

**KARPAGAM INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 105**

**NEWS LETTER
SMRITI
2020-21
(ODD)**

**Department of
INFORMATION TECHNOLOGY**



HOD'S DESK

Department of Information Technology commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, department pays special emphasis on teaching and hands on practical work. Students exhibit their innovative ideas, skills and potentials as final year projects and have won many awards at University level. The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education. We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry.

We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

In IT Dept, our students push intellectual boundaries, enjoy the freedom to experiment, engage in rigorous debate, strive for personal bests, embrace abundant leadership opportunities, learn to overcome obstacles and pray, laugh and grow.

-Dr. D. Bhanu, M.E., Ph.D

Vision of the Institution

To impart quality technical education emphasizing innovations and research with social and ethical values.

Mission of the Institution

- Establishing state-of-the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.
- Creating a conducive environment for nurturing innovative ideas and encouraging research skills.
- Inculcating social and ethical values through co-curricular and extra-curricular activities.

Vision of the Department

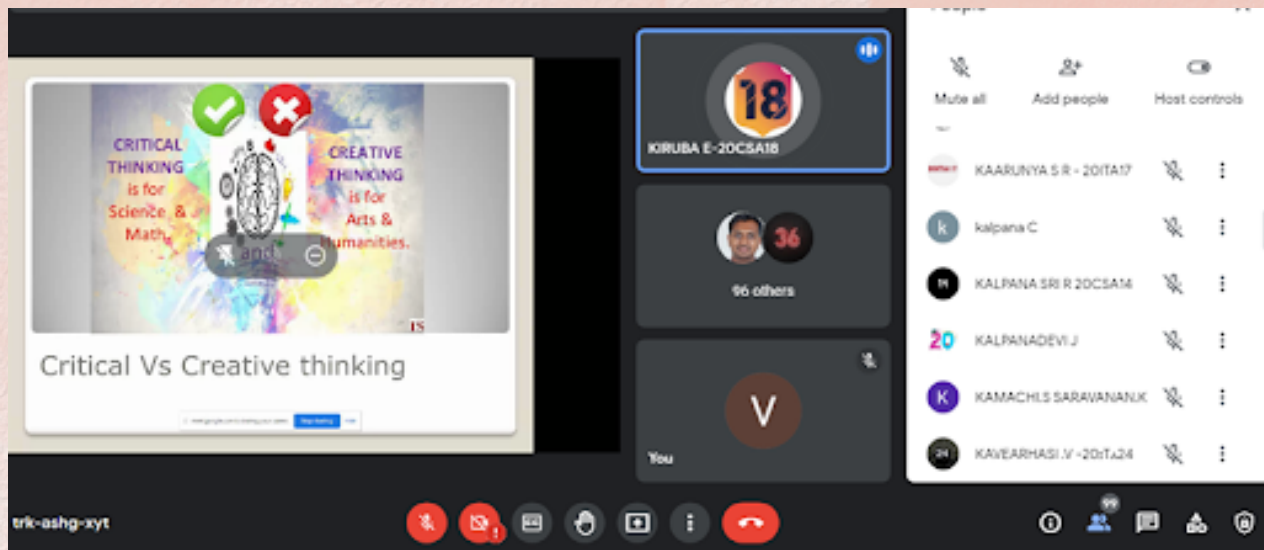
To produce technically competent and skilled engineers to meet the challenges of the IT industry.

Mission of the Department

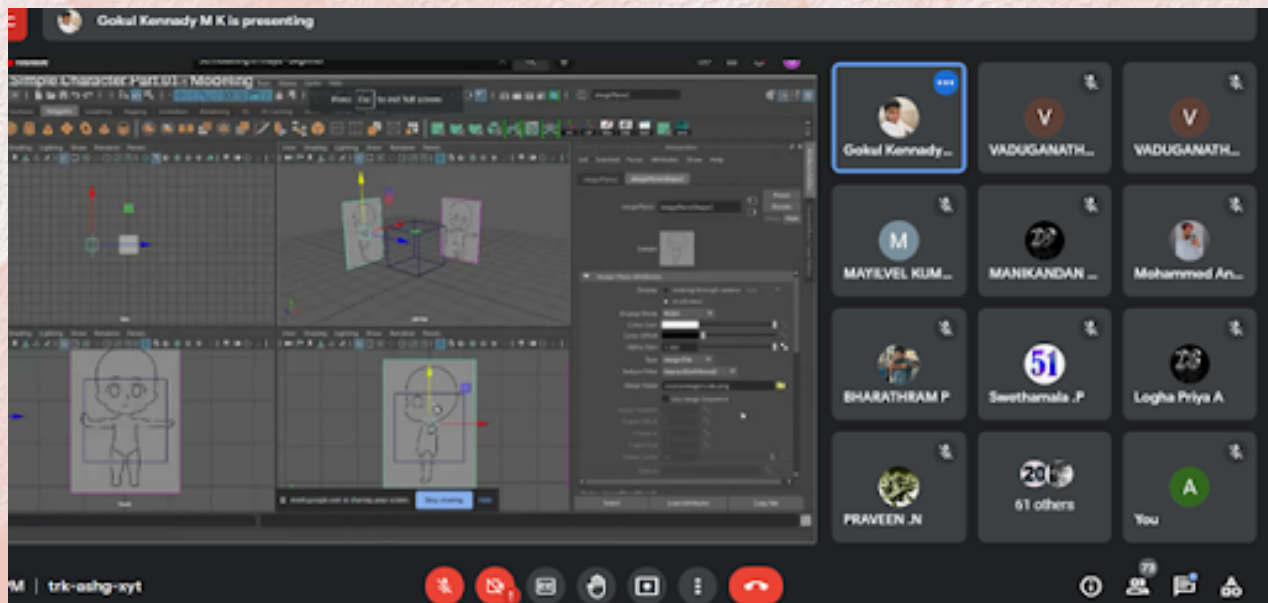
- Establishing innovative teaching learning practices with competent faculty and state of the art facilities.
- Enriching knowledge on latest technological advancements through industrial collaborations.
- Developing moral and ethical values through extension activities.

SEMINARS, SYMPOSIUMS, GUEST LECTURES AND WORKSHOPS ORGANIZED

Department of IT&IIC Jointly organized Workshop on “PROBLEM TO PRODUCT” on 10.11.2020

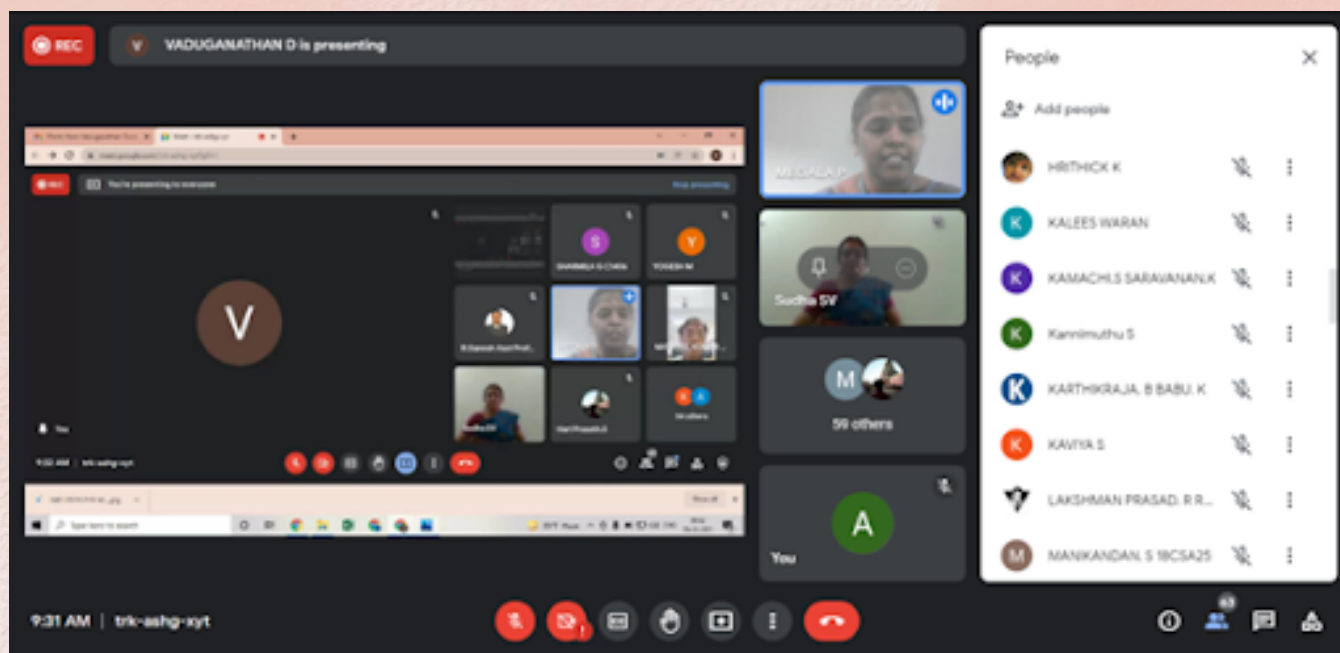


Dr.K.Aravindhnan, Professor/CSE, Addressing about creative thinking in product development

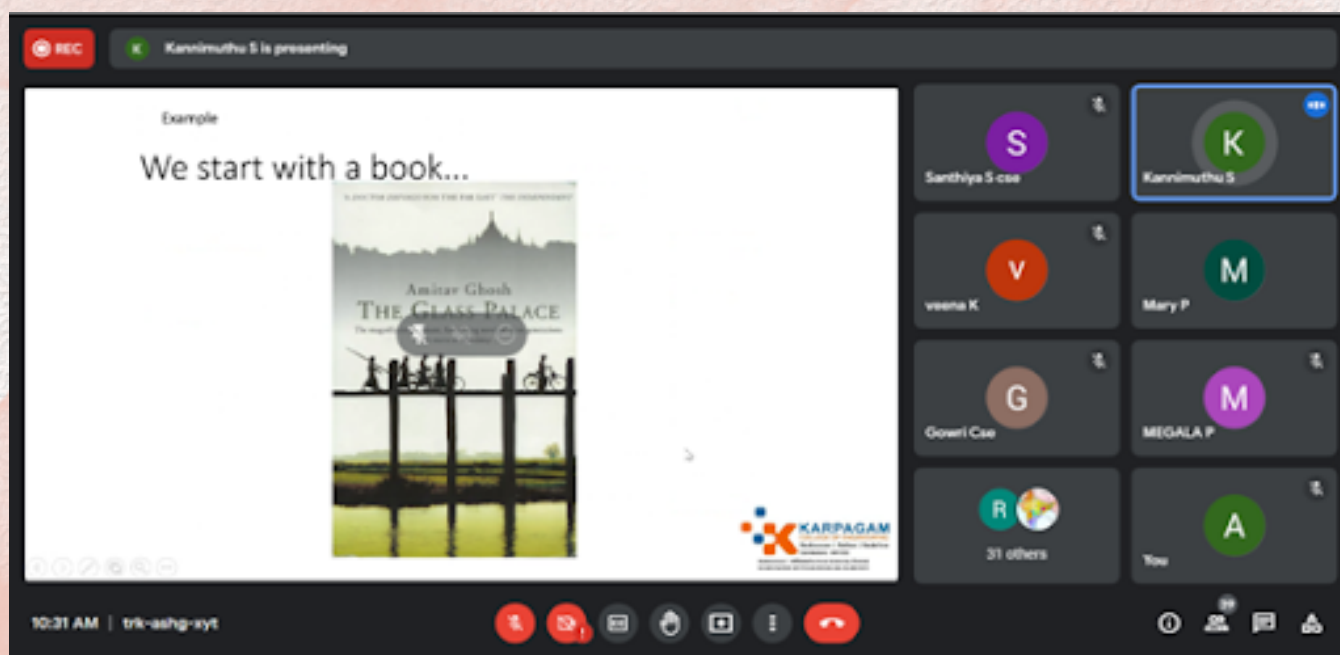


On behalf of KIT, Department of Information Technology, Karpagam Institute of Technology & Institution’s Innovation Council, jointly organized a seminar on Problem to Product on 10.11.2020. Dr.C.Vimalarani,ASP/IT gave welcome address and Chief Guest Introduction. The session was handled by the Resource Person Dr.K.Aravindhnan, Professor/CSE, SNS College of Engineering & Technology.

IIC & Department of IT organized the guest lecture “Ethical Principles of Engineers” on 20.08.2020

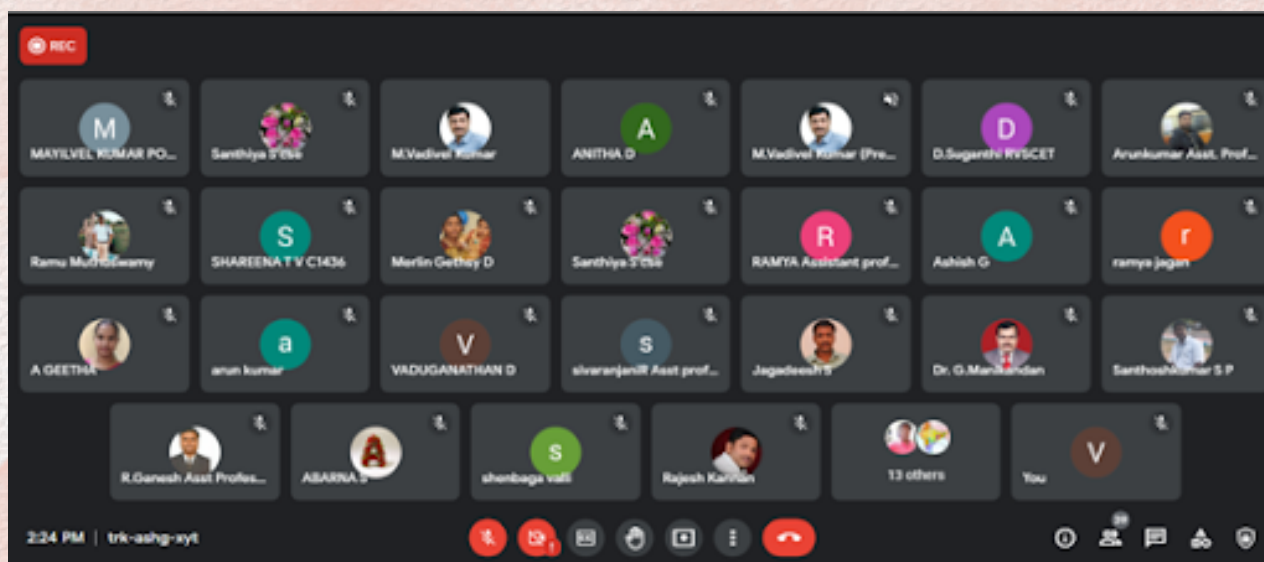
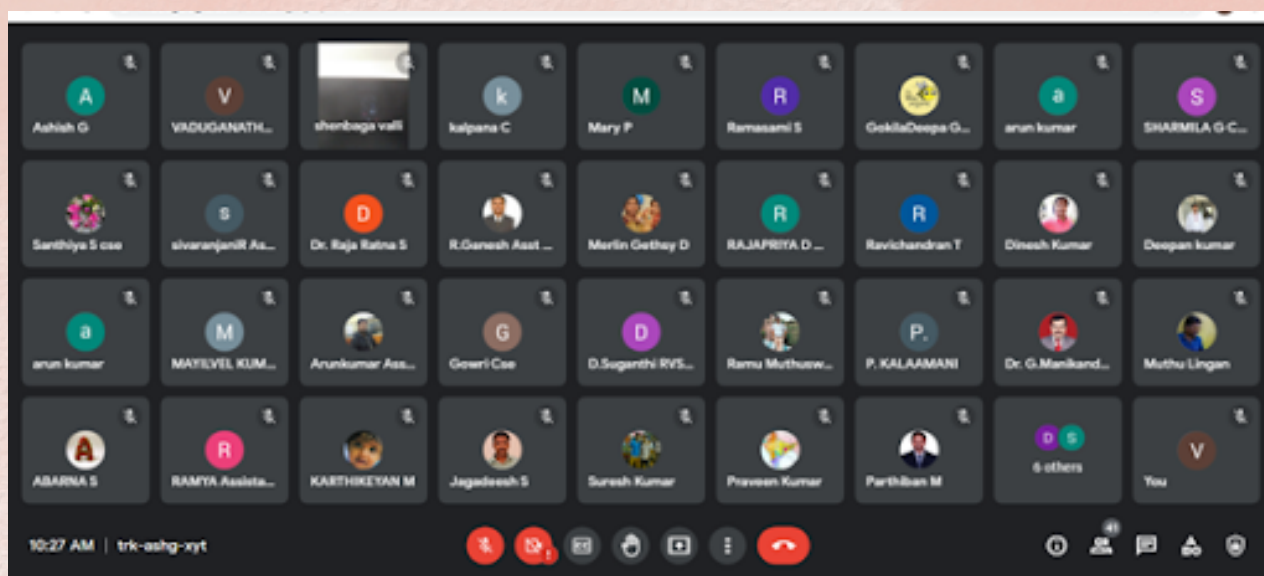


Resource Person Dr.R.Sasikala discussing ethical principles rules



Department of Information Technology and Institution's Innovation Council, jointly organized a Guest Lecture on Ethical Principles of Engineers on 20.08.2020. Ms.T.Yawanikha, AP/IT gave welcome address and Chief Guest Introduction. The session was handled by the Resource Person Dr.R.Sasikala Associate Professor VIT University. In the session, she gave some important principles to guide engineering professionals and discussed topics of honesty and integrity, respect for life, law, the environment and public good, accuracy and rigor, Leadership and communication. The session was very useful for the students.

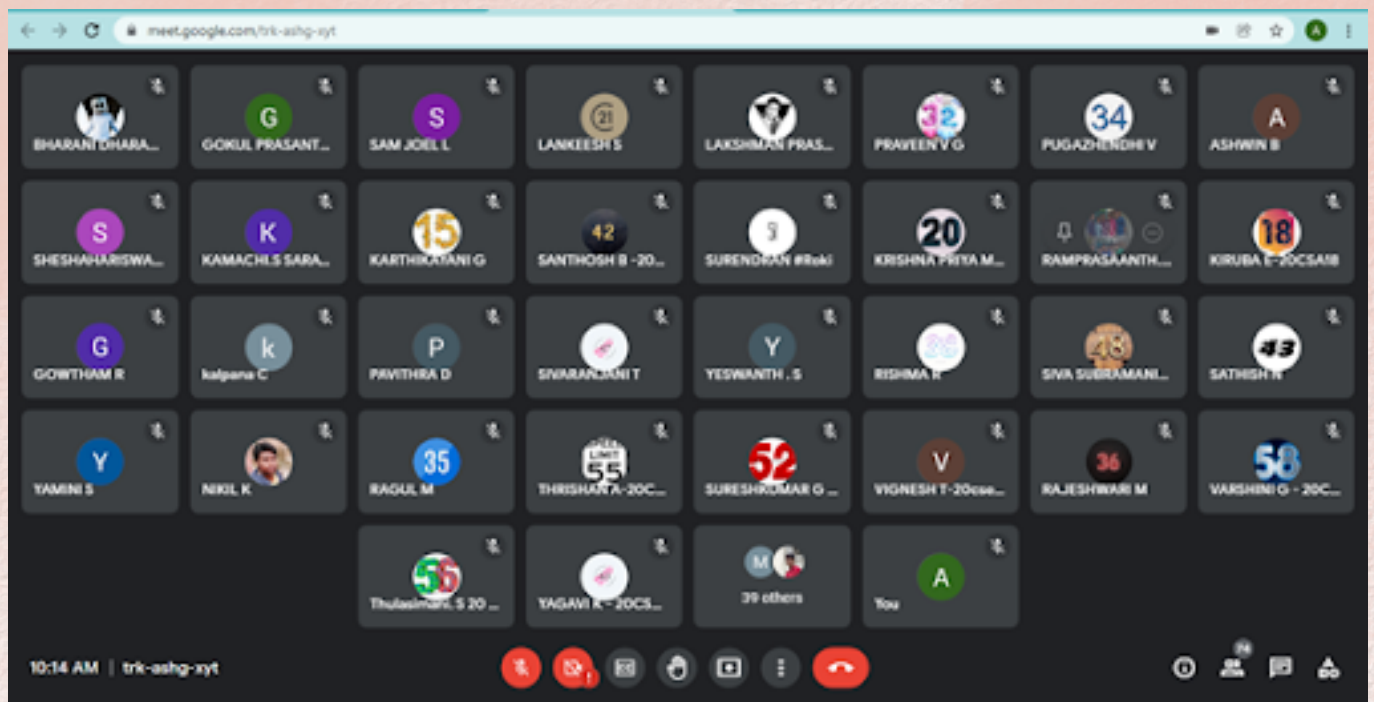
Department of Information Technology has been conducted the Guest Lecture on “INDUSTRIAL EXPECTATION” on 18.08.2020



Talk about Industrial Expectation during Session

The session was handled by our Resource Person Ms.Aparna, Senior UI Trainer, Seyoni Solutions, Pollachi. During guest lecture our resource person talked about significant skills and practical knowledge and motivates them to become a professional and successful engineer. There are different courses taught under industrial training. Industrial training offers the obligation for real-time work and job offers. Our student asked more queries about this industrial training. Finally the guest lecture was ended with vote of thanks.

IIC & Department of IT jointly organizes the “CAREER GUIDANCE PROGRAM” on 09.09.2020



Resource Person Dr.Sampath Kumar addressing the students

On behalf of KIT, Department of Information Technology, Karpagam Institute of Technology organized a Career Guidance Program on 09.09.2020. Mr.B.Madusudhanan, AP/IT gave welcome address and Chief Guest Introduction. In the session, resource person gave details about comprehensive, developmental program designed to assist individuals in making and implementing informed educational and occupational choices. He also discussed about process of choosing a stream or a career, deciding whether or not they should change careers or jobs, re-entering the workforce, or maybe wanting to learn more about career guidance in general - a complete knowledge always helps. A good foundation begins with the basics. The session was very useful for the students.

IIC & Department of IT Jointly organizes the “TRAINING ON VERBAL AND COMMUNICATION SKILLS” on 14.10.2020

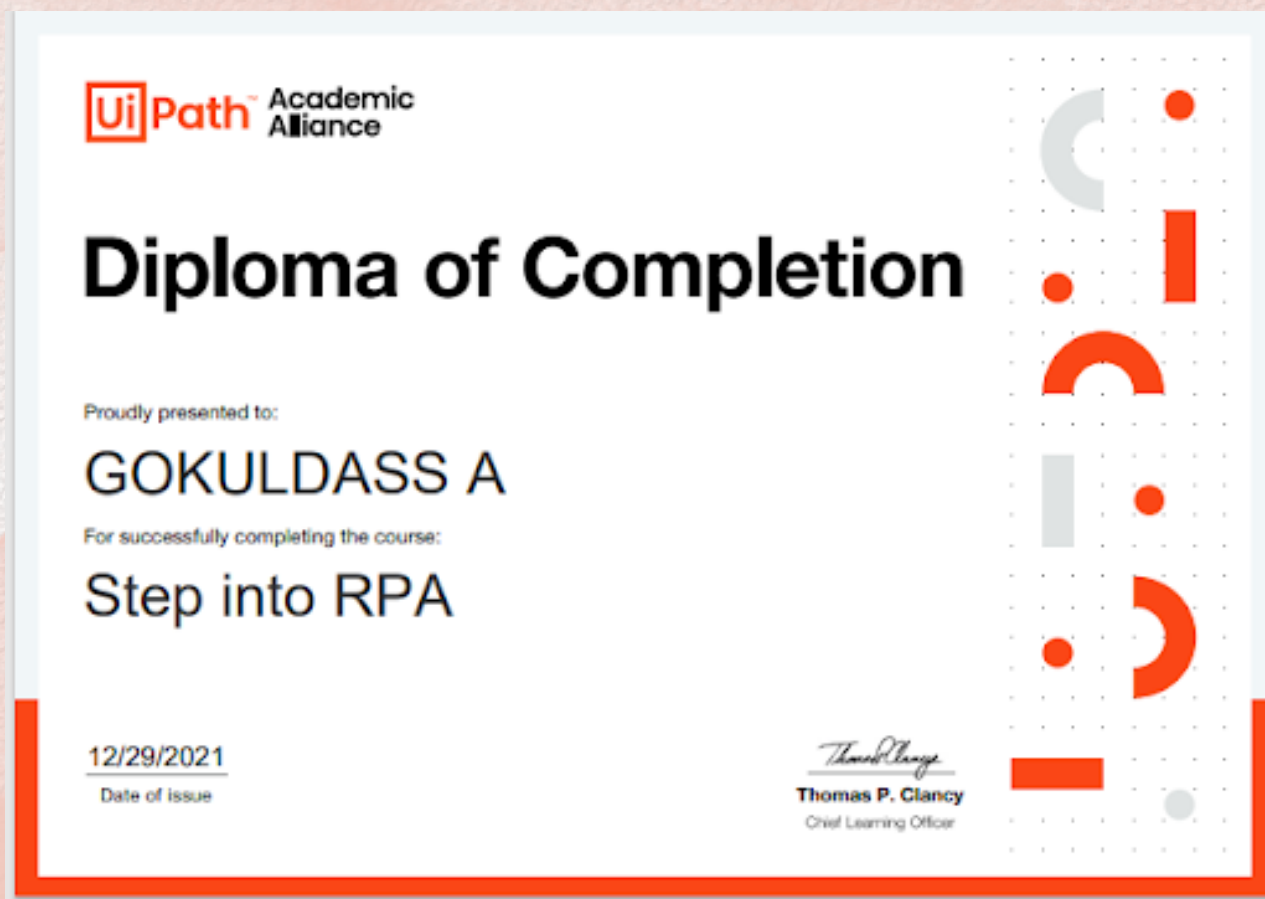


Presentation on Communication Skills

Faculty coordinator of event gave welcome address and Introduced Chief Guest to the gathering. The session was handled by our Resource Person Mr. Anilkumar Chera, Freelance Consultant, Project Management Office Lead Head PMO Digient Technology. During this Effective Communication Skills course, students will gain in-depth knowledge of various essential concepts such as communication barriers, case study: new neighbors , listening Skills, communication situations, communication funnel, body language, and many more. This training also includes listening based exercises and quizzes to emphasize the importance of listening to effective communication

PROFESSIONAL ACTIVIITES

- Node school, Coimbatore chapter have conducted the Inter college Hackathon on 07.09.2020
Most of the students have participated and show their talents.
- GitHub have conducted the “Hackober Fest 2020” on the month of October 2020
- ICT Academy-UI Path Academic Alliance



The massive talkathon event was conducted on 31.12.2021



The Massive Talkathon of India

SEASON

7

WHO CAN PARTICIPATE?

Students of
ICT Academy
Member Institutions
across India

To develop the communication skills and kindle the interest of public speaking among students, ICT Academy organizes Youth Talk India 2021. The 7th edition of the massive talkathon brings the students of higher education across India on a single virtual platform to compete against each other to exhibit their public speaking skills and evolve leadership capabilities.

WINNERS TO GET



RECOGNIZED AS
**YOUTH ICON
OF INDIA**



GADGETS



**AWARDS &
CERTIFICATIONS**

Last Date to Register
and Submit Video

→→→ **31 DECEMBER 2020**

youth.ictacademy.in/talk2021

HOW TO APPLY?

- Select a Topic
- Register online for the contest and you will receive the login credentials through email.
- Prepare a persuasive content
- Record a 10-minute video of your speech
- Upload the unedited video in your YouTube Channel (Mark it as 'Unlisted Video' while uploading)
- Update your YouTube video link with us, using the login credentials provided.

[ictacademyindia](https://www.ictacademyindia.com)

FDP ATTENDED

S.No	Name of the Faculty	Name of the Programme	Date
1	Dr.B.Bhanu	FDP on "Being A Super Teacher"	06.07.2020 to 12.07.2020
2	Dr.B.Chella Prabha	FDP on "Next Generations of Computing: Artificial Intelligence and Machine Learning "	06.07.2020 to 12.07.2020
3	Dr.A.Christopher Paul	STTP on Federated Identity Management System: Research Perspectives	17.08.2020 to 22.08.2020
4	Mr.V.Dinesh Babu	STTP on "Empowering The Moral Values, Ethics and Behavioural Attitude"	01.12.2020 to 07.12.2020
		ATAL FDP on Augmented Reality / Virtual Reality	15.12.2020 to 19.12.2020
5	Ms.T.Yawanikha	Virtual FDP on Network Simulation tools-NS2 & NS3	10.08.2020 to 14.08.2020
6	Mr.B.Madusudhanan	FDP on "Being A Super Teacher"	06.07.2020 to 12.07.2020

7	Mr.D.Shyam Prakash	STTP on Federated Identity Management System: Research Perspectives	17.08.2020 to 22.08.2020
8	Mr.V.P.Arul Kumar	STTP Empowering The Moral Values, Ethics And Behavioural Attitude	01.12.2020 to 07.12.2020
9	Ms.A.Mahalakshmi	NPTEL FDP on Introduction to Internet of Things	Sep-Dec 2020

STUDENTS ACHIEVEMENTS

IT department students were participated in different events and contests from different institutes. The students name list are given below

S. No	Date	Name of the Students	Name of the events/Contests	Name of the Institute	Achievements/ Prizes
1	01-08-2020 to 03-08-2020	Mohamed Ashik Rakshya C Sharmila G Shievani R Venkatalakshmi G	Smart INDIA Hackathon 2020	MHRD	Winner

2	13-12-2020	Abhirami B	Introducing Robotic Process Automation (RPA)	Automation Anywhere University	Participation
3	13-12-2020	Abhirami B	Did You Know that RPA is Simple, yet Powerful, When Compared to Traditional Automation?	Automation Anywhere University	Participation
4	18-08-2020	Abhirami B	Startup India Recognition	ANNA UNIVERSITY	Participation

Few of our students have placed in two different company. The namelist is given below,

S. no	Name of the student placed	Enrollment no	Name of the employer	Appointment letter reference no with date
1	KEERTHANA J	16ITA24	REPUTE DIGITAL BUSINESS AGENCY	14.12.2020
2	METLASH D M	16ITA29	REPUTE DIGITAL BUSINESS AGENCY	14.12.2020
3	PERUMAL R P	16ITA31	REPUTE DIGITAL BUSINESS AGENCY	14.12.2020
4	LOGESHWARAN P	16ITA26	SIMS SOLUTION	14.12.2020
5	PRABHUDEVA B	16ITA32	SIMS SOLUTION	14.12.2020

6	PRANEETH R	16ITA34	SIMS SOLUTION	14.12.2020
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JOURNAL PUBLICATION

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Journal	Vol. No., Issue No., Page No., Month & Year
1	KS Bhuvaneshwari , D Bhanu	Frequently Accessed Binary Search Tree (Fast)	Journal of Solid State Technology	Vol.No.63, Issue 5, pp. 9751-9765, December 2020
2	S Gopinath, N A Natraj, D Bhanu and N Sureshkumar	Reliability Integrated Intrusion Detection System for Isolating Black Hole Attack in MANET	Journal of Scientific & Industrial Research	Vol.No.79, pp.905-908, October 2020.

3	S. Shaul Hammed, Dr.B. Chellaprabha, S. Ramamani	AN EXPERIMENT AL APPROACH TO BUILD CONSUMER TRUST USING CLOUD TRUST LABEL	Journal of Critical Reviews	ISSN- 2394-5125 Vol 7, Issue 4, 2020
4	Dr.S.Vinoth Kumar, Dr.A.Christopher Paul, Dr. H. Shaheen	A Study on Picture Recognition Using Pre- processing and Decision Making	Journal of Xi'an University of Architecture & Technology	ISSN No : 1006- 7930, 2020

EDITORIAL MEMBERS



EDITORIAL FACULTY MEMEBER

Mr.V.Dinesh Babu AP/IT

EDITORIAL STUDENT MEMBERS

- **Rahul S** - III IT
- **Devasena K** - III IT
- **Gnanasekaran K** - II IT
- **Dinakaran M** - II IT