

IGNITE 2022



A DAILY NEWSLETTER

Editor in chief

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Principal, ACT

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DEPARTMENT ACTIVITY



Department of Science and Humanities has conducted a meeting on 4th July 2022 about the preparedness for the conduct of Anna University Practical Examination. All department first year practical handling faculty members had a meeting with Department Practical exam coordinators. They shared valuable suggestions and availability of slots for the successful conduct of Anna University Practical Examination in the presence of Dr. Arul Kulandaivel, HoD/S&H.

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FACULTY PARTICIPATION



Ms. M. Rekha, Assistant Professor, Department of Civil Engineering has attended an online Faculty Development Programme on **Recent Advances in Structural Engineering** organized by Hindustan Institute of Technology & Science, Chennai from 20th to 24th June 2022.

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FACULTY PARTICIPATION



Ms. R. Beaula Jasmine, Assistant Professor and Head i/c Department of Civil Engineering has attended an online Faculty Development Programme on **Recent Advances in Structural Engineering** organized by Hindustan Institute of Technology & Science, Chennai from 20th to 24th June 2022.

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DEPARTMENT MEETING



Department of Civil Engineering has conducted a meeting on 6th July 2022 to discuss about the various roles and responsibilities for the new faculty members.

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BHUMI CAMPUS AWARD



Agni College of Technology has received the **BHUMI CAMPUS AWARD** for developing Unique Social Initiatives to bring about social changes and for nurturing the next generation of leaders.

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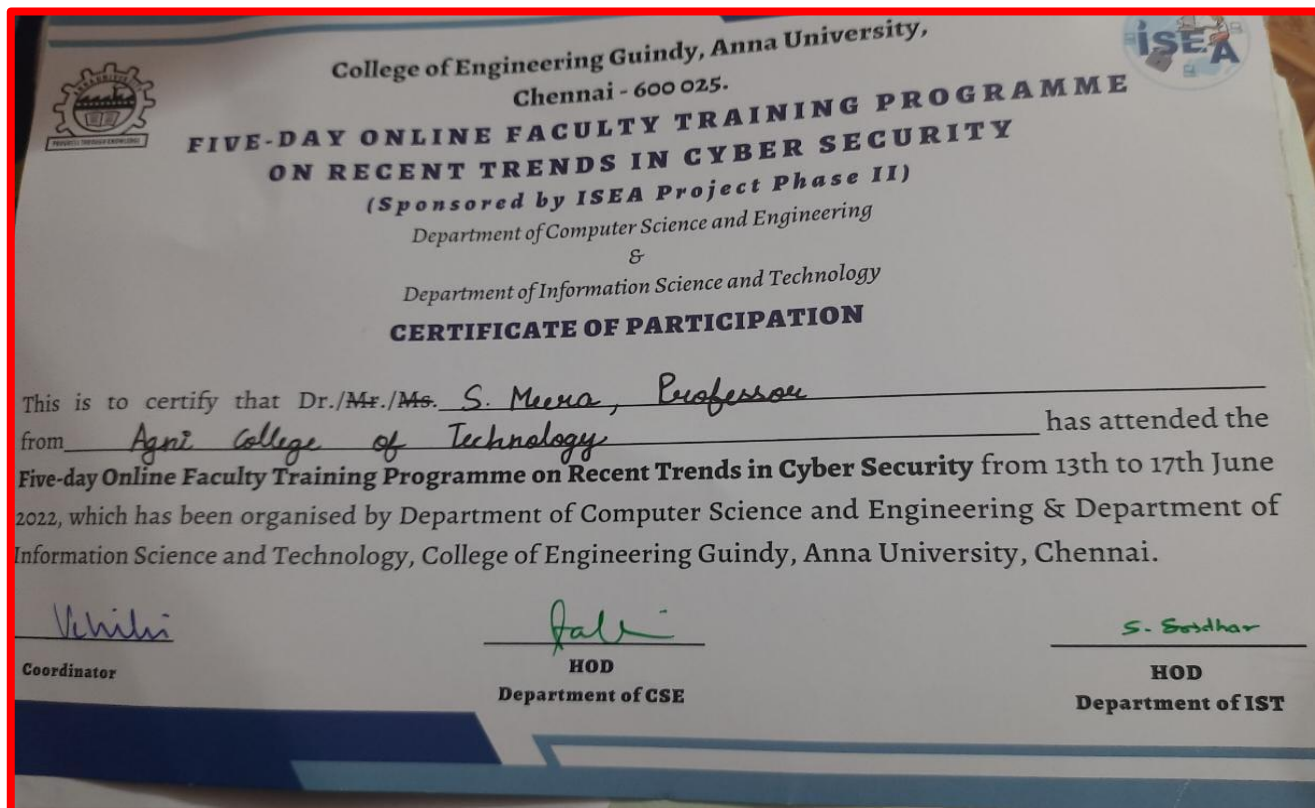


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FACULTY PARTICIPATION



Dr. S. Meera, Head, Department of Computer Science and Engineering has attended a five-day online Faculty Training Programme on **Recent Trends in Cyber Security** from 13th June 2022 to 17th June 2022 organized by the Department of Computer Science and Engineering & Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai.

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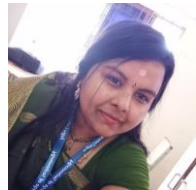
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PATENT FILED

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Guindy, Chennai-600032
Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
E-mail : Chennai-patent@nic.in
Web Site : www.ipindia.gov.in



CHALLAN : TR-5
DOCKET NO:58659

To,
DR. ISHWARYA M.V
ASSISTANT PROFESSOR, CSE DEPT, AGNI COLLEGE OF TECHNOLOGY, OLD MAHABALIPURAM ROAD,
THALAMBUR RD, CHENNAI, TAMIL NADU - 600130. ishwaryamv.cse@act.edu.in

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks
1	25709	ORDINARY APPLICATION	202241037204	IOT BASED WEARABLE HEALTH MONITORING AND ASSISTED LIVING OF ELDERLY PEOPLE
2		E-2/2849/2022-CHE	202241037204	Form2
3	25709	E-12/4867/2022-CHE	202241037204	Form9

Total :

Dr. Ishwarya M. V, AP, Department of AIDS has filed and published an Indian Patent on 4th July 2022 as an Applicant & Inventor on the title **Invention IOT Based Wearable Health Monitoring and Assisted Living of Elderly People**. Patent Application Reg. no. 202241037204.

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JOURNAL PUBLICATION



Deepalingam Murugan, Gotham Mohan, Hariharan and Saravanan, IV year students, Department of Computer Science and Engineering have published a paper along with Dr. Ishwarya M.V, AP, Department of AIDS on the title **Voice Assistant ZIA using HDG Algorithm** in IJRASET Journal, Indexed under UGC Journal.

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NBA MEETING



Dr. N. V. S. Sree Rathna Lakshmi, Head, Department of Electronics and Communication Engineering conducted a meeting regarding NBA visit. Meeting comprises of HoDs of IT, CSE, ECE and MECH departments along with the NBA coordinators. All these department members were instructed to consolidate the status regarding the current file updation and overall NBA file completion.

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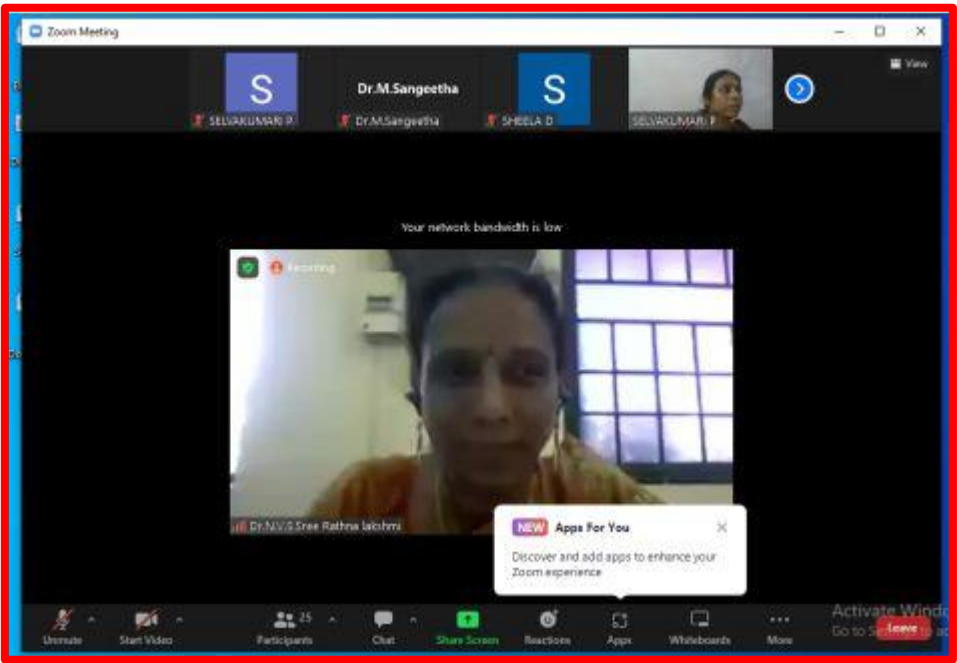


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PHD GUIDANCE



It's a pleasure to announce that Mrs. Selvakumari who had enrolled her Ph.D under the guidance of Dr. N. V. S. Sree Rathna Lakshmi, Head, Department of Electronics and Communication Engineering has successfully completed her public viva voce and has been awarded doctorate degree to Mrs. Selvakumari.

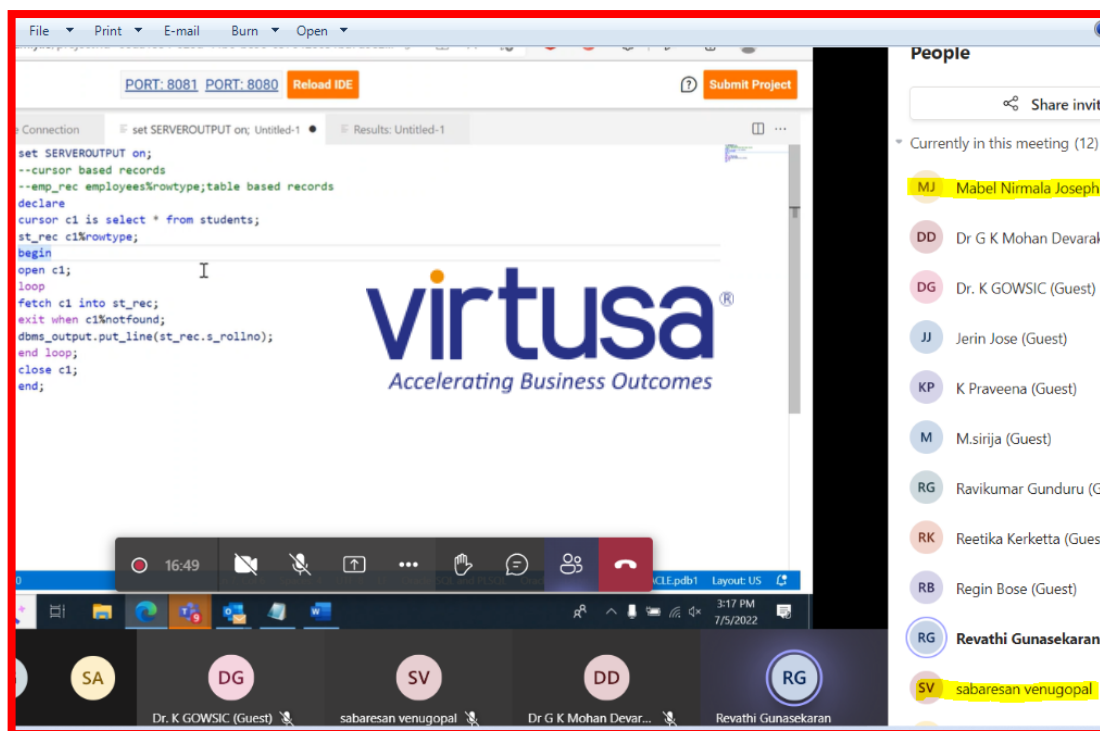
PATENT FILED

FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patents Rules, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 & 135 and rule 20(1))		(FOR OFFICE USE ONLY) Application No: Filing Date: Amount of Fee Paid: CBR No: Signature
1. APPLICANT(S)		
Name	Nationality	Address
1. Ms D.Maheswari	Indian	Agni college of technology, Old Mahabalipuram Road, Thalambur Rd, Chennai, Tamil Nadu- 600130
2. Mr S.Ohmshankar		Agni college of technology, Old Mahabalipuram Road, Thalambur Rd, Chennai, Tamil Nadu- 600130
3. Dr.R.Satheeskumar		Narasaraopeta Institute of Technology, Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh- 533003
4. Dr.K.Saranya		Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Erode(Dt), TamilNadu-638401
5. Dr.S.S.Rajasekar		Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Erode(Dt), TamilNadu-638401



Mr. S. Ohm Shankar, AP, Department of ECE & Mrs. D. Maheswari, Sr. AP, Department of ECE have filed an Indian Patent on 4 th July 2022 as an Applicant & Inventor on the title Invention **IOT BASED SMART SWITCHES WITH CHILD LOCK AND VOICE CONTROL FACILITY** Patent Application Reg. no. 202241038299.

FACULTY PARTICIPATION



Mr. Sabaresan Venugopal and Ms. Mabel Nirmala Joseph, Assistant Professors, Department of Information Technology have attended an online Virtusa TTT (Train The Trainer) Programme on **PL/SQL** from 29th June to 6th July 2022.

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STUDENTS PARTICIPATION



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KEERTHANA D
for successfully completing the course

Cloud Computing

with a consolidated score of **76** %

Online Assignments	22.81/25	Proctored Exam	53.57/75
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Total number of candidates certified in this course: **4701**



Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION
swayam
Indian version, global access

Roll No:NPTEL22CS20S44463360

To validate and check scores: <https://nptel.ac.in/noc>

Keerthana D, III year student, Department of Information Technology has completed online **NPTEL Certification Course on Cloud Computing** successfully with a consolidated score of 76% and Elite grade.

FACULTY ACHIEVEMENT

ICDMME-2021

IOP Publishing

Journal of Physics: Conference Series

2272 (2022) 012011 doi:10.1088/1742-6596/2272/1/012011

Influence of Nano-additive on the Performance of Diesel with Rape Seed Oil as Bio-diesel

Satyanarayana Tirlangi^{1*}, Naga Sudha V², J. Kamalakannan³, Narendranathan.S.K⁴, J. Madhusudhanan⁵, M Rajeshwaran⁶

¹Department of Mechanical Engineering, Visakha Institute of Engineering and Technology, Narava, Visakhapatnam, Andhra Pradesh 530027, India.

²Department of Mechanical Engineering, Vignan's Institute of Information Technology (A), Visakhapatnam, Andhra Pradesh 530049, India.

³Department of Mechanical Engineering, GKM College of Engineering and Technology, Chennai 600063, Tamil Nadu, India.

⁴Department of Aerospace Engineering, Agni College of Technology, Chennai 600130, Tamil Nadu, India.

⁵Department of Biotechnology, Anand Institute of Higher Technology, Kazhipattur, Chennai, Tamil Nadu 603103, India.

⁶Department of Mechanical Engineering, Mother Teresa College of Engineering and Technology, Pudukkottai, Tamil Nadu 622102, India.



Dr. S. K. Narendranathan, Head, Department of Aerospace Engineering have published a paper on **The Influence of Nano-additive on the Performance of Diesel with Rape Seed Oil as Bio-diesel** in the Journal of Physics Conference Series.

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FACULTY PARTICIPATION



Mr. SAM DANIEL FENNY A, Assistant Professor, Department of Mechanical and Automation Engineering has Successfully completed the online course on “Introduction to Thermodynamics: Transferring Energy from Here to There” offered through Coursera on 3rd July 2022.

FAREWELL DAY CELEBRATION



Students of the Department of Mechanical Engineering organised a Farewell Day celebration for the 2022 passed out students in the Seminar Hall on 4th July 2022. Dr. Srinivasan Alavandar, Principal and Dr. L. Ranganathan, HOD/ Mechanical along with the teaching and non teaching staff wished the students for their future endeavours.

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STUDENT REPOSITORY



D. Kothai Priyanka, II year student, Department of Chemical Engineering has portrayed a pencil sketch of Mother's love.

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