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# STUDENTS' PARTICIPATIONS





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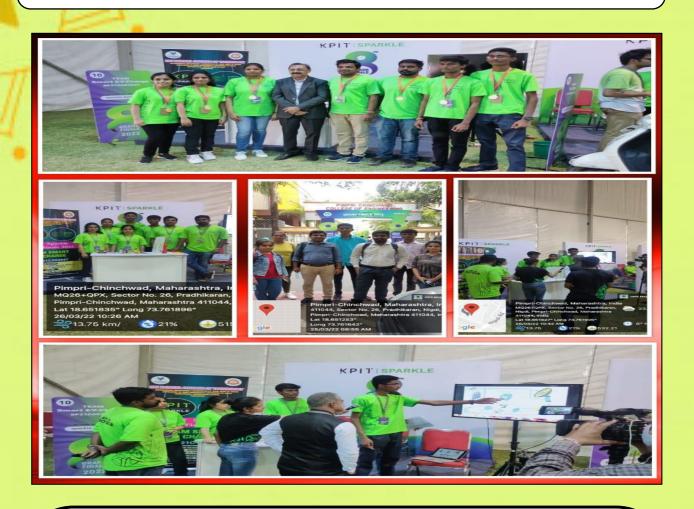


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## EEE | STUDENTS' ACHIEVEMENTS | KPIT SPARKLE - GRAND FINALE 2022



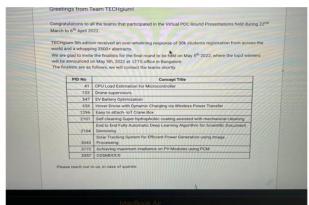
Mr S Bharathrajan, Mr M Gokulraja, Students of Second B.E. Mechanical Engineering, Ms K Krija, Ms S Lakshana and Ms R Lakshana, Students of Second B.E. EEE, received medals for presenting a project on "Dynamic Charging of EV using Microwaves" in "KPIT Sparkle - Grand Finale 2022" at Pune. Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE and Mr AdarshAjayan, Asst. Professor, Dept. of Mechanical Engineering, mentored the students.

## MECH | STUDENTS' ACHIEVEMENTS | PRIZE WON AT KURUKSHETRA 22



Mr B Gnaanasuriyaa, Mr D Joshua and Mr R Kishore, Students of Second B.E. Mechanical Engineering, bagged the Second Prize in an innovate event on "Kurukshetra'22" organised by Anna University, Chennai on 08 April 2022.

## EEE | STUDENTS' ACHIEVEMENTS | L&T TECHGIUM - GRAND FINALE 2022









Mr Navaneetha Krishana, Mr D Mohit Kumar, Mr R Pandurangan and Ms S Pooja, Students of Third B.E. EEE, shortlisted for final round in "L&T TECHgium 5<sup>th</sup> Edition - Global Innovation Challenge - Grand Finale." Mr Bharani Prakash T, Dr Senthil Kumar R and Leninpugalhanthi P, Asst. Professors, Dept. of EEE, mentored the students.

## EEE | STUDENTS' ACHIEVEMENTS | ZOHO PLACEMENT





Ms Sunmati, Students of Third B.E. EEE B section, got placement offer in "Zoho."

## EEE | STUDENTS' ACHIEVEMENTS | HEXAWARE TECHNOLOGIES PLACEMENT





Ms Anu Shree, Mr Jayaram, Mr Navaneetha Krishnan, Ms Rasmika and Ms Shamitha, Students of Third B.E. EEE, got placement offer in "Hexaware Technologies."

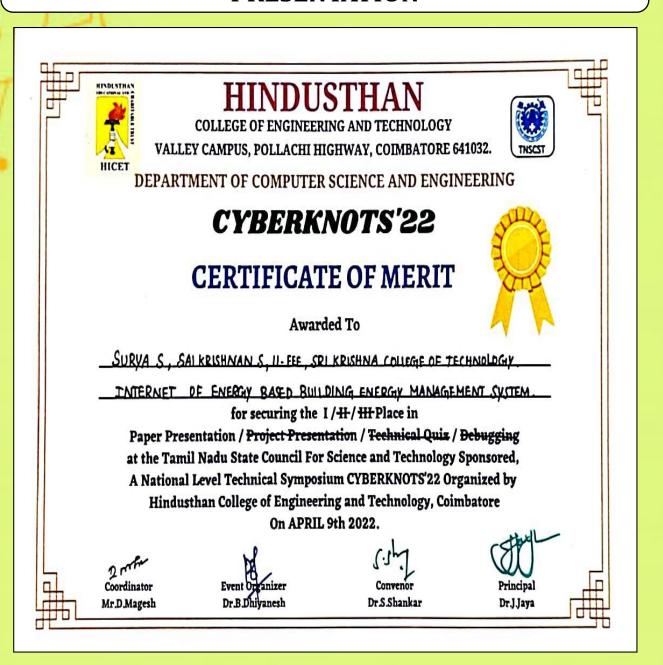


## EEE | STUDENTS' ACHIEVEMENTS | PROJECT PRESENTATION



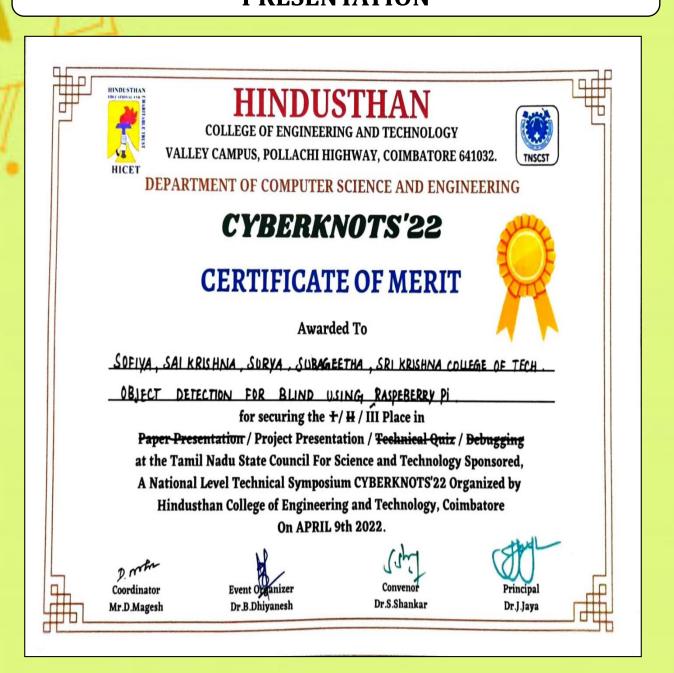
Mr Sai Krishana, Mr Surya S, Ms J Subha Geetha and Ms Sofia L, Students of Second B.E. EEE B section, bagged the First Prize in "**Project Presentation"** in a National level Technical Symposium Voltrik 2022 on 08 April 2022.

## EEE | STUDENTS' ACHIEVEMENTS | PAPER PRESENTATION



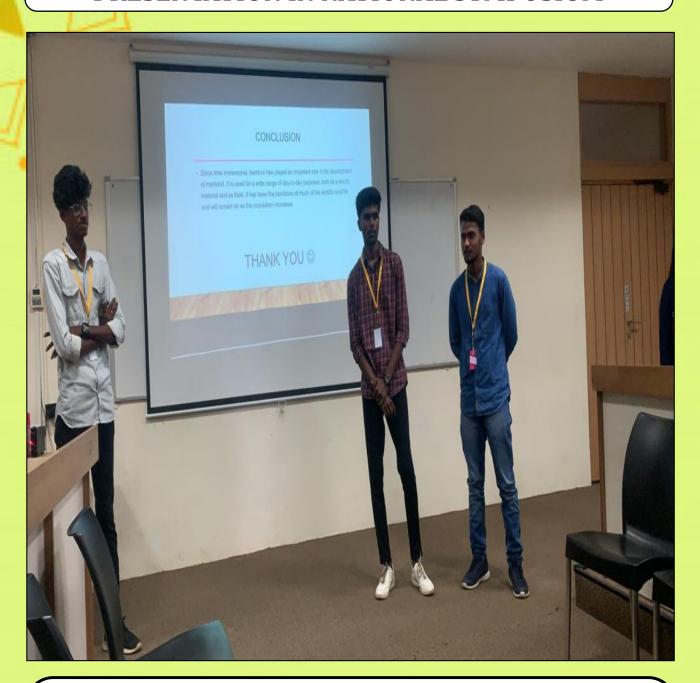
Mr Sai Krishana and Mr Surya S, Students of Second B.E. EEE B section, bagged the First Prize in "**Paper Presentation"** in a National level Technical Symposium Cyberknots 2022 on 09 April 2022.

## EEE | STUDENTS' ACHIEVEMENTS | PROJECT PRESENTATION



Mr Sai Krishana, Mr Surya S, Ms J Subha Geetha and Ms Sofia L, Students of Second B.E. EEE B section, bagged the Third Prize in "**Project Presentation"** in a National level Technical Symposium Cyberknots 2022 on 09 April 2022.

## CIVIL | STUDENTS' PARTICIPATION | PAPER PRESENTATION IN NATIONAL SYMPOSIUM



Mr Srihari, Mr Suhail Akthar and Mr Yuvaraj, Students of Third B.E. Civil Engineering, presented the paper in a National level Technical Symposium organised by KPR Institute of Engineering and Technology, Coimbatore on 08 April 2022.

## MECH | STUDENTS' PARTICIPATION | STUDENT PROJECT WORK



Mr S R Santhanaraja, Mr K Saravanan and Mr A S Shabare, Students of Third B.E. Mechanical Engineering, visited SPS Kalyan Machine Designing Company, Manthampalayam to learn "Machine Designing" on 08 April 2022.

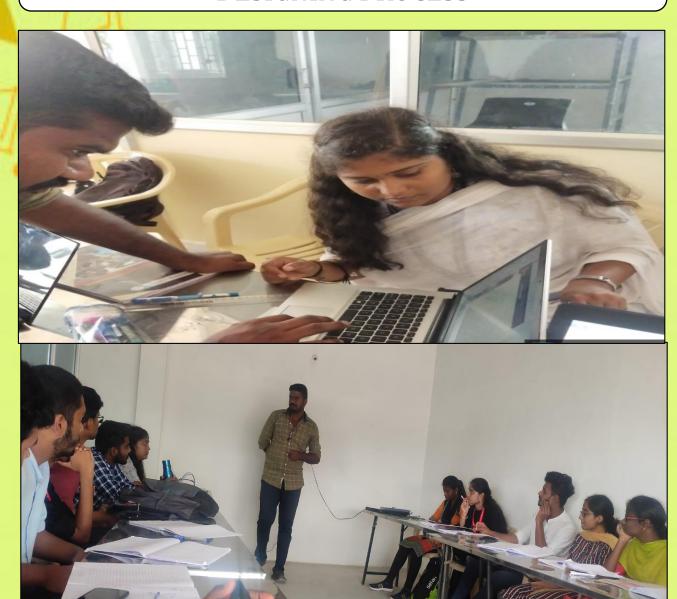
#### MECH | WORKSHOP ON ROYAL ENFIELD ENGINE AND TRANSMISSION





Mr L Aneesh and Mr S Jaseem Ahmed, Students of Third B.E. Mechanical Engineering, attended a workshop on "Royal Enfield Engine and Transmission" organised by Hindustan College of Engineering and Technology, Coimbatore on 07 April 2022.

## ICE | STUDENTS' PARTICIPATION | COURSE ON PCB DESIGNING PROCESS



The Students of Second B.E. ICE attended a training programme on "**PCB Designing Process"** facilitated by Mr Gowtham, PCB Design Engineer, Sparks Automation Pvt. Ltd., Palladam during 11-13 April 2022.

## EEE | STUDENTS' ACHIEVEMENTS | TECHNICAL QUIZ



Mr Sai Krishana and Mr Surya S, Students of Second B.E. EEE B section, bagged the First Prize in "**Technical Quiz**" in a National level Technical Symposium Cyberknots 2022 on 09 April 2022.

# FACULTY PARTICIPATIONS





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## EEE | FACULTY ACHIEVEMENT | JOURNAL REVIEWER | INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS

## WILEY

## **Reviewer Certificate**

This certificate is awarded to

#### SARAVANAN S

for serving as a reviewer for

International Transactions on Electrical Energy Systems

ELECTRICAL ENERGY SYSTEMS

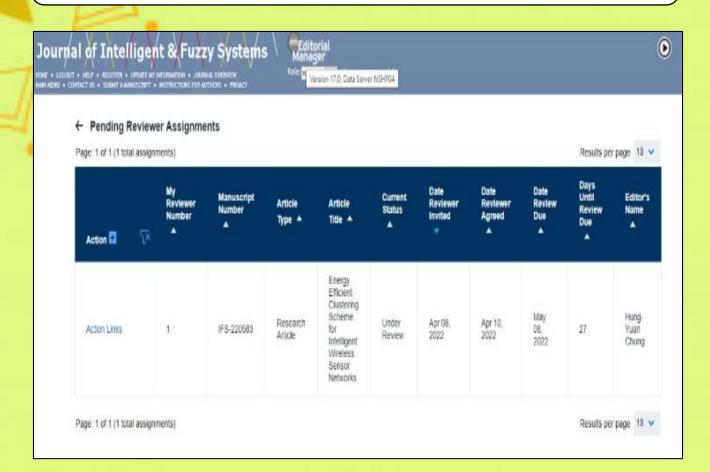
Thank you for reviewing 5 manuscripts in 2021

4 April 2022 Date

Dr S Saravanan, Asst. Professor, Dept. of EEE, served as a Reviewer for "International Transactions on Electrical Energy Systems" on 04 April 2022.



## IT | FACULTY ACHIEVEMENT | REVIEWER | JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS





Mr A Suresh Kumar, Asst. Professor, Dept. of IT, has been nominated as a Reviewer for "Journal of Intelligent & Fuzzy Systems."

## CIVIL | FACULTY ACHIEVEMENT | CONFERENCE | PAPER PRESENTATION



Ms A Venilla, Asst. Professor, Dept. of Civil Engineering, presented a paper on "Effect on Properties of Self Compacting Concrete by Partial Replacement of Fine Aggregate and Hybrid Fibres" in an International Conference on ERTSE (2022) organised by Vellore Institute of Technology, Chennai during 24-25 March 2022.



## EEE | CONFERENCE | PAPER PRESENTED | AN IMPROVED AGRICULTURE PLANT DISEASE DETECTION AND MONITORING



Ms T Dharanika and Dr R Senthil Kumar, Asst. Professors, Dept. of EEE, presented a paper on "An Improved Agriculture Plant Disease Detection and Monitoring" in an International Conference on ICACCS 2022 organised by Sri Eshwar college of Engineering, Coimbatore during 25-26 March 2022.

### EEE | CONFERENCE | PAPER PRESENTED | DESIGN AND ANALYSIS OF INTERLEAVED FLY BACK CONVERTER TOPOLOGY FOR PV APPLICATION





Dr R Senthil Kumar and Mr P Leninpugalhanthi, Asst. Professors, Dept. of EEE, presented a paper on "Design and Analysis of Interleaved Fly Back Converter Topology for PV Application" in an International Conference on ICACCS 2022 organised by Sri Eshwar College of Engineering, Coimbatore during 25-26 March 2022.

### EEE | CONFERENCE | PAPER PRESENTED | LITHIUM - ION BATTERY LIFE ESTIMATION USING MACHINE LEARNING ALGORITHM



Dr R Senthil Kumar, Asst. Professor, Dept. of EEE, presented a paper on "Lithium - ion Battery Life Estimation using Machine Learning Algorithm" in an International Conference on ICACCS 2022 organised by Sri Eshwar College of Engineering, Coimbatore during 25-26 March 2022.

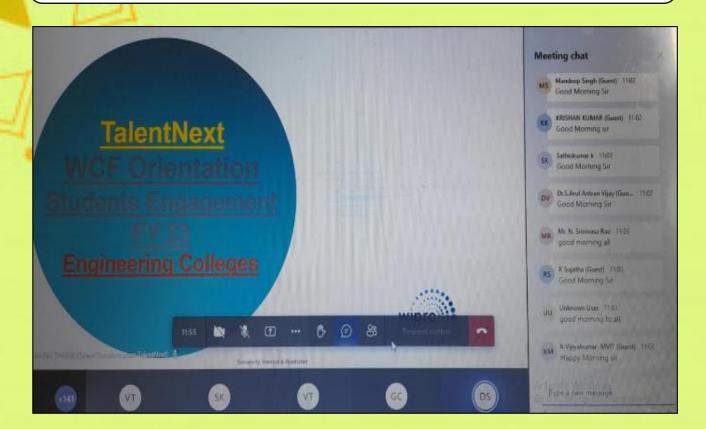
## IT | ONLINE CERTIFICATION ON AGILE SOFTWARE DEVELOPMENT

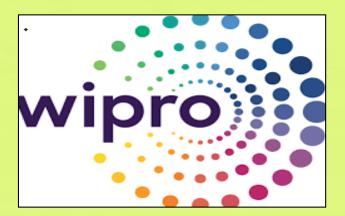


Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, completed an online course on "Agile Software Development" offered through Coursera on 31 March 2022.



## IT | FACULTY PARTICIPATION | STUDENT ENGAGEMENT CALL | WIPRO TECHNOLOGIES

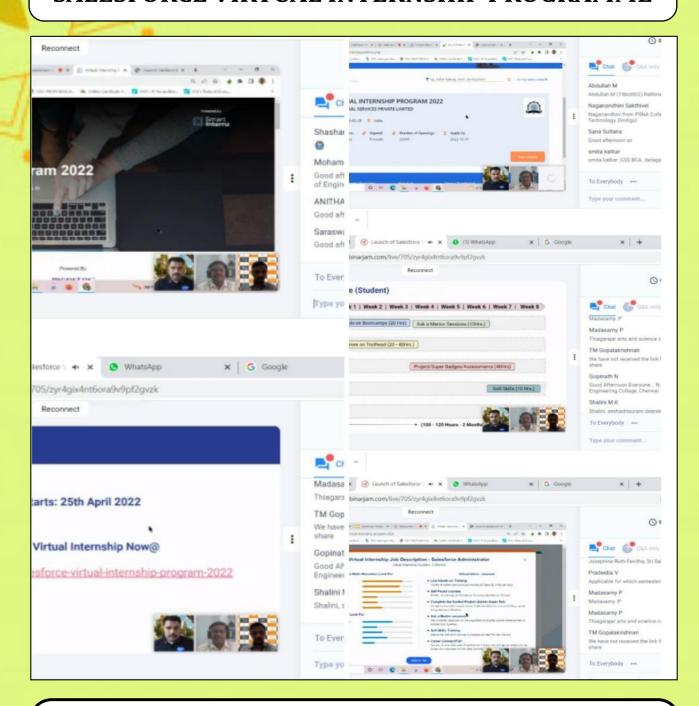




Ms T Sangeetha, Asst. Professor, Dept. of IT, attended a session on "Student Engagement Call for WCFs" organised by Wipro Technologies on 08 April 2022.



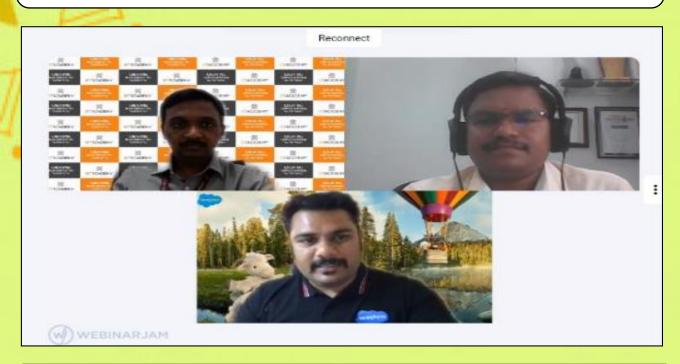
## CSE | FACULTY PARTICIPATION | LAUNCH OF SALESFORCE VIRTUAL INTERNSHIP PROGRAMME

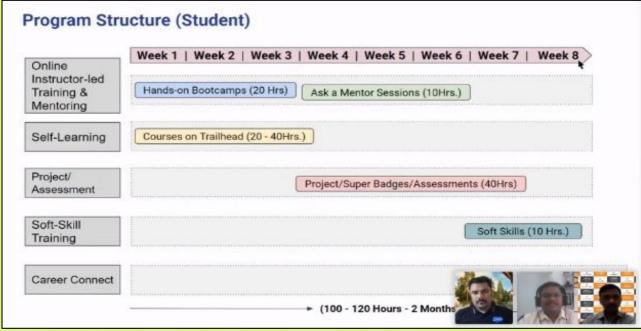


Dr A Sunitha Nandhini, Asst. Professor, Dept. of CSE, attended the Virtual Launch of "Salesforce Virtual Internship Programme" organised by ICT Academy on 12 April 2022.



## IT | FACULTY PARTICIPATION | LAUNCH OF SALESFORCE INTERNSHIP VIRTUAL PROGRAMME





Ms P Alaguvathana, Asst. Professor, Dept. of IT, attended the Virtual Launch of "Salesforce Virtual Internship Programme" organised by ICT Academy on 12 April 2022.



## RESEARCH





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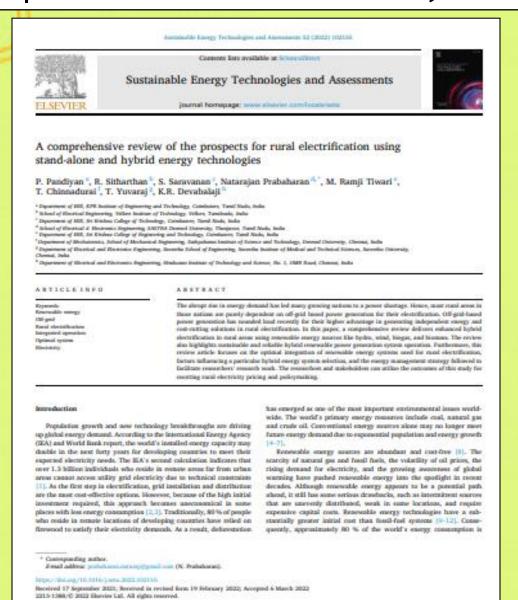
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#### EEE | PAPER PUBLISHED IN ELSEVIER JOURNAL

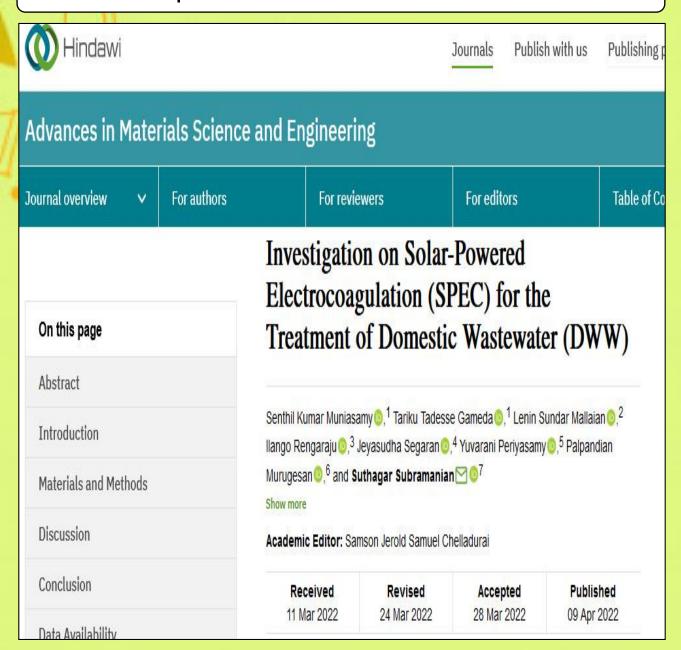


Dr S Saravanan, Asst. Professor, Dept. of EEE, published a paper on "A Comprehensive Review of the Prospects for **Electrification** using Stand-alone **Hybrid** and Technologies" Sustainable Energy **Technologies** in Assessments, Elsevier Publishers with impact factor of 5.353.

https://doi.org/10.1016/j.seta.2022.102155.



#### **CIVIL | PAPER PUBLICATION IN SCOPUS**



Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, published a paper on "Investigation on Solar-Powered Electrocoagulation(SPEC) for the Treatment of Domestic Wastewater" in SCI Journal of Advances in Material Science and Engineering on 09 April 2022.

## ECE | BOOK PUBLICATION | DIGITAL SIGNAL PROCESSING PRINCIPLES, ALGORITHMS, PROCESSORS AND APPLICATIONS



Dr K Srinivasan, Assoc. Professor, Dept. of ECE, published a Text Book on "Digital Signal Processing Principles, Algorithms, Processors and Applications" in Scientific International Publishing House (SIPH) with ISBN No: 978-93-5625-007-9.



#### **CSE | PATENT PUBLISHED**

(12) PATENT APPLICATION PUBLICATION (21) Application No.202241011933 A (19) INDIA (22) Date of filing of Application :04/03/2022 (43) Publication Date: 25/03/2022 (54) Title of the invention: Artificial intelligent based detection and prevention of various Breast Cancer using Machine Learning and Big Data for health care management 6iDr. Li. Ashokkumar
7:Dr. K Gerelia
8/Pirtya Bansal
9/Pirtya Bansal
9/Pirtya Bansal
1/Pirtya Appr. Syeu Hauder Abbas
Address of Applicant :Department of Computer science & Engineering PDF Research Scholar
Stinivas University, Mangalore Karnataka, India (51) International classification G16H0010200000, G16H0050300000, G16H0050200000, G16H0050700000 (86) International Application :PCT//
No :01/01/1900 Address of Applicant :Assistant Professor (SG) Department of Computer Science and Engineering Dr.NGP Institute of Technology,kalappati Road, Coimbatore 641048, Tamil Nada India. Filing Date (87) International Publication : NA (61) Patent of Addition to Application National Filing Date
(62) Divisional to Application :NA :NA Number Filing Date Address of Applicant :Associate Professor & Head, Computer Science and Applications Sri Krishna Adithya College of Arts and Science, Arivozhi Nagar, Kovaipudur, Coimbatore – silyriya Bansal ddress of Applicant : Assistant Professor KIET School Of Pharmacy KIET group Of Istitutions, Delhi-NCR, Ghaziabad-201206, Uttar Pradesh, India 1904r. Abhishek Kumar ddress of Applicant : Assistant Professor KIET School Of Pharmacy KIET group Of Stitutions, Delhi-NCR, Ghaziabad-201206, Uttar Pradesh, India. Holph: Brijesh Sathian
Address of Applicant :Scientist, Geriatrics and Long term care Department, Rumailah
Hospital, Hamad Medical Corporation, Doha, Qatar, P. O BOX 3050, Doha, Qatar ---TiDr. Om Prakash Verma
Address of Applicant : Associate Professor, Department of Molecular and Cellular Engineering,
Jacob Institute of Biotechnology and Bioengineering, Sam Higginbottom University of
Agriculture Technology and Sciences Prayagraj, Uttar Pradesh, India. (27) Abstract intelligent based detection and prevention of various Breast Cancer using Machine Learning and Big Data for health care management Abstract: Breast cancer claims the lives of more women than any other type of cancer on a global scale. It is one of the deadliest diseases a woman may develop. Northway the contribute to breast cancer's progression and death, including the diseases's difficulty in diagnosis and the fact that many women conceal their symptoms. As a result, organisation throughout the world are initiating campaigns to increase awareness about the critical nature of early detection of breast cancer. This study makes use of big data techniques such a stratsfer learning and convolutional neural networks to assist patients in acquiring a breast cancer diagnosis. The purpose of this research which is to discuss bow these two technologies were confused to bail a workship model. No. of Pages: 14 No. of Claims: 9 18055 The Patent Office Journal No. 12/2022 Dated 25/03/2022

Mr V Venkatesh, Asst. Professor, Dept. of CSE, published an Indian Patent on "Artificial Intelligent Based Detection and Prevention of Various Breast Cancer using Machine Learning and Big Data for Health Care Management" on 25 March 2022.

# NEW VISTAS OF LEARNING





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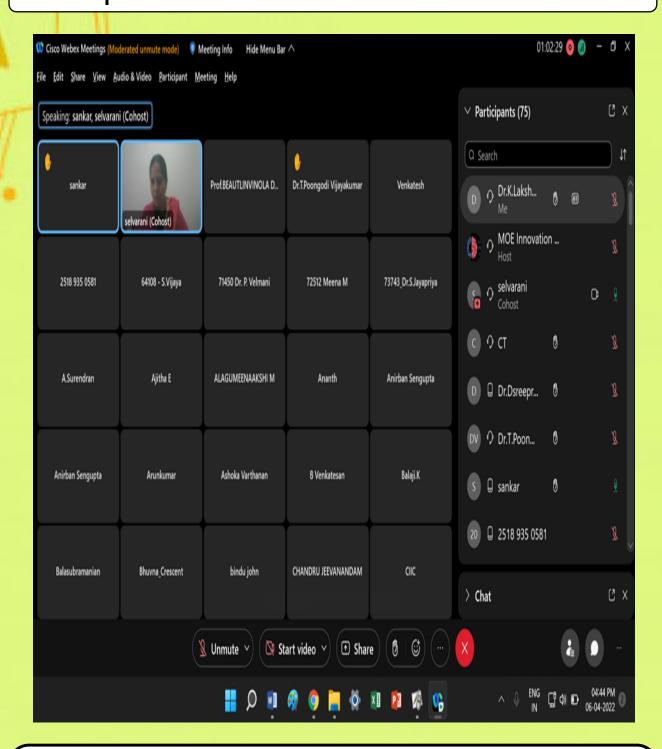
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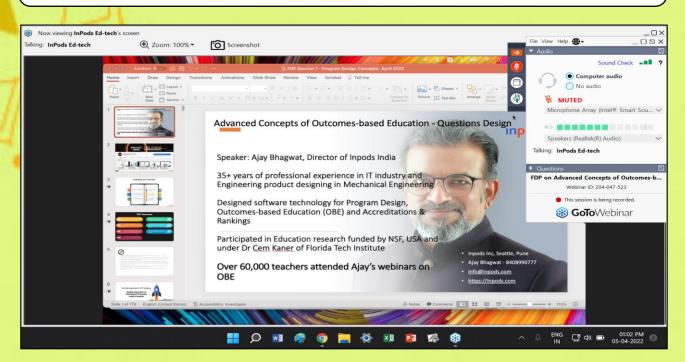
#### EEE | WEBINAR ON MENTOR-MENTEE SCHEME

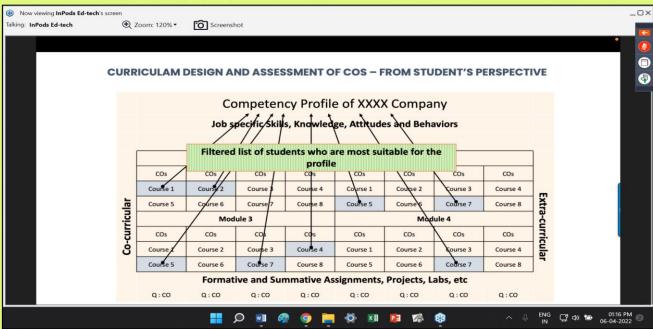


Dr K Lakshmi, Professor and Head, Dept. of EEE, attended an online interactive session on "Mentor-Mentee Scheme" organised by Ministry of Education's Innovation Cell, AICTE on 06 April 2022.



#### EEE | FDP ON ADVANCED CONCEPTS OF OUTCOME BASED EDUCATION





Dr K Lakshmi, Professor and Head, Dept. of EEE, attended an FDP on "Advanced Concepts of OBE" organised by Inpods NAAC Accreditation Management System on 04 April 2022.

### EEE | STTP ON ARTIFICIAL INTELLIGENCE AND BIG DATA ANALYSIS FOR ELECTRICAL ENGINEERING THROUGH ICT

Certificate No: ICT/363/21-22



#### ional Institute of Technical Teachers Training and Research, Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA Certificate

This is to certify that

#### **DHARANIKA T**

SRI KRISHNA COLLEGE OF TECHNOLOGY, TAMIL NADU

Participated in AICTE recognized Short Term Course

Artificial Intelligence and Big Data Analysis for Electrical Engineering (in Collaboration with MathWorks) through ICT

conducted by

**Electrical Engineering Department** 

from

07.03.2022 to 11.03.2022 (One Week)

Dr. N.G.P. Institute of Technology, Coimbatore (Tamil Nadu)

Director

Ms T Dharanika, Asst. Professor, Dept. of EEE, attended a STTP on "Artificial Intelligence and Big data Analysis for Electrical Engineering Through ICT" organised by Dr N G P Institute of Technology, Coimbatore on 11 March 2022.



## CIVIL | AWARENESS TRAINING PROGRAMME ON HEARING PREVENTION & MANAGEMENT



Mr R Ramesh and Mr T P A Aravind, Asst. Professors, Dept. of Civil Engineering, attended an Awareness Training Programme on "Hearing Prevention & Management" organised by Anna University & MERF on 12 March 2022.



## EEE | AWARENESS TRAINING PROGRAMME ON HEARING PREVENTION & MANAGEMENT





Ms V Manimegalai and Ms G Sukanya, Asst. Professors, Dept. of EEE, attended an Awareness Training Programme on "Hearing Prevention & Management" organised by NHHID Anna University and MERF Institute of Speech and Hearing, AICTE on 12 March 2022.

#### Special Issue - 98 | 11 APR - 13 APR 2022

#### CSE | FDP ON ADVANCED CONCEPTS OF OUTCOME BASED EDUCATION

#### **CERTIFICATE**

PROUDLY PRESENTED TO

VENKATESH V

FDP on Advanced Concepts of Outcomes-based Education

Apr 7, 2022

Date of Completion

InPods Ed-tech

Organizer

inpods

Mr V Venkatesh, Asst. Professor, Dept. of CSE, attended a Four-day Faculty Development Programme on "Advanced Concepts of Outcomes-based Education" organised by Inpods India Private Limited during 04-07 April 2022.

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# INDUSTRY CONNECT





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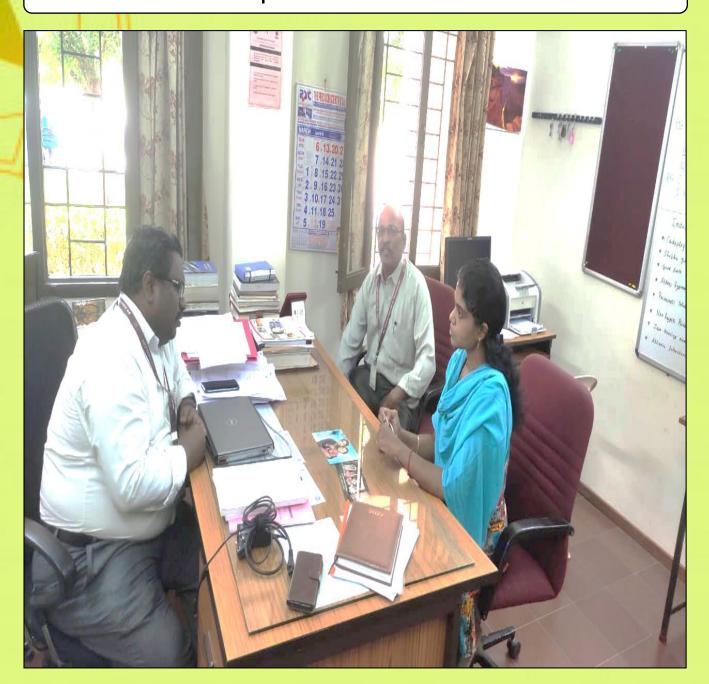


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#### **CIVIL | INDUSTRY CONNECT**



Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, interacted with Ms Vinusha, Geotechnical Manager, NISH Geo Consultancy, SKCT regarding Industrial Projects and Consultancy Works on 11 April 2022.

# MEETINGS & DISCUSSIONS





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#### **S&H | DEPARTMENT ADVISORY BOARD MEETING**

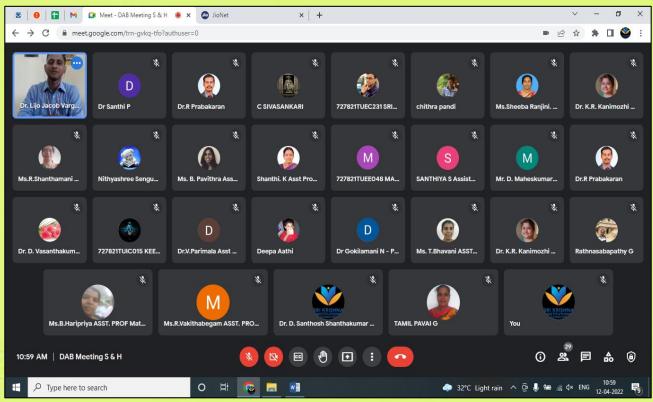


Dr Lijo Joseph Varghese, Professor and Head, Dept. of S&H, conducted the "Department Advisory Board Meeting" facilitated by Dr C Sivasankari, Professor and Head, Dept. of Chemistry, GCT, Coimbatore, Dr N Gokilamani, Professor, Dept. of Physics, PSG College of Technology, Coimbatore, Dr P Shanthi, Professor and Head, Dept. of English, CIT, Coimbatore, Dr R Prabakaran, Asst. Professor, Dept. of Mathematics, CIT, Coimbatore and Mr G Ratnasabapathy, Welding Engineer, Cameron India, Coimbatore on 12 April 2022.

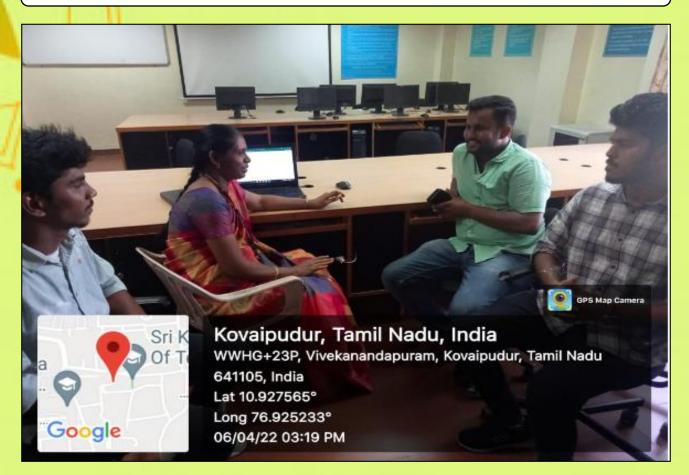


#### **S&H | DEPARTMENT ADVISORY BOARD MEETING**





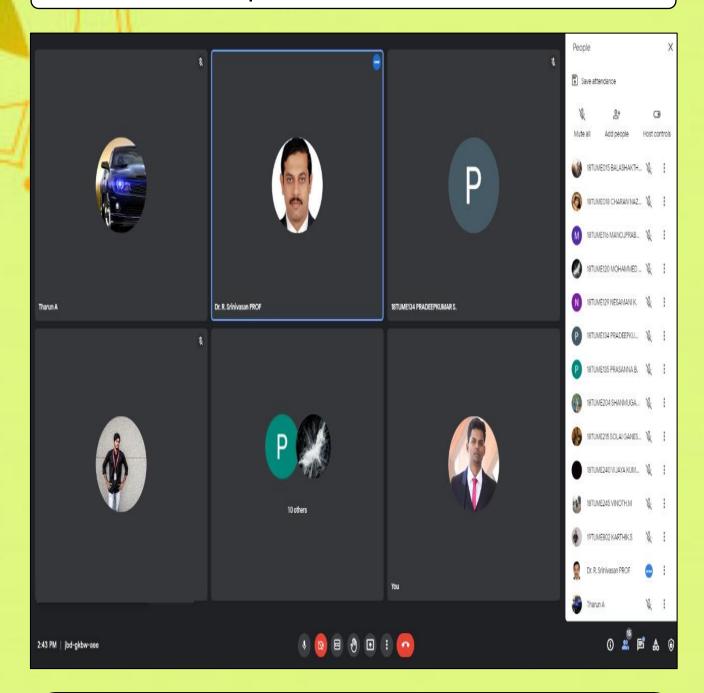
#### IT | ALUMNA INTERACTION





Dr R Suganya, Asst. Professor, Dept. of IT, interacted with Mr Mohan (Batch 2008-2012), Entrepreneur, Civil Construction, Namakkal on 06 April 2022.

#### **MECH | PRE PLACEMENT TALK**



Dr R Srinivasan, Professor, and Mr R Nelson, Asst. Professor, Dept. of Mechanical Engineering, conducted a "**Pre Placement Talk**" for the Students of Final B.E. regarding Integra Automation Coimbatore on 06 April 2022.



#### **S&H | DEPARTMENT MEETING**





Dr Lijo Jacob Varghese, Professor and Head, Dept. of S&H, conducted a meeting with the Members of Faculty regarding Academic Activities, End Semester Examination, R&D Activities and Department Advisory Board Meeting on 07 April 2022.

#### **MECH | DEPARTMENT MEETING**





Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, conducted a meeting with the Members of Faculty regarding Academic Activities for the Students, R&D Activities, etc. on 08 April 2022.

#### ICE | CLASS COMMITTEE MEETING





The Dept. of ICE conducted a "Class Committee Meeting" with the Students of Second and Third B.E. ICE regarding Academic Activities, CIA Examination, etc. during 05-06 April 2022.

#### **ICE | ACADEMIC REVIEW MEETING**





The Dept. of ICE conducted an "Academic Review Meeting" for the Students and Parents of Second and Third B.E. ICE regarding Academic Activities, Attendance, CIA Examination Results, Placement Preparation, etc. during 07-09 of April 2022.



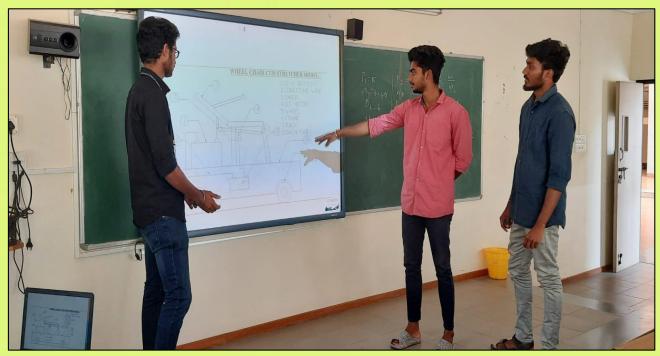
#### **CIVIL | PROJECT REVIEW MEETING**



The Dept. of Civil Engineering conducted a "First Review Meeting" for the Students of Second M.E. Structural Engineering on 07 April 2022.

#### MECH | PROJECT REVIEW





The Dept. of Mechanical Engineering conducted a "**Project Review**" for the Students of Third B.E. and the Members of Faculty on 08 April 2022.

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## EVENTS ORGANISED





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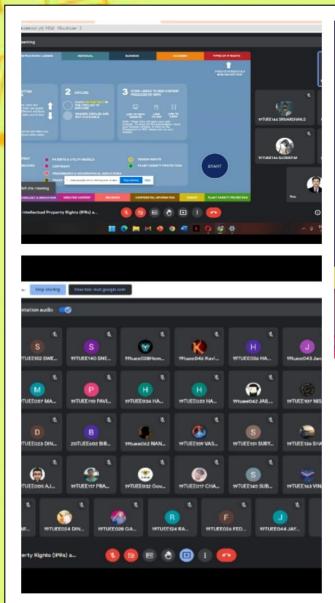
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## EEE | EVENT ORGANISED | WEBINAR ON INTELLECTUAL PROPERTY RIGHTS FOR STARTUPS







The Dept. of EEE organised a webinar on "Intellectual Property Rights for Startups" facilitated by Mr Madhan Mohan, Senior Software Engineer Odessa Technologies, Bengaluru on 09 April 2022. Dr Senthilkumar, Mr P Leninpugalhanthi and Mr T Bharani Prakash, Asst. Professors, Dept. of EEE, coordinated the event.

#### CSE | EVENT ORGANISED | SEMINAR ON FUTURE OF **WORK - A STEP INTO START-UP**













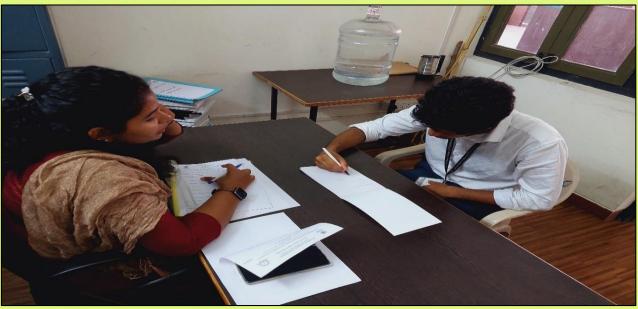


The Dept. of CSE organised a National Seminar on "Future of Work

- A Step into Start-Up" facilitated by Mr J Aasif Iqbal, Managing Partner, iamneo.ai, Coimbatore on 09 April 2022.

## ICE | EVENT ORGANISED | MOCK INTERVIEW FOR PLACEMENTS





The Dept. of ICE organised a "Mock Interview" for the Students of Third B.E. ICE facilitated by Mr Chandru, Assoc. Software Engineer, Accenture, Bangalore and Ms Tharani, Assoc. Software Engineer, Accenture, Bangalore on 09 April 2022. Mr Saravanakumar and Mr Dilipkumar, Asst. Professors, Dept. of ICE, coordinated the event.

#### MECH | EVENT ORGANISED | OUTREACH PROGRAM ON EDUCATIONAL AWARENESS



The Dept. of Mechanical Engineering in association with Gurunanak Dev Trust (TN/2018/0204898) organised an outreach program on "Educational Awareness" for the Tribals in Attukal Village near Thondamuthur on 07 April 2022. Dr N Mohanraj and Mr K Mohan, Asst. Professors, coordinated the event.

#### MECH | EVENT ORGANISED | OUTREACH PROGRAM ON EDUCATIONAL AWARENESS









#### ICE | EVENT ORGANISED | FOOD FOR NEEDY





The Students of Second B.E. ICE organised a social activity named "Food for Needy" and they donated food for poor people on 11 April 2022. Mr Ajith B Singh and Mr Dhanaselvam, Asst. Professors, Dept. of ICE, coordinated the event.

# CLUB ACTIVITIES





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## IT | CLUB ACTIVITIES | SINGERS CLUB | CULTURAL ENTREPRENEURSHIP



The Students of Second and Third B.Tech. IT participated in "Cultural Entrepreneurship" organised by Singers Club, Dept of IT. Ms D Ranjani, Asst. Professor, Dept. of IT, coordinated the event on 09 April 2022.

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