation Workshop on TE (E&TC) syllabus from 22-24 July 2021conducted by Department of E&TC, SIT Lonavala.
- Mrs. Trupti Thite attended FDP on Role of Honours Courses in Engineering Education & Research`during October 25-29, 2021;conducted by Sinhadag Institute of Technology, Lonavala,
- Mr. Digambar Jakkan attended FDP on "Block Chain Technology" organized by the D.Y. Patil College of Engineering, Akurdi, Pune from 30th July to 31st July, 2021.
- Mr. Gulame mayuresh Bhagavat attended FDP on "Digital Signal Processing" organized by the Modern College of Engineering, Pune from 26th July 2021 to 28th June 2021
- Mr. Gulame mayuresh Bhagavat attended FDP on "Digital Image Processing" organized by the AISSMS College of Engineering, Pune from 31st Jan 2022 to 2nd Feb 2022
- Ms. Supriya Saste attended FDP on "Database management" organized by the

D.Y. Patil Institute of technology, Pune from 22th July 2021 to 24th June 2021

- Ms. Supriya Saste attended FDP on "Project management" organized by the PCCOE, Pune from 27th Jan 2022 to 29th Jan 2022
- Mrs.Kranti Patil attended FDP 'Research Methodology' organized by GHRCEM 11 June 2021 to 15 June 2021.
- Mrs. Kranti Patil attended FDP on Role of Honors Courses in Engineering Education & Research`during October 25-29, 2021;conducted by Sinhgad Institute of Technology, Lonavala.
- Mrs. Kranti Patil attended FDP on "Electromagnetic Field Theory" organized by the Modern College of Engineering, Pune from 26th July 2021 to 28th June 2021
- Mrs. Kranti Patil attended FDP on "Power Electronics Devices & Circuits" organized by the MMCOE, Pune from 31st Jan 2022 to 2nd Feb 2022

MOUs:

- Signed MoU with My Future Town for Training and Internship on 24/8/2020
- Signed MoU with Supo Labs for Training and Internship on 24/8/2020
- Signed MoU with RajaRajeshwara PCB Manufacturing and Designing on 13/01/2020 (Continued for next 4 Year)
- Signed MoU with Brainiac IP Solutions on 3/1/2016(Continued for next 5 Year)
- Signed MoU with SVR Infotech, Pune on 5/4/2022(for 5 years)

Invited Talks/Judge/Resource:

- INTERNATIONAL MULTIDISCIPLINARY CONFERENCE ON RESEARCH, TECHNOLOGY & ENGINEERING Felicitated to Ms. Deepthi Kulkarni as Technical Session Chair on 7th & 8th April 2022 Association with Conference World in association with Trinity Academy of Engineering,Pune
- Ms. Deepthi Kulkarni worked as Chair of the Panel Session for National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Ms.Deepthi Kulkarni Delivered Guest Lecture on Subject "Digital Communication" Navsahyadri Faculty of Engineering from 19/10/2021 to 27/10/2021.

- Ms. Deepthi Kulkarni Delivered Guest Lecture on Subject “Digital Communication” to TSSM's PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY (PVPIT) from 28/09/21 to 17/11/2021.
- Mrs. Trupti Thite worked as Chair of the Panel Session for National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Mr. Gulame Mayuresh Bhagavat worked as Chair of the Panel Session for National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Mr. Gulame Mayuresh Bhagavat worked as Chair of the Panel Session for National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Ms. Supriya Saste worked as a member of the Panel Session for National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Mr. Digambar Jakkan worked as a member of the Organizing Committee for the National conference on Recent Trends in emerging trends in Engineering, NCRTEE , held at Trinity Academy of Engineering, Pune.
- Mrs. K.D. Patil worked as member of Organising committee for the National Conference on Recent trends in Emerging trends in Engineering ,NCRTEE, held at Trinity Academy of Engineering.
- Mrs. K.D. Patil worked as member of Organizing committee for the International Multidisciplinary Conference on Research, Technology & Engineering , held at Trinity Academy of Engineering 2022
- Mrs. Trupti Thite worked as member of Organising committee in International Multidisciplinary Conference on Research, Technology & Engineering [ImCReTE-2022] organized by KJEI's Trinity Academy of Engineering, Pune [Accredited by NAAC with 'A' Grade] in Collaboration with Conference World and IARDO
- Mr. D. A. Jakkan Online Mode Delivered Guest Lecture on Subject “Computer Network” and “Internet of Things ” to Navsahyadri Faculty of Engineering from 19/10/2021 to 27/10/2021.
- Mr. D. A. Jakkan Online Mode Delivered Guest Lecture on Subject “Electronics Product Design” to TSSM's PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY (PVPIT) from 28/09/21 to 17/11/2021.

Faculties Remarkable Achievements:

- Ms. Deepthi Kulkarni received Award 2022 from KJEI, TAE for publication of Book.
- Mr. Gulame M.B. has got Distinct faculty of the year AWARD from KJEI on 26th Jan 2022
- Mrs. K.D. Patil received “Best Young Faculty Award” By Novel Research Academy, Tamilnadu, in June 2021
- Mrs. K.D. Patil appreciated in Faculty Achievement Award by Trinity Academy of Engineering In August in 2021
- Mrs. K.D. Patil Appreciated by Spoken Tutorial, IIT Bombay for conducting Student Development Programme.

Industrial visits /Tours

1. Virtual Industrial Visit to GMRT, kODED, Ahmednagar, Maharashtra for SE-E&TC students was arranged on 28/2/2022

Objectives and outcome:

The Giant Metrewave Radio Telescope or the GMRT is the world's most sensitive radio telescope at its frequencies of operation and is used by astronomers from across the world. To explain the technology behind this wonderful instrument, the GMRT engineering team has put together a series of posters, each of them with a short audio explaining the poster. Astronomy is a fascinating subject where we learn about the various facets of our vast Universe. Here you can find information about various aspects of astronomy covering what it is, how it is done and where it is done.

INVITATION
GMRT Virtual Science Day 2022
National Centre for Radio Astrophysics -
Tata Institute Of Fundamental Research, Pune &
Indian Institute of Knowledge, Pune
National Level GMRT Science
Experiment Competition & Exhibition 2022

HIGHLIGHTS

- Total No. of Projects : 592
- Total Student Participation : 776
- School and colleges : 300+ Across India

INAUGURATION DATE & TIME
Monday, 28th Feb 2022 at 9:30 am

CHIEF GUEST
Dr. Surendra Kulkarni,
TIFR

SPEAKERS

- Dr. Surendra Kulkarni
TIFR
- Prof. Yashwant Gupta
Centre Director, NCRA-TIFR
- Dr. J. K. Solanki
NCRA GMRT
- Prof. Divya Oberoi
NCRA GMRT
- Shri Nilesh Chidambekar
Indian Institute of Knowledge
- Shri Akhilesh Joshihale
NCRA GMRT

Joint Live Inauguration Program
<https://www.youtube.com/watch?v=30m1m111111>
Exhibition Link : <https://www.indianiitk.ac.in/ncra-tifr>
View and Evaluate Science Project on GMRT-Growing Dots (Android Mobile App)



Virtual Industrial Visit to GMRT

2. Industrial Visit to Doordarshan's High Power Transmitter Station at Sinhgad Fort for SE, TE-E&TC students was arranged on 12/05/2022



Funding:

Received funding of Rs.12,000/- through Impact lecture Scheme 2021-22.



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

Impact Lecture Session scheme - Sanction Order

To

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

Sub: Release of a sum of Rs. 12000/- (Rs. Twelve Thousand only/-) being the reimbursement under the scheme Impact Lecture Scheme, 2021-22 payable during the current financial year 2021-22- reg.

Sir,

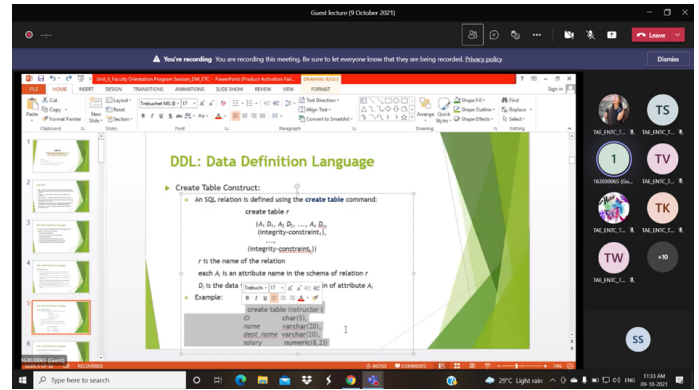
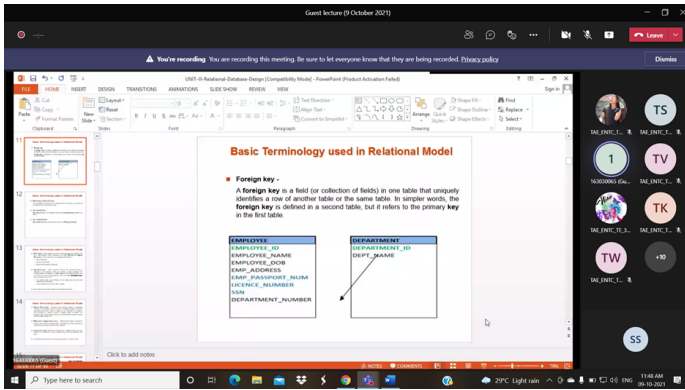
With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs. 12000/- (Rs. Twelve Thousand only/-) as reimbursement under the Impact Lecture Session scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Trinity Academy of Engineering Pune S. No. 25 & 27, A/P. Pisoli, Saswad - Bopdev - Pune Rd, next to Yewalewadi, Kondhwa, Maharashtra 411048
2.	Permanent/IIC ID of Institute:	1-3450001/IC201912366
3.	Scheme under which grant is to be released:	Impact Lecture Scheme, 2021-22
4.	Sanction Order No. & date:	F. No. Innovation/Impact lecture/133/2020-21 Dated 4th Feb, 2022
5.	Duration of the scheme:	2021-22
6.	Name of the coordinator	Dr. Nilesh J. Uke
7.	Total Amount Sanctioned:	Rs. 12000/- (Rs. Twelve Thousand only/-)
8.	Amount to be released during the year 2021-22:	Rs. 12000/- (Rs. Twelve Thousand only/-)
9.	Sanctioned grant-in-aid is debit to:	INNOVATION CELL ACCOUNT
10.	The authorized Officer in whose favour Cheque / Demand Draft / RTGS is to be made (Account Holder's Name)	Trinity Academy of Engineering Pune

Student Development and Welfare:

◦ Guest Lectures :

1. Guest lecture on “Database Management System” was organized for third year students of E&TC Engineering, on 09/10/2021.



2. Guest lecture on “Control System” was organized by Mrs. K.D.Patil for SE students on 16 May 2022



3. To understand the gap between industry and academia, the ENCORE team of the E&TC department arranged an Alumni guest session on Topic “Scope of PLC and Automation in Industry” on 10 June 2021 by One of our alumni Omkar S. Babar, Director- Business Development, Sequoia Automation And Controls Pvt Ltd.
4. Expert Lecture on Challenges in Automation Industry to the Students of SE and TE by Mr. Vinod Atpadkar Director and CEO of SVR Infotech , Pune



5. AS a part of curriculum, the department of E&TC with association of Industry Institute Interaction Cell has organized Guest Lecture of SE,TE & BE students to Introduction of LTE,5G and 6G.The Guest Ex[per]t from the KEYSIGHT Technologies Mr. Prasad Petkar Pre Sale and Application Engineer



◦ **Technical Events:**

1. Prashant Pralhad Pavle has participated in Student Training Programme from 2021-06-18 to 2021-06-22 on C and Cpp organized by IIT Bombay.

2. Raj Manoj Patil successfully passed a eSim test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.
3. Rupesh Waghmare has participated in Student Training Programme from 2021-06-28 to 2021-07-02 on eSim organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay.
4. SHIVSHANKAR GUMTAPURE successfully passed a Python 3.4.3 test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.
5. All Third year E&TC students have successfully completed Internship at Various companies in different domains like web development, IoT, PCB Designing, Embedded system design etc during the period from December 2021 to March 2022.

- **Higher studies in various universities:**

1. Prajakta Kamthe Pursuing MBA from Symbiosis Institute of Business Management, Pune
2. Shrinik ladage doing MS from canada university.

Student Achievements:

1. Prajakta Takale, the student of TE-E&TC has received following awards :
 - Femina Miss India Aspirant
 - Currently playing in the Indian women's League (under Asian Football Confederation) This is the Premier women's club tournament of Asia.
2. Ammar Sayyed received a Certificate of Excellence by World Human Rights Council as Best Student Award.

- **Student Publications:**

- IoT-Based Automatic Covid-19 Prevention Temperature and Mask Check Entry System, Shraddha Pawar, Mrunalini Patil, Vaibhav Wable, Saalim Shaikh, Deepthi Kulkarni in Journal of Signal Processing, Volume-8, Issue-1
- A Portable IoT-cloud ECG Monitoring System for Healthcare Neha Bhujbal , Pooja Yadav , Pooja Choramale, Mrs. Trupti G. Thite, International Journal of innovative research in science and Engineering, Volume 08, issue 04 , 2022.
- “Home Automation using Arduino”, Siddhi Khilare, Rupesh Waghmare, Raj Patil, Supriya Saste, International Multidisciplinary Conference on Research, Technology and Engineering.
- RFID based Attendance Monitoring System By Prajakta Takle, Kavita Vishvakarma, Kranti Patil , International Multidisciplinary Conference on Research, Technology & Engineering.
- Automatic Railway Gate Control System By Prashant Palwe, Mayur Deshmukh, Sidhesh Potdar, Rahul Tandale, Kranti Patil , International Multidisciplinary Conference on Research, Technology & Engineering.
- Face Detection And Recognition Usin Raspberry Pi Prerana Chachar, Dipika Bibarale, Avanti jamdade, Mr. Gulame M.B. International Journal of innovative research in science and Engineering, 2022.
- Indian Currency Coin Prediction Denomination Lildhar Gaikwad, Gulame M.B. and Deepthi Kulkarni. International Journal of innovative research in science and Engineering, 2022.