

IGNITE 2022



A DAILY NEWSLETTER

Editor in chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

Ms Mary Surya Kala, ASP - S&H
Ms Abirami Sekar, AP - CSE

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.



Website:www.act.edu.in

OMR, Thalambur, Chennai - 600 130. **Phone:** 044 6740 9444/45 **Mobile:** 8122124081,9445024081, **Email:** admission@act.edu.in

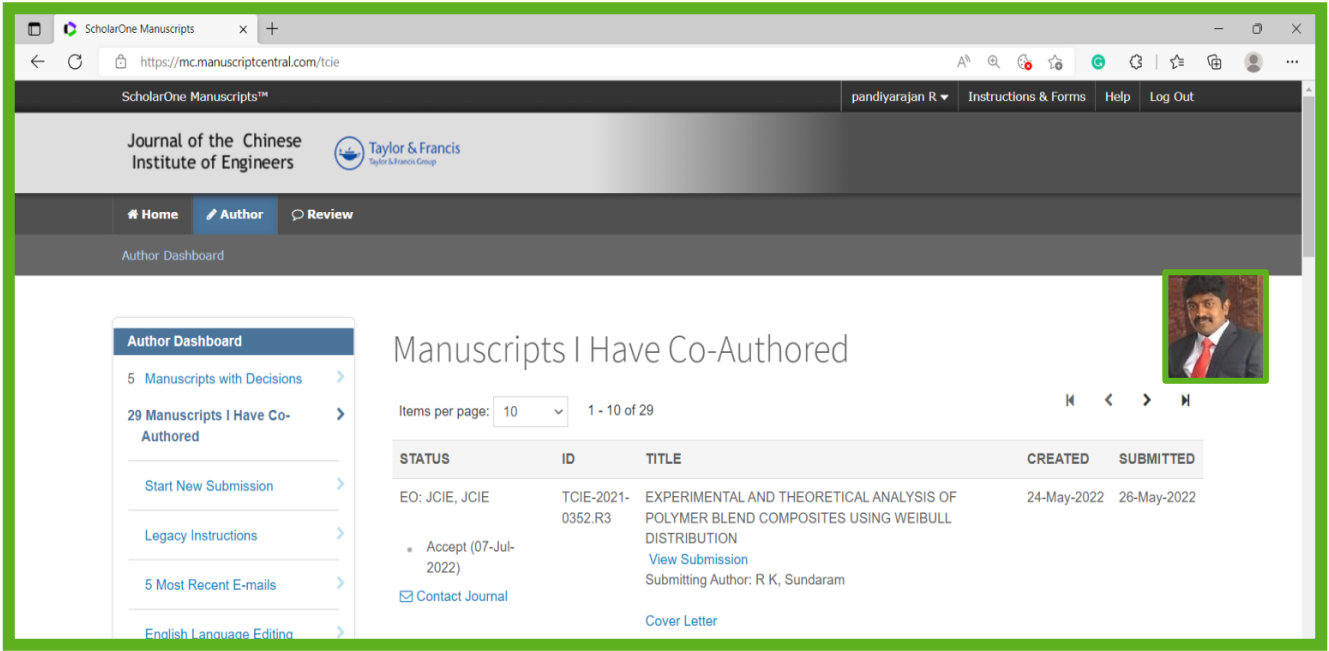


FACULTY PARTICIPATION



Dr. R. Pandiyarajan, Head, Department of Mechatronics Engineering had undergone **Innovation Ambassador Training (Foundation Level)** conducted by MoE's Innovation Cell & AICTE from 5th August to 31st August 2021 in online mode.

FACULTY JOURNAL ACCEPTANCE



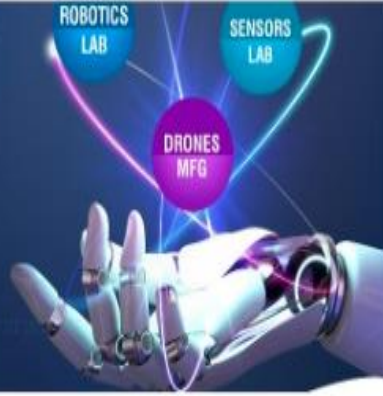
Dr. R. Pandiyarajan, Head, Department of Mechatronics Engineering has submitted the paper entitled **Experimental Investigation of Morphological and Mechanical Properties of SiC-neem-coir Fiber Reinforced Hybrid Composite** has been accepted in the Journal of the Chinese Institute of Engineers.

STUDENT ACTIVITIES



DESIGN YOUR OWN FUTURISTICS UNSUPERVISED MACHINES ENROLL NOW

B.E.
MECHATRONICS ENGINEERING



ROBOTICS LAB
SENSORS LAB
DRONES MFG

Agni College of technology-chennai



MSc admission in Erns-Abbe-hochschule- University of Applied Sciences Carl-Zeiss-Promenade Jena at Germany for Masters in Scientific Instrumentation.

Sowfiq, IV year student, Department of Mechatronics Engineering has been shortlisted for the admission in **Erns-Abbe-hochschule - University of Applied Sciences Carl-Zeiss-Promenade Jena in Germany for Masters in Scientific Instrumentation.** Agni feels proud of him.

DEPARTMENT MEETING



Dr. P. Murugan, Associate Professor and Head, Department of Chemical Engineering conducted a meeting for all faculty members of the department on 12 July 2022 and discussed about the academic plans for the Odd semester 2022-23.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.

    Website:www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in



DEPARTMENT MEETING



Dr. S. K. Narendranathan, Head, Aerospace Engineering has conducted a meeting in the Department with the Faculty Members regarding Academic Plan, Training Programs, Course File Deadline, Admission Status for the Odd Semester of Academic Year 2022-23.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology



Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.

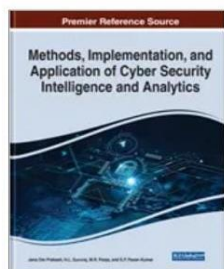


Website:www.act.edu.in



OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in

FACULTY ACHIEVEMENT



Artificial Intelligence-Based Billing System: Fingerprint Mechanism

Kathirvel A. (Karunya Institute of Technology and Sciences, India), Sabarinathan C. (SRM Institute of Science and Technology, India), Saravanan N. (M. N. M. Jain Engineering College, India), Ramesh S. (Acharya Institute of Technology, India), Meera S. (Agni College of Technology, India), Karnavel K. (Anand Institute of Higher Technology, India) and Sudha D. (Mother Theresa Woman's University, India)

Source Title: Methods, Implementation, and Application of Cyber Security Intelligence and Analytics

Copyright: © 2022

Pages: 14

DOI: 10.4018/978-1-6684-3991-3.ch009

Dr. Meera, Professor & Head, Department of Computer Science and Engineering has published a book on Artificial Intelligence - Based Billing System: Fingerprint Mechanism with Agni Affiliation.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.



Website:www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in



FACULTY STUDENT TRAINING



Mr. Srinivasan, Assistant Professor, Mr. T. Vivek Assistant Professor and S. Somasundaram, & K. Ganeshkumar, II year PG students, Department of MHT have been attending the **ROBOTIC TRAINING** from 14th July 2022 onwards at Malles Automation Pvt. Ltd., Chennai.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology



Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.



Website:www.act.edu.in



OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in

STUDENT ACHIEVEMENT



Shia#sh
Focus on Deliverables

28th June 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Ms. **ESTHER SHARON** (Reg.No.312818205008) Student of **B.Tech.(Information Technology) Agni College of Technology- Chennai**, has successfully completed the Internship **PYTHON** domain from **March 2022 to May 2022** in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Shia#sh Info Solutions Private Limited

Ashwini Kanniyappan

Manager – Human Resources

Shia#sh Info Solutions Private Limited

ESTHER SHARON, Final year student, Department of Information Technology has successfully completed the **Internship in PYTHON Domain** from March 2022 to May 2022 at Shia#sh Info Solutions Private Limited.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.



Website:www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in



FACULTY PARTICIPATION



Ms. Lakshmi Priya R V, Assistant Professor, Department of Information Technology has completed **the online course on Software Testing** from Great Learning in May 2022.

FACULTY PARTICIPATION



Ms. R Beaula Jasmine, Assistant Professor and Head In-Charge, Department of Civil Engineering has attended the **Innovation Ambassador Training- Foundation Level Course** conducted by MoE's Innovation Cell & AICTE through online mode.

FACULTY PARTICIPATION



Dr. N V S Sree Rathna Lakshmi, Professor and Head, Dr J P Josh Kumar, Professor, Dr. Muthalagu R, Professor, Dr Kuzhaoli S, Associate Professor, Mr. Mohamed Ismail K, Assistant Professor, Department of Electronics and Communication Engineering have successfully completed a one week online FDP on **Recent Trends in 5G Communication, Design & Technology** organized by Rajalakshmi College of Engineering , Chennai from 05.07.22 to 09.07.22.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.



Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



FACULTY PARTICIPATION



Mr. Ohm shankar S, Mrs. Maheswari. D, Mrs Sureka N, Ms Chithra P and Mr Ratheesh R, Assistant Professors, Department of Electronics and Communication Engineering have successfully completed a ONE week online FDP on **Recent Trends in 5G Communication, Design & Technology** organised by Rajalakshmi College of Engineering , Chennai from 05.07.22 to 09.07.22.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.



Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



FACULTY PARTICIPATION



Mr. Ohm shankar S and Mrs. Maheswari. D, Assistant Professors, Department of Electronics and Communication Engineering have successfully completed a one week online Professional Development Programme on **Embedded Systems using 8051 Microcontroller** organized by NITTTR, Chennai from 27.06.22 to 01.07.22.

BE AN ACTIONEER, ASPIRE TO BE THE BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.



Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



FACULTY ACHIEVEMENT



Dr. T. ANAND, Professor & Head, Department of Mechanical and Automation Engineering has Successfully completed the online course on **Introduction to Minitab** offered through **Skillup** on 11th July 2022.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.



Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



FACULTY ACHIEVEMENT

FORM 2

THE PATENTS ACT, 1970

(39 OF 1970)

AND

THE PATENT RULES, 2003

COMPLETE SPECIFICATION

(See section 10 and rule 13)

Title of Invention:

“DESIGNING A NEW DRESSING BANDAGE TO THE FRACTURED

WOUND ESPECIALLY IN DIABETIC PATIENTS”



Mr. Deepak Sampathkumar, AP, Department of MAE has published the Indian Patent as a Applicant & Inventor on the title **DESIGNING A NEW DRESSING BANDAGE TO THE FRACTURED WOUND ESPECIALLY IN DIABETIC PATIENTS**. Patent Application filed Reg. no. 202231034414 on 08.07.2022.

FACULTY ACHIEVEMENT



S. Deepak Assistant Professor - MAE <deepak.mae@act.edu.in>

7030866: Thank you submitting your reviewer report!

1 message

Yuvaraja Teekaraman <camille.ventura@hindawi.com>
To: deepak.mae@act.edu.in

Fri, Jul 15, 2022 at 1:32 PM



Dear Dr. Deepak,

Thank you for submitting your reviewer report on on Research Article 7030866 titled "The imaging characteristics of lens subluxation on the ultrasound biomicroscopy" by Haiyan wang, and for taking the time and effort to review this manuscript for Contrast Media & Molecular Imaging.

Kind regards,
Contrast Media & Molecular Imaging

This email was sent to deepak.mae@act.edu.in. You have received this email in regards to the account creation, submission, or peer review process of a submitted paper, published by Hindawi Limited.

Hindawi Limited, 3rd Floor, Adam House, 1 Fitzroy Square, London, W1T 5HF, United Kingdom

Hindawi respects your right to privacy. Please see our [privacy policy](#) for information on how we store, process, and safeguard your data.



Mr. Deepak Samathkumar, Assistant Professor/MAE has reviewed and report submitted a Contrast Media & Molecular Imaging, Research Article 7030866 titled "The imaging characteristics of lens subluxation on the ultrasound biomicroscopy" on 15 July 2022.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.

Website: www.act.edu.inOMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in

FACULTY ACHIEVEMENT

Title of the Invention:

IOT based Wearable Health Monitoring and Assisted Living of Elderly People

Field of the Invention:

For various components to be maintained, remote innovation has grown in recent years. In recent years, the Internet of Things (IoT) has occupied a significant section of the mechanical zone, making it very robotic and controllable. The Internet of Things (IoT) is a flexible technology that is being employed in a wide range of industrial and domestic products. The IoT network will unite and link various wearable gadgets in order to give improved and advanced performance. These devices' operating and maintenance expenses might be reduced by using IoT findings. Build a smart band with three kinds of sensors for women's protection job, namely a pulse rate monitor, motion sensor, and temperature sensor. Using a smart-phone, you can constantly communicate with this band. Using the internet, children or physicians may check the health of elderly people. Hospitals in smart cities are equipped with Internet of Things technology so that patients' health may be monitored remotely (IoT).

Internet of Things (IoT) devices are internet-connected medical devices. IoT examples include an X-ray machine, an ECG machine, a heartbeat pacemaker computer, a laptop, and a smart phone or camera. Instead of only counting steps taken during the day or tracking glucose levels or heart rate variability (HRV), modern wearable electronics may now provide a wealth of physiological data, including these and a plethora of other

29-Jun-2022/58659/202241037204/Form 2(Title Page)

PATENT OFFICE CHENNAI 29/06/2022 15:01

Dr. Ishwarya M. V, AP, Department of AIDS has published a patent on IOT Based Wearable Health Monitoring and Assisted Living of Elderly People.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.



Website:www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in



FACULTY ACHIEVEMENT

Dear participant

Greetings for the day

Thank you for participating in **Fourth International Conference on Advances in Manufacturing Technology 2022 (ICAMT 2022)**.

Your manuscripts with Paper ID: **ICAMT2022_109**, with the title **"Privacy preservation using FOG technology using N path Algorithm"** and Paper ID: **ICAMT2022_110**, with the title **"DATA PRIVACY THROUGH SCRAMBLING AND CONCEAL"** has been accepted to be published in AIP Conference proceedings.

Kindly enhance your manuscripts as per the below instructions:

1. Strictly follow the AIP manuscript template.
2. Avoid using Titles for authors (Dr., Mr., Mrs., etc) and designation in affiliation (assistant professor, Professor, etc.) and Corresponding author should be mentioned.
3. The abstract should have words from 150-250 words.
4. The abstract should include concluding remarks.
5. Keywords should be removed.
6. References are not cited inside the paragraphs and ensure the references are cited inside the paragraphs.
7. Combine paragraphs with a few lines as a paragraph with more sentences.
8. The conclusion should provide specific statements proving the research work.

Dr. Ishwarya M. V, AP, Department of AIDS has presented two papers in the International conference. Both the papers have been accepted for publication in AIP Indexed by Scopus. The papers are Privacy preservation using FOG Technology using N path algorithm and Data Privacy through Scrambling and Conceal.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution.Estd.2001.

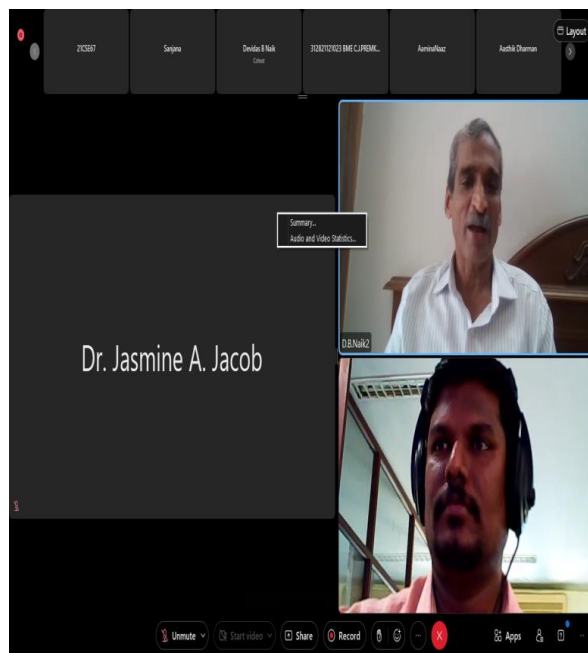


Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081,9445024081, Email: admission@act.edu.in



World Environmental Day Celebration Webinar on Methodologies for Management of Few Solid Wastes



A Webinar on the Methodologies for Management of Few Solid Wastes was organized and conducted by the Department of Science and Humanities on 14th July 2022. Dr. Devidas B Naik, Former Head, Electron Accelerator & Reactor Chemistry Section, Radiation & Photochemistry Division, Bhabha Atomic Research Centre, Mumbai was the Resource Person. The students enriched their knowledge regarding solid waste management. It was informative and inspiring session.

BE AN ACTIONEER, ASPIRE TO BE THE BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.

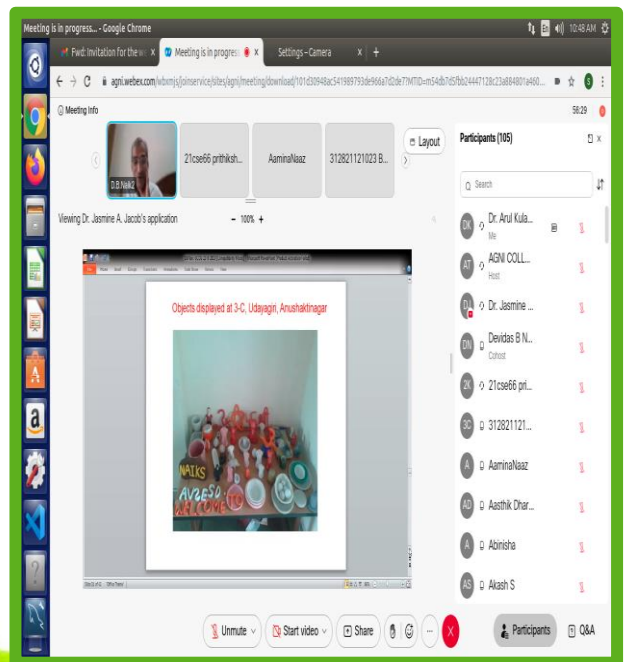
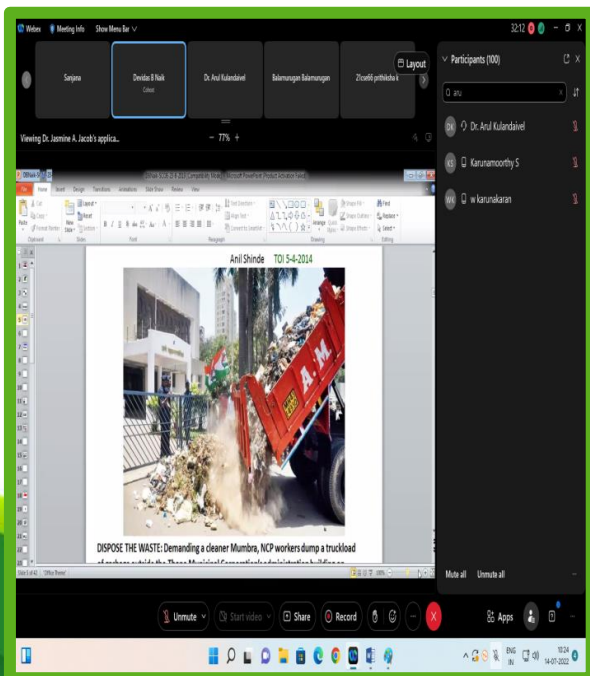
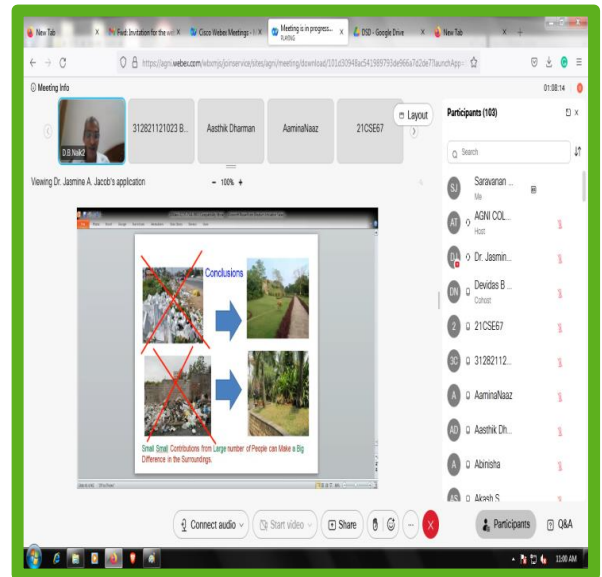
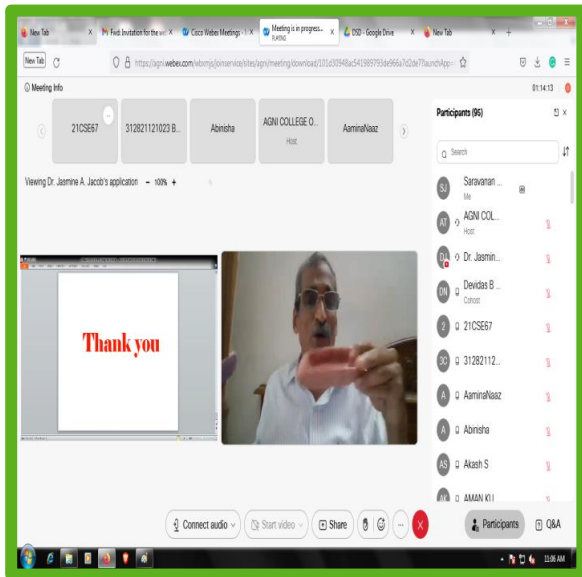


Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



World Environmental Day Celebration Webinar on Methodologies for Management of Few Solid Wastes



BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.

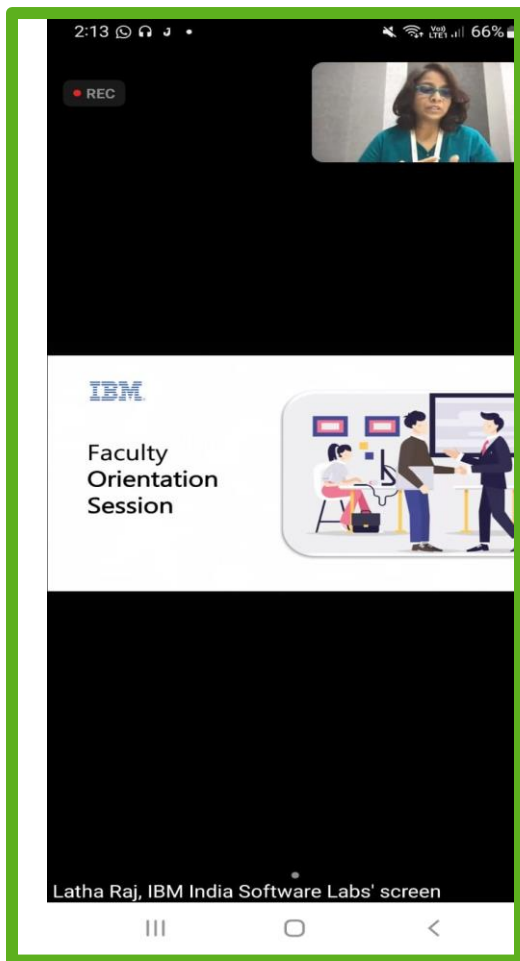


Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in



FACULTY ACHIEVEMENT



Dr. Ishwarya M. V, AP, Department of AIDS has been registered as SPOC for IBM's Nalaiya Thiran Programme after attending the Faculty Orientation Session on 15th July 2022.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology



Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution. Estd. 2001.



Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9444/45 Mobile: 8122124081, 9445024081, Email: admission@act.edu.in

