

Sr. No.	Date	Name of the faculty	Activity		Title
1	28/07/21	Prof. Pranita Padhye	Technical Talk	21	Distributed Cloud
		Dr. Nayana Mahajan	Paper presentation		Detecting COVID-19 patients based on fuzzy inference engine and deep neural network.
2	11/08/21	Prof. Javed Patel	Paper presentation	19	Blue light detection
		Prof. Manoj Suryavanshi	Book Review		21 IoT Experiments
3	25/08/21	Prof. Amaya Pethe	Technical Talk	19	Lithium Rechargeable Battery
		Prof. Rakshak Sood	Book Review		Digital Communication
4	25/09/21	Prof. Sheetal Patil	Paper presentation	19	Implementaion of SVM algorithm for voice detection
		Prof. Akhil Masurkar	Technical Talk		A Novel method to remove spackle from pulsar Images Using Morphological Operations.
5	09/10/21	Dr.Sheetal Mapare	Technical Talk	18	Electronic Skin
		Prof. Anuradha Joshi	Book Review		Python Programming



Prof.Dr. Arun Chavan  
Head Of Department,  
ETRX Department



Dr. Sheetal Mapare  
Department Co-ordinator,  
ETRX Department



## ABOUT THE INSTITUTE

Vidyalankar Institute of Technology is an Engineering Degree and Management College, approved by AICTE and affiliated to the University of Mumbai. Incepted in 1999 and awarded an 'A' Grade by the Govt. of Maharashtra, with three departments of the college are NBA accredited and the institute is NAAC accredited with A+ Grade, the Institute generates quality technocrats with solid academic records and offers excellent placement opportunities. "Work is worship" is the guiding principle for everyone at Vidyalankar. Through our passion for work we incessantly seek progress and believe that individual and collective expertise blossom in an environment of symbiosis. Inspired by the philosophy of "Student Delight", every year VIT welcomes and nurtures around 800 engineering and management talents at the undergraduate, postgraduate and doctorate levels and makes them industry-ready.

**VIT** | Vidyalankar  
Institute of  
Technology  
Accredited A+ by NAAC

## International Conference on

## ADVANCES OF ELECTRONICS AND COMPUTER TECHNOLOGY

*VIT*

(ICAECT-2022)

07<sup>th</sup> - 08<sup>th</sup> APRIL 2022

### Organized By

Department of Electronics Engineering  
Vidyalankar Institute of Technology,  
Mumbai 400 037  
Telefax: 022-24161126  
Website: vit.edu.in

Conference Website  
<https://icaect22.cf/>

Email: ICAECT@vit.edu.in

## IMPORTANT DATES OF CONFERENCE

Call for Paper	06 January 2022
Acceptance Deadline	10 February 2022
Acceptance Notification	10 March 2022
Registration	20 March 2022
Submission of Camera-Ready Paper	28 March 2022
Conference Dates	7 & 8 April 2022

Mode of Conduction : Online  
Platform : MS-Teams

## Tracks

- Industry 4.0
- Virtual Reality and Artificial Intelligence
- Power Systems and Automation
- Communication and Network security

## List of journal

Selected papers shall be published in any one of the Journal given below

- Gradiva Review Journal (UGC Care List Group 2, Scopus Active Journal)
- International Journal of Engineering and Management Research (The journal is Abstracted/Indexed in: CrossRef, SSRN(Elsevier), Scilit, Google Scholar, CNKI-Scholar, Publons, Microsoft Academic, Open J-Gate, Research Bib, Mendely, etc.)
- Journal of Emerging Technologies and Innovative Research (UGC Care List)
- Web-of-science Indexed Journal.



## REGISTRATION DETAILS:

Author/ Participant	Academia Participant	Industry Participant
Indian Author	Rs.2500	Rs.3000
Foreign Author	\$50	\$100
Participants	Rs.500	Rs.1000

## PAPER SUBMISSION LINK

<https://easychair.org/cfp/ICAECT-2022>

## OBJECTIVE OF THE CONFERENCE

Vidyalankar Institute of Technology aims to bring together academicians and experts from different parts of the country and abroad to exchange knowledge and ideas. With this vision, The Conference on Advances of Electronics and Computer Technology (ICAECT-2022) is being proposed, to be held on 07<sup>th</sup> and 08<sup>th</sup> April, 2022.

## VISION OF CONFERENCE

Vidyalankar Institute of Technology aims to move a step further in its teaching endeavours and head towards research and promote interdisciplinary collaborations.

The International Conference on Advances of Electronics and Computer Technology (ICAECT-2022) is to be held on 07<sup>th</sup> and 08<sup>th</sup> April, 2022 is intended to bring together researchers and practitioners, from the academy and industry.

This conference shall be organized with parallel multi-track programmes, which will introduce participants to advances of electronics and computer technology. It will focus on the applications for the 'compliance to industry 4.0.'

## ABOUT DEPARTMENT OF ELECTRONICS ENGINEERING

Electronics Engineering is an ever evolving field that has benefitted the progress of man and society. Electronic gadgets have become an integral part of our lifestyle. In fact, we begin our day with some electronic gadget and end the day with it. In today's fast-changing world, a new generation of electronics engineers needs to be developed to provide environment friendly solutions to the challenges faced due to limited resources. The department has a dedicated faculty to develop all round electronics engineering graduates with highly professional and ethical values. The department has well equipped laboratories where students can perform experiments and work on real life problems.

## PATRON

- Ms. Rashmi Deshpande Chairperson, VDT
- Mr. Vishwas Deshpande Trustee, VDT
- Mr. Milind Tadvalkar Director, VDT
- Dr. Sunil Patekar Principal, VIT
- Prof. Varsha Bhosale Vice Principal, VIT
- Dr. Saurabh Mehta CAO, VIT
- Dr. Amit Oak COO, VIT

Program Chair	Program Co-Chair
Dr. Arun Chavan	Dr. Sheetal Mapare Dr. Nayana Mahajan

Technical Committee	Publication Chair
Dr. Sangeeta Joshi Prof. Shrikant Velankar Dr. Girish Gidaye	Prof. Pravin Annadate Prof. Rakshak Sood Prof. Anuradha Joshi

## Registration and Enquiry

Prof. Rakshak Sood – 9004649055

Prof. Akhil Masurkar – 9819063308

## Advisory Board

- Dr. S.Mukhopadhyay (Macquarie University, Australia)
- Dr. Mondher Frikha (Director, Sfax, Tunisia)
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- Dr. S. G. Kadwane (HOD, YCCE, Nagpur)
- Dr. R. M. Moharil (Professor, YCCE, Nagpur)

## Schedule Day 1: 07<sup>th</sup> April 2022

Time	Day 1
09:30 a.m. To 10:00 a.m.	Inauguration of Conference
10:00 a.m. To 11:00 a.m.	Keynote Speech
11:00 a.m. To 12:00 p.m.	Guest of Honour Speech
12:00 p.m. To 01:15 p.m.	Lunch Break
01:15 p.m. To 02:45 p.m.	Session 1      Session 2
02:45 p.m. To 03:00 p.m.	Tea Break/Poster Presentation
03:00 p.m. To 04:30 p.m.	Session 3      Session 4

## Schedule Day 2: 08<sup>th</sup> April 2022

Time	Day 2
09:30 a.m. To 10:30 a.m.	Tutorial Session
10:30 a.m. To 11:00 a.m.	Tea Break/Poster Presentation
11:00 a.m. To 12:30 p.m.	Session 5      Session 6
12:30 p.m. To 01:35 p.m.	Lunch Break
01:30 p.m. To 03:00 p.m.	Session 7      Session 8
03:00 p.m. To 03:15 p.m.	Tea/Coffee Break
03:15 p.m. To 04:30 p.m.	Valedictory and closing



Case study Competition – IIT Guwahati 2021

<b>Activity No.</b>	1
<b>Activity Title</b>	Case Study Competittion- 2021
<b>Activity Co-ordinated By:</b>	Jay Bhatt
<b>Activity Details Day/s:</b>	1
<b>Date/s :</b>	24th July, 2021
<b>Venue:</b>	Online Conducted by I.I.T Guwahati
<b>Activity Description</b>	<ul style="list-style-type: none"><li>• The activity was for bringing awareness about the entrepreneurial spirit amongst Management Students</li><li>• <b>The Product Case Study competition</b> was held by IIT Guwahati for students to showcase their product management skills. The E-cell of IIT Guwahati generated a YouTube related case study and the students had to come up with a solution to the problem by thinking like a product manager for YouTube. The case study was based on the unwanted long advertisements that users have to watch on YouTube and the teams were required to find a solution to avoid those ads either by taking surveys, at a cost or by seeing more ads in the future by coming up with the most optimal solution that would benefit both YouTube and the user. The problem statement was released on the 12<sup>th</sup> of June 2021 and the submission of the solution was by 21<sup>st</sup> June 2021. There had to be a team of 2-5 people and they need not be from the same college..</li></ul>
<b>Purpose of the Activity</b>	The case study was based on the unwanted long advertisements that users have to watch on YouTube and the teams were required to find a solution to avoid those ads either by taking surveys, at a cost or by seeing more ads in the future by coming up with the most optimal solution that



Case study Competition – IIT Guwahati 2021

	would benefit both YouTube and the user.
<b>Speaker's profile and work experience</b>	NA
<b>Takeaway</b>	Evolution is a continuous process and we can always thrive to make our lives simpler and better by just making the tasks easier and hassle free. similarly, with the case study talking about the problem of watching advertisements led us to come to a mutual solution of creating "YouCredits" as a way to escape those ads and also make YouTube even more interactive than usual by adding new features. all this was while keeping in mind that it does not impact the ad revenues. We also got to brain storm several ideas and work as a team while creating PRD and wireframe which was something new for all of us so we took it as a challenge and tried to overcome it.
<b>Attendees</b>	More than 390 teams from all over Indi Participated
<b>Target audience</b>	Engineering and Management Students

**Photographs**



Convener

Prof, Jay Bhatt