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9th - 15th JULY 2022



NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK
RANKINGS 2022

RANKS

Sri Krishna College of Engineering and Technology

73rd

Under Engineering category

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	INSTITUTIONAL ACCOLADES	: PG 08 - 13
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INSTITUTIONAL RANKING



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SKCET| NIRF RANKING 2022

NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK
RANKINGS 2022



RANKS
Sri Krishna College of Engineering and Technology

73rd

Under Engineering category

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

(Accredited by NAAC with 'A' Grade | Accredited by NBA | Affiliated to Anna University, Chennai)
Kuniamuthur, Coimbatore -641008



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SKCET | NIRF RANKING 2022**NIRF****RANKINGS**

Under Engineering Category

NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK**SRI KRISHNA COLLEGE
OF
ENGINEERING AND TECHNOLOGY****97**
NIRF-2019**83**
NIRF-2020**78**
NIRF-2021**73**
NIRF-2022**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**

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SKCET | NIRF RANKING 2022

SKCET's Rise to Crescendo

We are gladdened to share that **SKCET** has been enthroned with the 73rd Rank under Engineering category in the 7th Edition of **India Rankings 2022: National Institutional Ranking Framework 2022**, released by the **MHRD** on 15.07.2022. **SKCET** sets yet another archival record, in it's journey towards educational perfection. This ranking reaffirms our odyssey to educational excellence, as an Institution in “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception.

Rejuvenated and Refreshed, we move forward, towards a better ranking next year!

Myriad Minds, _

Anchored Focus, _

One Masterpiece



SKCET| NIRF RANKING 2022 - GLIMPSES



Our beloved **Principal Madam** along with **Academic Leadership Team** of **SKCET** witnessed the significant moment.

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INSTITUTIONAL ACCOLADES



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SKCET | ACADEMIC PARTNER EXCELLENCE AWARD 2022



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
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KUNIAMUTHUR, COIMBATORE-641 008



47th EDITION OF ICTACADEMY BRIDGE'22



A HIGH IMPACT INDUSTRY INSTITUTE INTERACTION EVENT OF INDIA

Congratulations



**SRI KRISHNA COLLEGE OF ENGINEERING AND
TECHNOLOGY**

Academic Partner Excellence Award

*Venue: Chennai trade centre-Convention hall
Nandambakkam, Chennai.*

13.07.2022

SKCET | ACADEMIC PARTNER EXCELLENCE AWARD 2022



SKCET has received the **Academic Partner Excellence Award 2022** in recognition for its active participation, outstanding commitment and effective utilization of the services offered by **ICT Academy**. SKCET has been arbitrated at the National Level as the **Top Campus** for its excellent participation in getting maximum number of girls with onramp certifications. The Award Ceremony was organized at Chennai Trade Centre Nandabakam. **Mr. Ajay Yadav**, IAS Managing Director, Electronics Corporation of Tamil Nadu was the Special Guest. **Thiru.T.Mano Thangaraj**, Honorable Minister for Information Technology, Government of Tamil Nadu was Chief Guest. The Academic Leadership team of SKCET witnessed the glorious moment of celebration.



SKCET | ACADEMIC PARTNER EXCELLENCE AWARD 2022



SKCET Remarkable Achievements with highest number of awards @

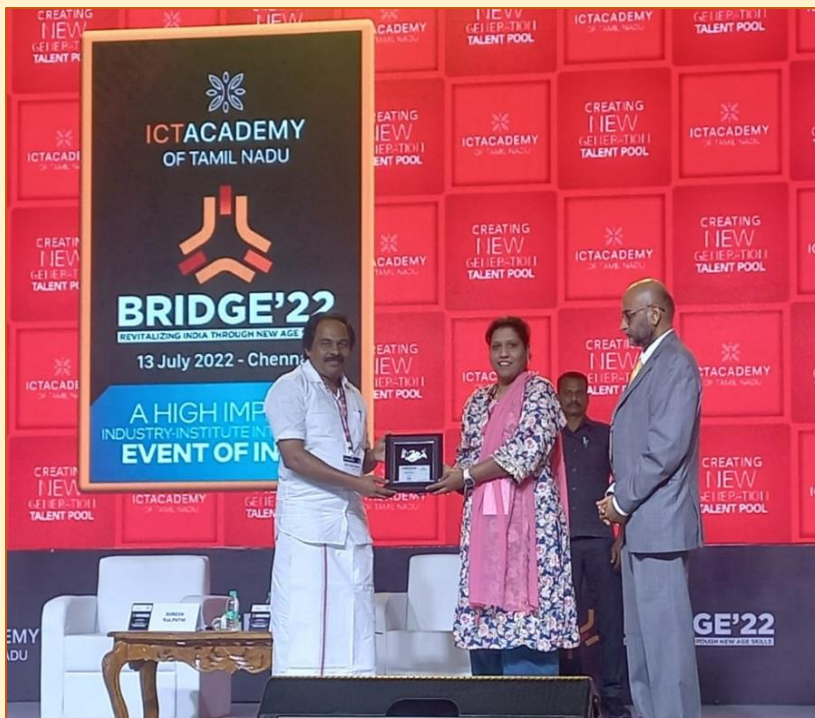
ICT BRIDGE 2022

- Academic Partner Excellence Award
- Maximum Number of Students Certification
- Maximum Number of Girls students Certification
- Training highest Number of students through self-learning programs

SKCET | ACADEMIC PARTNER EXCELLENCE AWARD 2022 - GLIMPSES



SKCET | GOLD PARTNER RECOGNITION – ICT ACADEMY



Sri Krishna Institutions has been recognized as the **Proud Gold Partner** by **ICT Academy of Tamil Nadu** at the 47th edition of **ICT Academy Bridge '22** for always being a pioneer in every aspect providing a holistic service in developing the next generation. Our Principal Madam **Dr.J.Janet** received this honor from **Thiru T. Mano Thangaraj**, Honorable Minister for Information Technology, Government of Tamil Nadu.



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EVENTS



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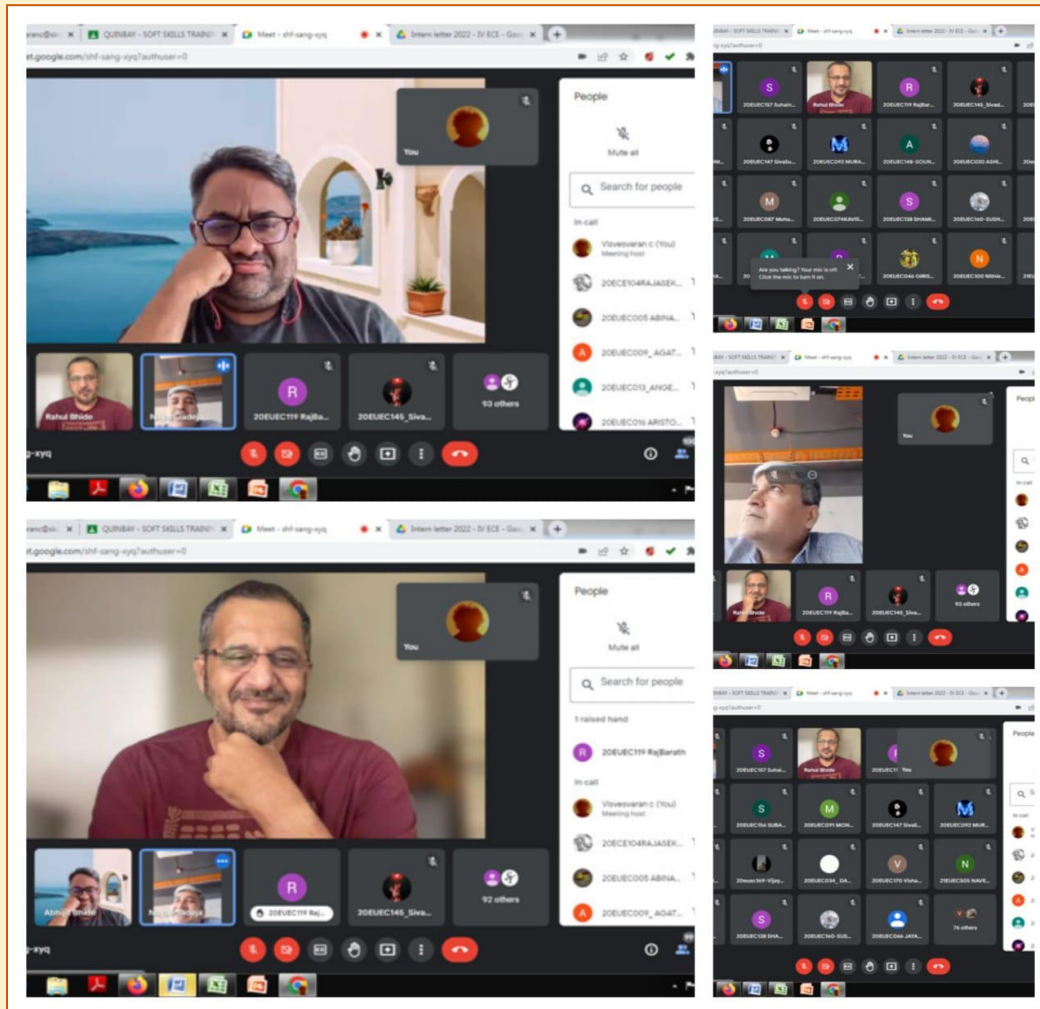
ECE| CENTRE FOR EXCELLENCE - LAB VISIT



Mr.Vishal, Business Unit Head and **Ms.Charumathi**, HR Head from **Valeo Labs Company** visited SKCET labs to get acquainted with the lab facilities and various initiatives taken by various departments to establish Centre for Excellence in Embedded systems.



ECE|INTERACTIVE SESSION ON SOFT SKILLS



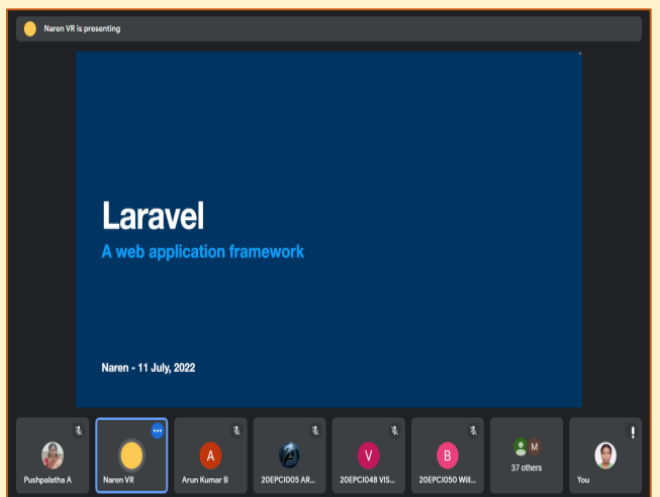
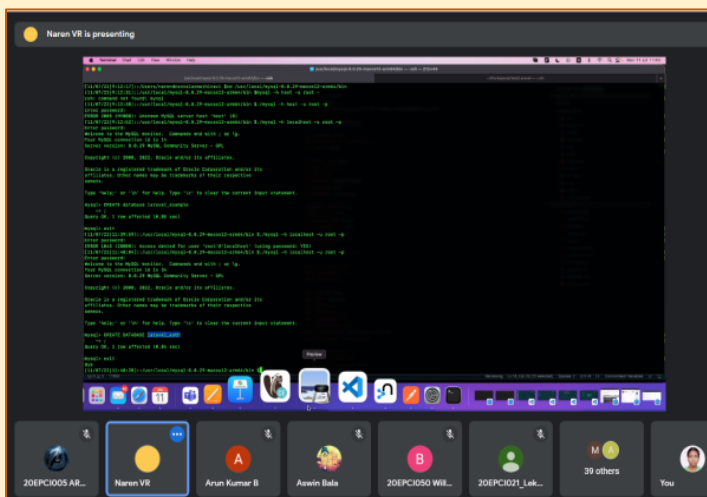
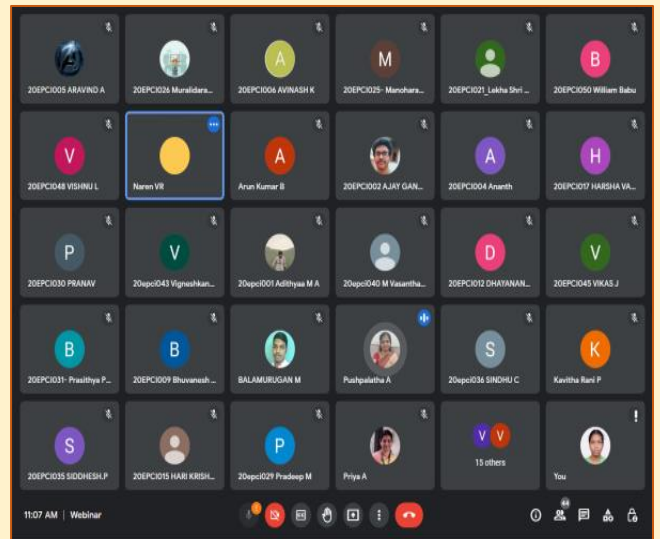
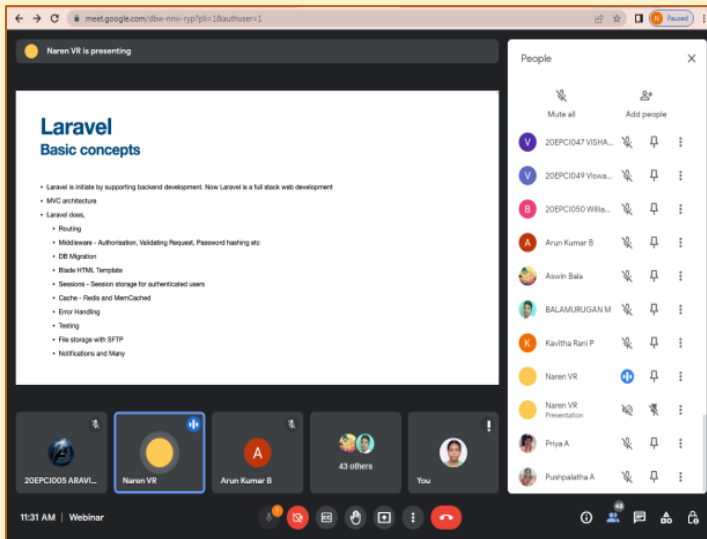
Department of **ECE** in association with **Quinbay** (Coviam Technologies) organized a fruitful interactive session with **Mr.NayanJadeja**, Co-founder Quinbay (Coviam Technologies), **Mr. AbhijitBhide**, Consultant, Startup Initiatives and **Mr. Rahul Bhide**, Lead Consultant, ITC Infotech on **Soft Skills** for the **Third** year **ECE** Students. The session highlights were: Building relationships in a software company, basic ethics to be followed, steps to create a product successfully and improving soft skills to have a better communication in workplace.

CIVIL | BOARD OF STUDIES MEETING



Department of **Civil Engineering** conducted its 12th Board of Studies Meeting on 01.07.2022. The meeting was convened by **Dr.D.Maruthachalam**, Professor and Head, Department of **Civil Engineering** along with the external experts **Dr. J. Jegan**, Professor, University College of Engineering, Ramanathapuram, **Dr. G. Chitra**, Professor, Thiagarajar College of Engineering, **Dr.S.S.Chandrasekaran**, Professor & Director- CDMM, Vellore Institute of Technology, **Er.S.Sivalingam**, Senior Technocrat, PWD and **Er. PrithviJayaprakash**, Proprietor, ESR INFRAS. The comments and feedbacks from all the experts were recorded.

M.TECH CSE | WEBINAR ON TECHSTACK – LARAVEL



Department of M.Tech Computer Science and Engineering organized webinar on “**TECHSTACK – LARAVEL**” for the **Second** year students on 11.07.2022. **Mr.V.R.Narendran**, Senior Technical Lead, Mantra Labs, Bangalore was the Resource Person. The Key points discussed in the session were: PHP Framework, MVC Architecture, DB Migration , Blade HTML , Template , Session Storage , Query Builder and ORM.

S&H| BOARD OF STUDIES MEETING



Department of Science and Humanities conducted 14th Board of Studies Meeting on 14th June, 2022 to discuss and pass Semester 1 and 2 syllabus of Mathematics, Physics, Chemistry and English for Regulation 2022. The meeting was convened by **Dr.V.Ragavi**, Head of the, Department along with the external experts.

MCT| FACULTY SEMINAR SERIES

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Department of Mechatronics Engineering

Faculty Seminar Series

#15 Recent Trends in Friction Stir Processing

Dr. L. Feroz Ali
AP/MCT

omh-zhja-hrw

08.07.2022 09:00 to 09:45 am

Dr. Feroz Ali L is presenting

Friction stir processing (FSP) Applications

Friction Stir Powder Processing
Fig: FSP for power processing(5)

Fig: FSP for surface composite(12)

Strain rate = $2 \times 10^{-3} s^{-1}$

Temp	0.05%	0.1%	0.2%	0.5%	1%
450°C	0.05%	0.1%	0.2%	0.5%	1%
475°C	0.05%	0.1%	0.2%	0.5%	1%
500°C	0.05%	0.1%	0.2%	0.5%	1%
525°C	0.05%	0.1%	0.2%	0.5%	1%
550°C	0.05%	0.1%	0.2%	0.5%	1%

Fig: FSP for superplasticity (9)

Fig: FSP for casting modification(8)

Fig: FSP for channelling (10)

9:07 AM | Faculty Seminar Series #15

Dr. Feroz Ali L is presenting

Friction stir processing (FSP)

Friction stir processing (FSP) is a method of changing the properties of a metal through intense, localized plastic deformation

Refined dendrites, FSP Tool, Deformed Region (nugget zone), Elongated dendrites

Friction Stir Processes

- Friction Stir Attributes:
 - Large plastic strain
 - High strain rate
 - Elevated temperatures
 - Mechanical mixing
 - Material flow
- Microstructural Features:
 - Fine grain size
 - Homogenization
 - Primary particle breakdown
 - Potential flaws
 - Wormholes
- Applications:
 - Superplasticity
 - Room Temperature Formability
 - Casting modification
 - Surface composite
 - Surface modification
 - Powder processing
 - Channelling

Figure: An illustration of the evolution of structural features and its linkage to various friction stir processing technologies [8]

9:07 AM | Faculty Seminar Series #15

Department of **Mechatronics Engineering** initiated the **Faculty Seminar Series** as a knowledge-sharing session for the benefit of the faculty members. **Dr.L.Feroz Ali**, Associate Professor of **MCT** shared his views on the topic **“Recent Trends in Friction Stir Processing”** on 08.07.2022.

Session Highlights:

- Friction stir welding and its Applications
- Effects of FSP for casting modification

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RESEARCH & DEVELOPMENT



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R&D | PAPER PUBLICATION | CSE

Proceedings of the International Conference on Applied Artificial Intelligence and Computing (ICAACIC 2022)
IEEE Xplore Part Number: CFP22IC3-ART, ISBN: 978-1-6654-9710-7

Contact Tracing Detection Application for Covid-19 using Machine Learning Techniques

M.Vengateshwaran, Asst.Prof.CSE, Sri Krishna College of Engineering & Technology, Coimbatore
A.S Harshana, UG Scholar, Sri Sai Ram Institute of Technology, Chennai
N.Valarmathi, Asst.Prof,IT, M. Kumarasany College of Engineering, Karur
S.Jayanthi, Asst.Prof.CSE, Sathyabama Institute of Science and Technology, Chennai
E.Srividhya, Asst.Prof.CSE, Sathyabama Institute of Science and Technology, Chennai

Abstract: A Contact Tracing Model is designed to combat the COVID-19 outbreak by incorporating Clustering/DBSCAN Algorithm, which fall under the realm of Machine Learning. The procedure used by public health ministry's to assist control the spread of infectious diseases like COVID-19 within a community is known as contact tracing. Performing contact tracing correctly during a pandemic can assist limit the number of people who become infected or spread up the process of treating those who are already affected. We will create clusters using this model, which will assist us find infections by filtering the data in the clusters. The high density clusters are the areas where a big number of people are likely to come into contact with an infected person, whereas the low-density areas can be overlooked because they contain a lower number of people collected together.

Keywords: Contact tracing model, DBSCAN Algorithm, Machine Learning, Contact tracing, high low density clusters.

INTRODUCTION

COVID-19 is an infectious disease that began affecting people all around the world in 2019. It's thought to be caused by Severe Acute Respiratory Syndrome Coronavirus 2, a newly discovered virus (SARS-CoV-2). COVID-19 began in Wuhan, China in December 2019 and has since spread around the world. The outbreak has been going on for around two and a half years, but the exact reason and solution for the worldwide health hazard are still unknown.

A "WAVE" describes the period when the infection is at its most severe. As the virus mutates and morphs into a new version, a new wave develops. Every variant takes control and has a particular effect on the human body. As previously stated, the SARS-CoV-2 virus generated the first wave of COVID-19, whereas numerous mutations of the same virus caused the second wave. The initial wave primarily afflicted the elderly, with respiratory organs bearing the brunt of the damage. However, the second wave resulted in an increase in incidence among the younger population, with the majority of cases affecting the gastrointestinal system.

The world is currently in a unique scenario in which the scientific community is regularly releasing new information about the virus and disease. However, it is obvious that the virus's properties and how it affects the human body change on a daily basis. For acquiring important information about the sickness, its behavior in diverse groups of patients, and the natural history of COVID-19, it is critical to document and describe the cases infected by the virus, as well as their course of illness.

It's important to remember that prevention is always preferable to cure, thus efficiently carrying out CONTACT TRACKING will surely help to reduce the number of cases and break the transmission chain, which is the main goal of this paper.

978-1-6654-9710-7/22/31-00 ©2022 IEEE
Authorized licensed use limited by: Cisco. Downloaded on July 18, 2022 at 09:27:08 UTC from IEEE Xplore. Restrictions apply.

Mr.M.Vengateshwaran, Assistant Professor, Department of CSE has published a research paper titled **“Contact Tracing Detection Application for Covid-19 using Machine Learning Techniques”** in the International Conference on Applied Artificial Intelligence and Computing (ICAACIC). It is a Scopus indexed journal.
DOI: 10.1109/ICAACIC53929.2022.9792889

R&D | PAPER PUBLICATION | MECH

Dr.K.P.Yuvaraj, Assistant Professor, Mechanical Engineering has published a scientific research article titled **'Microstructure and Mechanical Behavior of Ti-6Al-4V Matrix Reinforced with WCp Developed by Squeeze Casting'** in the Journal Nanomaterials - An Hindawi Publications. It is SCI, WoS and Scopus Indexed Journal with an impact factor: 3.791.

Hindawi
Journal of Nanomaterials
Volume 2022, Article ID 6311265, 9 pages
https://doi.org/10.1155/2022/6311265

Research Article
Microstructure and Mechanical Behaviour of Ti-6Al-4V Matrix Reinforced with WCp Developed by Squeeze Casting

R. Sivakumar,¹ B. R. Senthil Kumar,² G. Gopalaram Subramanian,³ M. Sivaraaja,⁴ M. P. Natarajan,⁵ Pravin P. Patil,⁶ S. Kaliappan,⁷ K. P. Yuvaraj,⁸ and Kassie Jemberu Abebe⁹

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²Department of Aeronautical Engineering, Nehru Institute of Engineering and Technology, Coimbatore, India
³Department of Mechanical Engineering, Saveetha Engineering College, Chennai, India
⁴Centre for Materials Research, Nehru Institute of Technology, Coimbatore, India
⁵Department of Mechanical Engineering, Bharath Institute of Higher Education and Research, Chennai, India
⁶Department of Mechanical Engineering, Graphic Era Deemed to Be University, Bell Road, Clement Town, Dehradun, Uttarakhand, India
⁷Department of Mechanical Engineering, Velammal Institute of Technology, Chennai, Tamil Nadu, India
⁸Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India
⁹School of Mechanical and Industrial Engineering, Institute of Technology, Debre Markos, Ethiopia

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Received 27 April 2022; Revised 13 June 2022; Accepted 17 June 2022; Published 8 July 2022
Academic Editor: V. Vijayan

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The aim of this study is to evaluate the wear and micro hardness of a Ti-6Al-4V matrix reinforced with 10% and 15% tungsten carbide particle (WCp) composite manufactured using the squeeze casting process. Optical microscopy is used to determine the microstructures of the composite. A pin-on-disc wear test equipment and Vickers hardness at atmospheric temperature were used to examine the wear behaviour wear rate, CoF, and micro hardness qualities of primed samples. Loads of 10 N to 80 N, velocities of 4 m/s, and distances of 1000 m to 2000 m are considered for analyzing the wear behaviour of Ti-6Al-4V composites. The wear rate values are 25.683 for 10% WCp, 30.957 for 15% WCp, and 37.683 and 30.957 for 20% WCp. A scanning electron microscope (SEM) is utilized to examine the worn surface of the composites. For 10% WCp, the CoF values are 0.82 and 0.87, and for 15% WC, 0.88 and 0.956. The micro hardness values are 692 VHN for 10% WCp and 835 VHN for 15% WCp. The wear rate, microstructure, SEM images, coefficient of friction, and hardness of TMCs for totaling reinforcing tungsten carbide particle (WCp) possessions were discovered to be improved.

R&D | PAPER PUBLICATION | MECH

Springer Link

Original Article | Published: 28 June 2022

Mechanical and machining behavior of betel nut fiber/leather/chitin-toughened epoxy hybrid composite

N. S. Sivakumar, V. S. Thangarasu, R. Soundararajan & V. Jayaseelan

Biomass Conversion and Biorefinery (2022) | Cite this article

16 Accesses | Metrics

Abstract

The present research was based on a hybrid epoxy composite, which was made using betel nut fiber and goat leather with chitin biopolymer toughener (CBP). This research primarily investigated the effect of high-damping-waste goat leather addition along with betel nut fiber in CBP-toughened epoxy resin and its mechanical, machining, and fatigue behavior. The laminates were fabricated by hand layup process with the stacking order of betel nut fiber/goat leather/betel nut fiber (FLF). The CBP biopolymer addition was restricted to 1.0 vol.% in matrix. The composites were post-cured at 120 °C and characterized according to respective ASTM standards. According to the results the FLF2 composite designation in silane treated form showed increased mechanical properties. However, the as-received FLF stacking order gives lesser mechanical properties. In machining the silane-treated fiber and leather showed highest dimensional stability with high fiber/leather/resin interface. Similarly, highest fatigue life counts of 32,847 were recorded for FLF2 composite with treated reinforcements. Thus, it is suggested that the use of betel nut fiber/leather/betel nut fiber layup sequences with silane-treated 1.0 vol. % CBP gives the best results. Such mechanical and machining properties improved materials that could be used in defense, automobiles, and other high-load bearing industrial applications.

Dr.R.Soundararajan, Associate Professor, **Mechanical Engineering** has published a scientific article entitled **‘Mechanical and machining behavior of betel nut fibre/leather/chitin – toughened epoxy hybrid composite’** in Biomass conversion and Biorefinery – A Springer Publication. It is a WoS and Scopus Indexed Journal with Impact Factor 4.050.

R&D | BOOK CHAPTER PUBLICATION | IT

Dr. M. Arunachalam, Professor, Department of **Information Technology** has published a book chapter titled **“Wireless Brain Computer Interface (WBCI) and 6G Technology Security Issues and Safety Mechanisms”** in the book titled **Challenges and Risks Involved in Deploying 6G and Nextgen Networks**.

Chapter 13

Wireless Brain-Computer Interface (WBCI) and 6G Technology Security Issues, Safety Mechanisms

Saravana Kumar Ganesan
Karpagam College of Engineering, India

Parthasarathy V.
Karpagam Academy of Higher Education, India

Arunachalam M.
Sri Krishna College of Engineering and Technology, India

Viswa Bharathy A. M.
GITAM School of Technology, GITAM University, India

ABSTRACT

A brain-computer interface (BCI) is a communication system that does not depend upon the brain's normal output pathways of peripheral nerves and muscles. Wireless brain-computer interface (WBCI) systems are a branch of BCI systems with an exclusive method to acquire the electrical activities of the brain, that is, electroencephalogram (EEG) using an effective non-invasive, implantable electrode scheme and employment of wireless communication schemes to transfer the acquired EEG for further processing. The five paramount security and privacy issues are authentication, access control, malicious behavior, encryption, and communication. With the appropriate implementation of the wireless BCI in the context of 6G technology, this chapter presents a comprehensive overview of WBCI and 6G technology and outlines artificial intelligence-based schemes' ability to address security and privacy issues arising out of 6G network deployment to the contexts revolving around WBCIs.

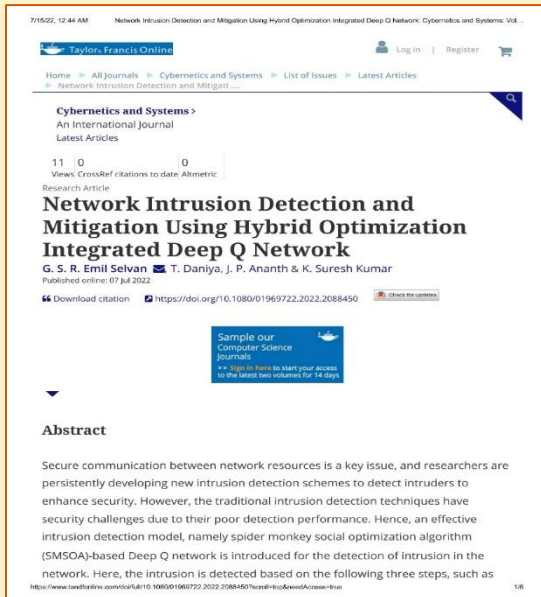
DOI: 10.4018/978-1-6684-3804-6.ch013

Wireless Brain-Computer Interface (WBCI) and 6G Technology Security Issues, Safety Mechanisms

Saravana Kumar Ganesan (Karpagam College of Engineering, India), Parthasarathy V. (Karpagam Academy of Higher Education, India), Arunachalam M. (Sri Krishna College of Engineering and Technology, India) and Viswa Bharathy A. M. (GITAM School of Technology, GITAM University, India)

Source Title: Challenges and Risks Involved in Deploying 6G and NextGen Networks
Copyright: © 2022
Pages: 16
DOI: 10.4018/978-1-6684-3804-6.ch013

R&D | PAPER PUBLICATION | CSE



Dr. J. P. Ananth, COE, SKCET has published a research article titled **“Network Intrusion Detection and Mitigation Using Hybrid Optimization Integrated Deep Q Network”** in the Cybernetics and Systems, Taylor & Francis with high Impact factor **1.879**. It is a Scopus indexed journal.
DOI: 10.1080/01969722.2022.2088450.

R&D | PAPER PUBLICATION | IT

Dr.U.BarakkathNisha, Associate Professor, Department of **Information Technology** has published a research article titled **“An Efficient Machine Learning based Text Summarization in the Malayalam Language ”** in the KSII Transaction on Internet and Information Systems. It is SCI indexed Journal.



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PLACEMENT & TRAINING



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PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



**Rini Tersina P,
EEE (2022 Batch),
Cognizant Technology Solutions**

It was a huge stroke of luck for me to be a member of Sri Krishna College of Engineering & Technology, where I can learn and grow. The entire faculty and department work tirelessly to mould one's destiny. My four years at SKCET was a tremendous learning experience. Huge admiration, affection, and devotion for the entire faculty and department. It is because of their efforts that I consider myself to be a better professional. It is with great joy and thankfulness that I, an Electrical and Electronics Engineering student, have been placed with Cognizant Technology Solutions, and I am glad to express my gratitude to all of my faculty members at SKCET. I'm also grateful to the Training and Placement cell for offering me with a platform to improve my abilities and an opportunity to demonstrate them by organizing placements during this pandemic and assisting me in getting hired by a reputed organization.

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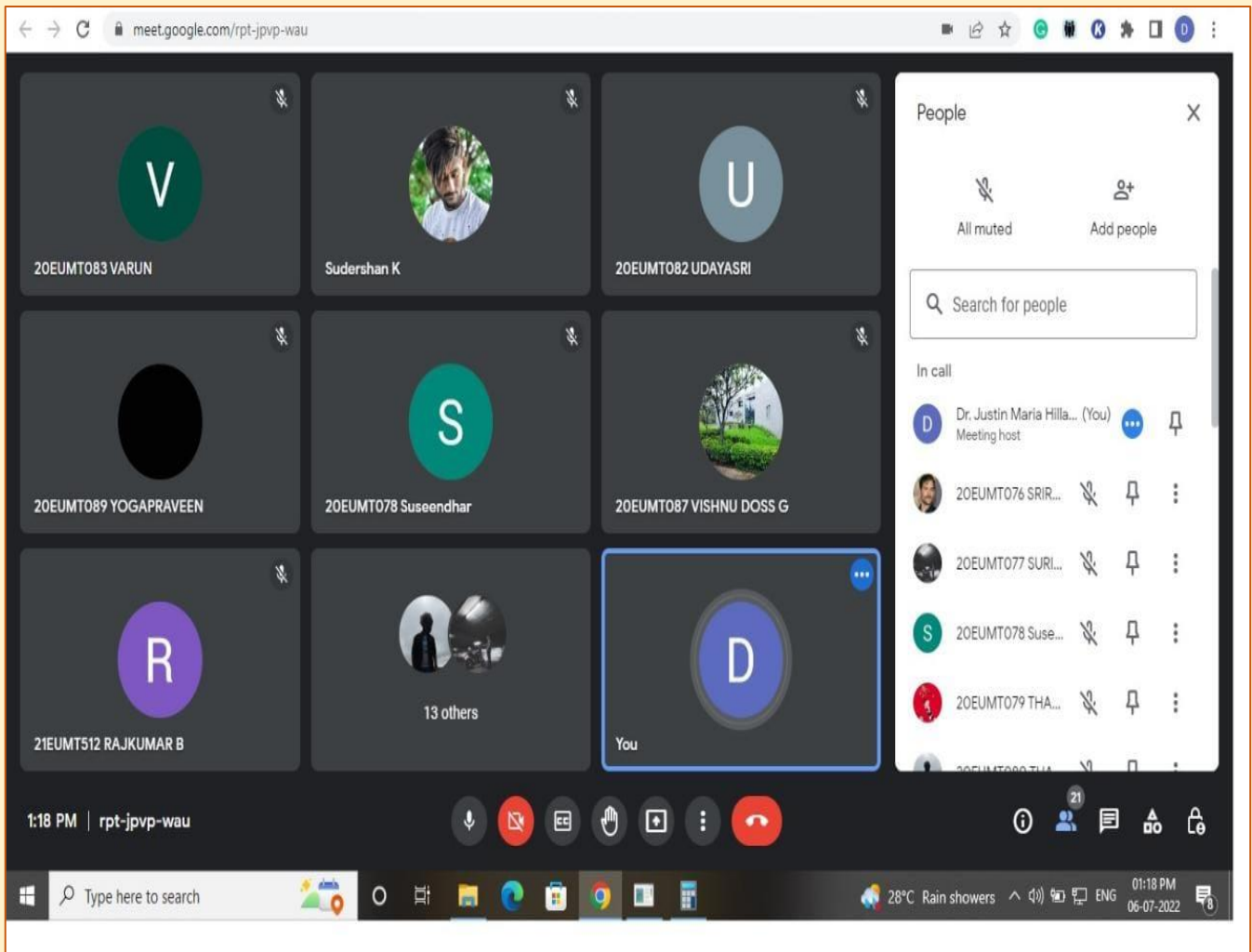
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TUTOR WARD MEETING



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MCT | TUTOR WARD MEETING



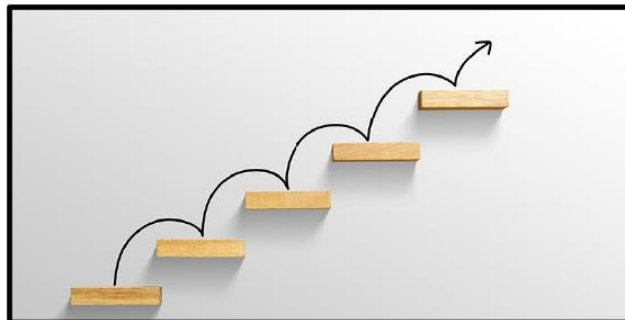
Dr. Justin Maria Hillary J, Assistant Professor, MCT conducted **Tutor Ward Meeting** for the Second year students on 06.07.2022. The pointers of discussion were: Placement Willingness, Importance of placement training and placement test attendance.

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FACULTY PROGRESSION



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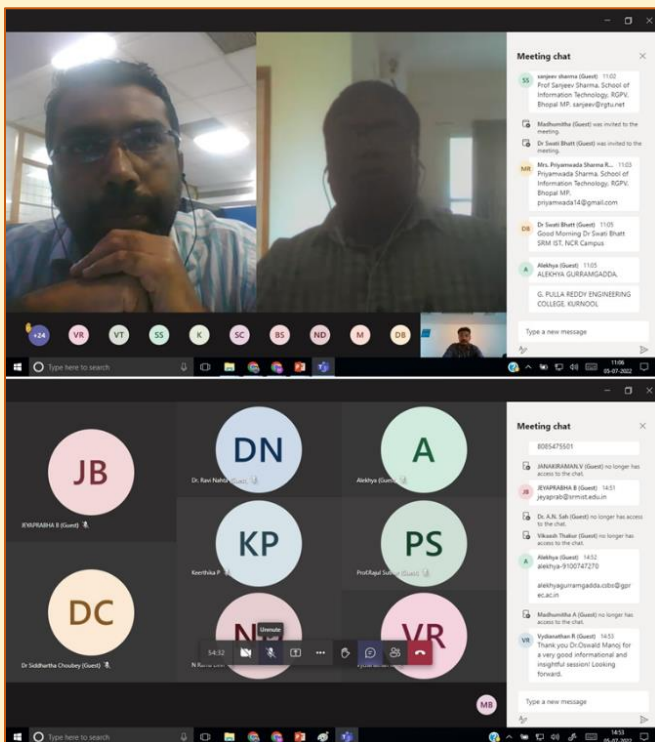
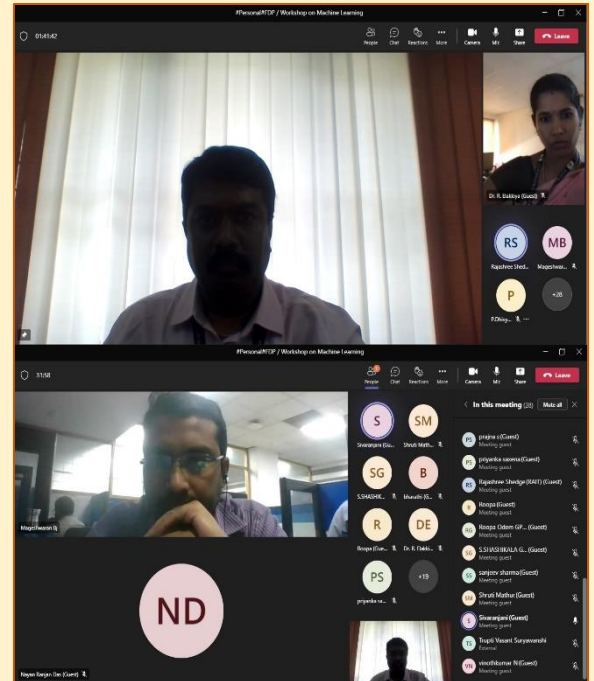


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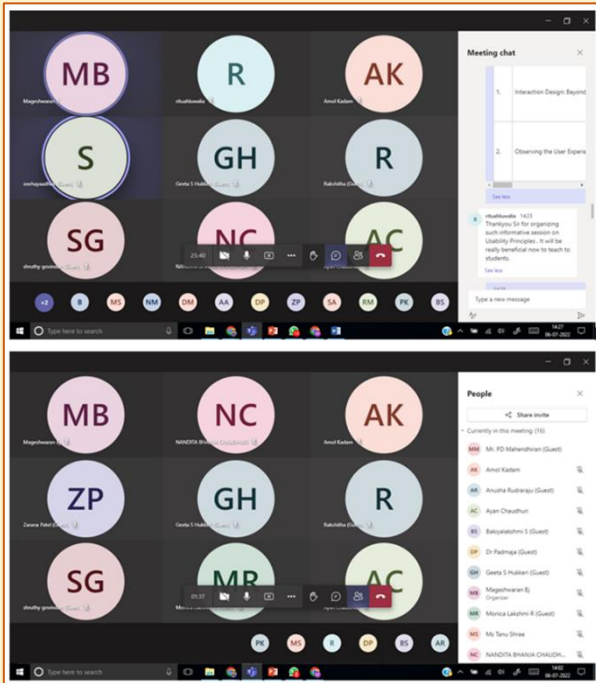
CSBS | RESOURCE PERSON - TCS FDP

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** was invited as the Resource Person for the “**Faculty Development Program on Machine Learning**” organized by **Tata Consultancy Services**, on 04.07.2022 through Microsoft Teams. The target audience were the Nationwide Faculty Members from the Department of Computer Science and Business Systems.



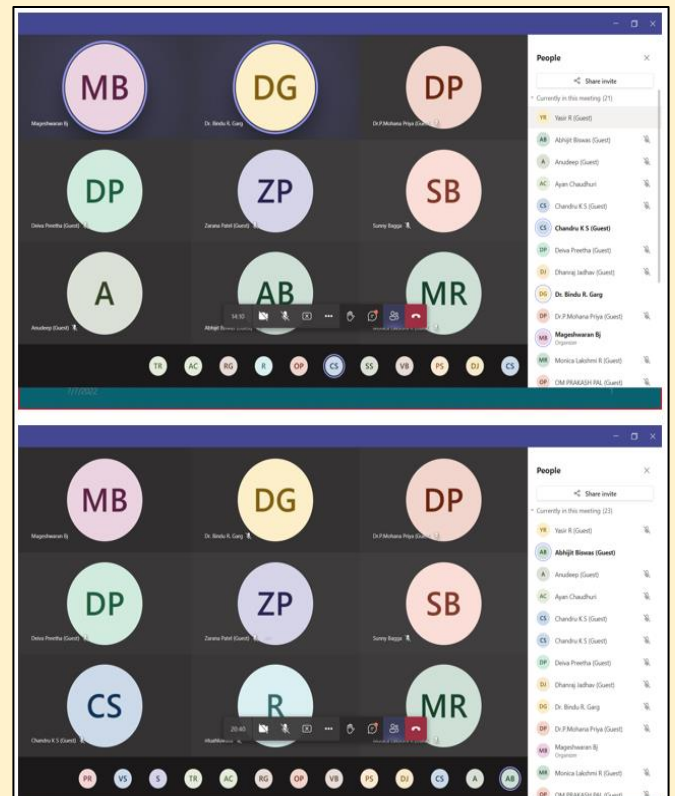
Dr.S.OswaltManoj, Assistant Professor, Department of **Computer Science and Business Systems** was invited as a Resource Person for the “**Faculty Development Program on Services Science and Service Operations Management**” organized by **Tata Consultancy Services** on 05.07.2022 through Microsoft Teams. The target audience were the nationwide faculty members from the Department of Computer Science and Business Systems.

CSBS | RESOURCE PERSON - TCS FDP



Mr.P.D.Mahendhiran, Assistant Professor, Department of **Computer Science and Business Systems** has been the Resource Person for the “**Faculty Development Program on Services Science and Service Operations Management**” organized by **Tata Consultancy Services** on 06.07.2022, through Microsoft Teams. The target audience were the nationwide faculty members from the Department of Computer Science and Business Systems.

Mr.R.Yasir Abdullah, Assistant Professor, Department of **Computer Science and Business Systems**,has been the Resource Person for the “**Faculty Development Program on Services Science and Service Operations Management**” organized by **Tata Consultancy Services**, on 07.07.2022, through Microsoft Teams. The target audience were the nationwide faculty members from the Department of Computer Science and Business Systems.

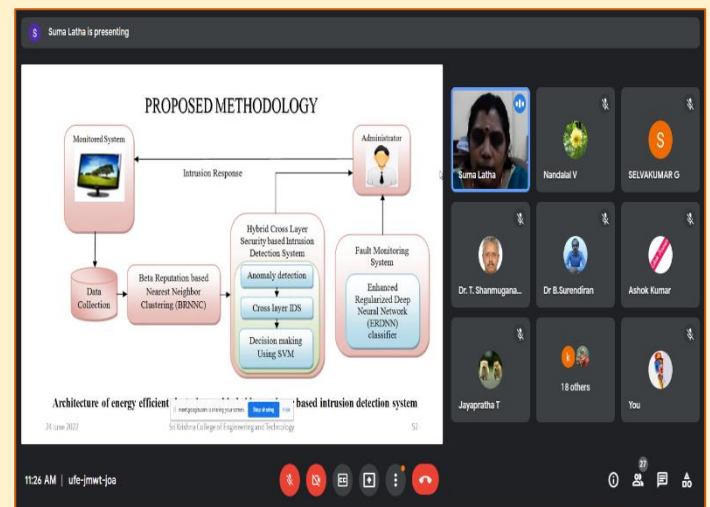
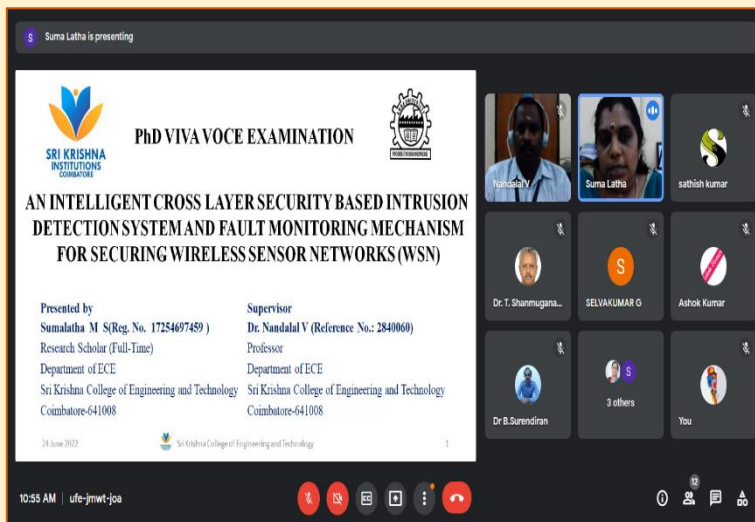


ECE| IEEE MEMBERSHIP



IEEE has recognized **Dr. Albert Raj**, Professor, **ECE** as its Senior Member denoting his professional commitment towards the advancement of Technology.

ECE| PH.D VIVA VOCE



Ph.D. Viva Voce of **Ms. Sumalatha M S**, Research Scholar of **Dr. V. Nandalal**, Professor, **ECE** was presented on 24.06.2022. **Dr. B. Surendiran**, Associate Professor, NIT and **Dr. T. Shanmuganathan**, Associate Professor, Pondicherry University were the external examiners.

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FACULTY CERTIFICATIONS



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AI & DS| FEP SERIES - INFOSYS CERTIFICATION



Mr.G.S.Pugalendhi, Assistant Professor, Department of **AI & DS** has completed two courses titled **“Introduction to Artificial Intelligence”** and **“Introduction to Deep Learning”** under Faculty Enablement Program (FEP) Series by Infosys from 09.06.2022 to 10.06.2022.

CIVIL| NPTEL CERTIFICATION

Mr. A. AswinBharath, Assistant Professor, Department of **Civil Engineering** has been recognized for his role as a mentor for the NPTEL course **“Effective writing”**. 29 students have successfully completed the course under his guidance.



CSE| FDP ON BIOINFORMATICS: ALGORITHMS, APPLICATIONS AND TOOLS



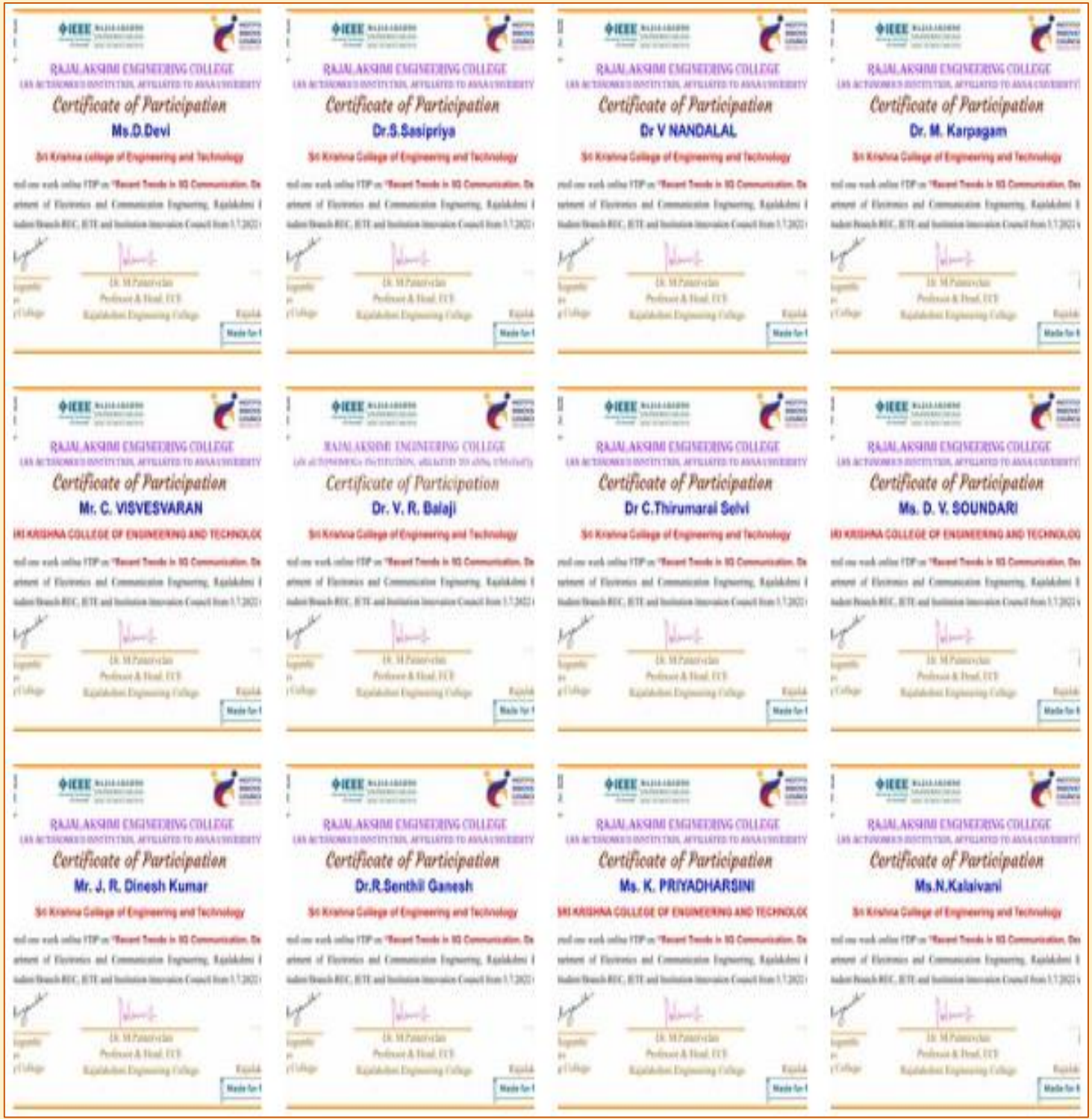
Dr.P.Mohan Kumar, Professor, Department of **CSE** has attended an online FDP on **“Bioinformatics: Algorithms, Applications and tools (Interdisciplinary)”** organized by E&ICT Academy, NIT Warangal and University College of Engineering BIT Campus, Anna University, Tiruchirappalli from 16.05.2022 to 25.05.2022.

CSE| INNOVATION AMBASSADOR TRAINING

Mr.M.Vengateshwaran, Assistant Professor, Department of **CSE** has successfully completed the AICTE – Innovation Ambassador (IA) Training Program - **“Foundation Level”** organized by MoE’s Innovation cell and AICTE during the IIC calendar year 2021-2022.



ECE| RECENT TRENDS IN 5G COMMUNICATION, DESIGN & TECHNOLOGIES



ECE| RECENT TRENDS IN 5G COMMUNICATION, DESIGN & TECHNOLOGIES

The following faculty members from the Department of **ECE** have successfully completed one week online FDP on **“Recent Trends in 5G Communication, Design & Technologies”** organized by the Department of Electronics and Communication Engineering, Rajalakshmi Engineering College in association with IEEE Student Branch-REC, IETE and Institution Innovation Council from 5.7.2022 to 9.7.2022.

Name	Designation
Dr.A.Albert Raj	Professor
Dr. M. Karpagam	Professor
Dr. S.Sasipriya	Professor
Dr. V. Nandalal	Professor
Dr. V.R. Balaji	Professor
Dr. C.ThirumaraiSelvi	Professor
Dr.B. Maruthi Shankar	Associate Professor
Dr.R.Senthil Ganesh	Associate Professor
Ms. D. Devi	Associate Professor
Ms. N. Kalaivani	Associate Professor
Ms. D.V.Soundari	Assistant Professor
Mr. C.Visvesvaran	Assistant Professor
Ms.Priyadharsini K	Assistant Professor
Mr.Dinesh Kumar J R	Assistant Professor
Ms.K.Suriya	Assistant Professor
Ms.Praseetha	Assistant Professor

ECE| INNOVATION AMBASSADOR TRAINING



Ms.U.Vanitha, Associate Professor, ECE department has successfully completed 15 sessions of 30 contact hours on “**Innovation Ambassador Training – Foundation Level**” on 9.7.2022

M.TECH CSE | INNOVATION AMBASSADOR TRAINING

Dr.A.Pushpalatha, Associate Professor, Department of M.Tech. Computer Science and Engineering has successfully completed the Innovation Ambassador (IA) Training ‘Foundation Level’ by MoE’s innovation Cell & AICTE.



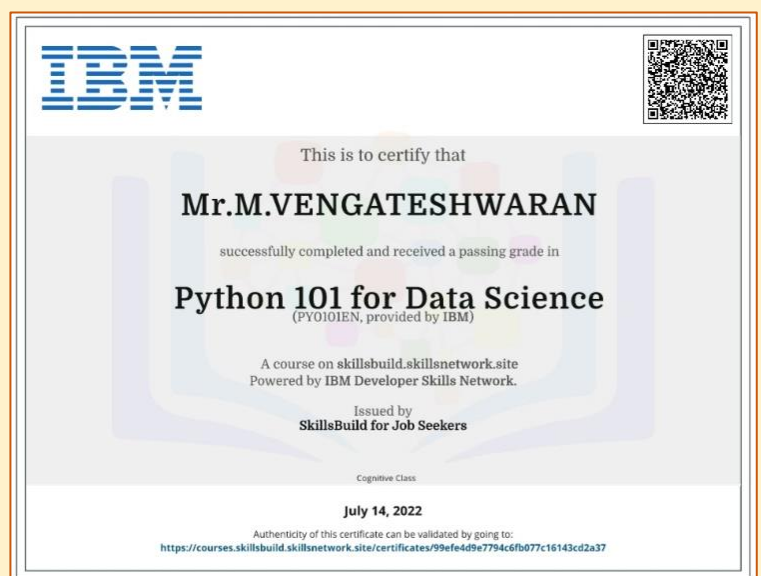
MCT| FDP ON RECENT TRENDS IN 5G COMMUNICATION, DESIGN & TECHNOLOGIES



Mrs. M. Bhuvanewari , Assistant Professor, MCT, has successfully completed one week online FDP on “Recent Trends in 5G Communication, Design & Technologies” organized by Department of Electronics and Communication Engineering , Rajalakshmi Engineering College in association with IEEE student branch -REC, IETE and Institution Innovation Council Chennai, from 5th July to 9th July 2022.

CSE| IBM CERTIFICATION

Mr.M.Vengateshwaran, Assistant Professor, Department of CSE has successfully completed the course on “Python 101 for Data Science” by IBM Developer Skills Network.



IT | INTRODUCTION TO DATA SCIENCE



Dr. S. DeepaKanmani, Associate Professor, Department of **Information Technology** has successfully completed a course on **“Introduction to Data Science”** certified and recognized by Infosys.

IT | IOT COMMUNICATION TECHNOLOGIES

Dr. M Arunachalam, Professor, Department of **Information Technology** has successfully completed the course on **“IoT Communication Technologies”** certified and recognized by Infosys.



IT | INTRODUCTION TO NOSQL DATABASES



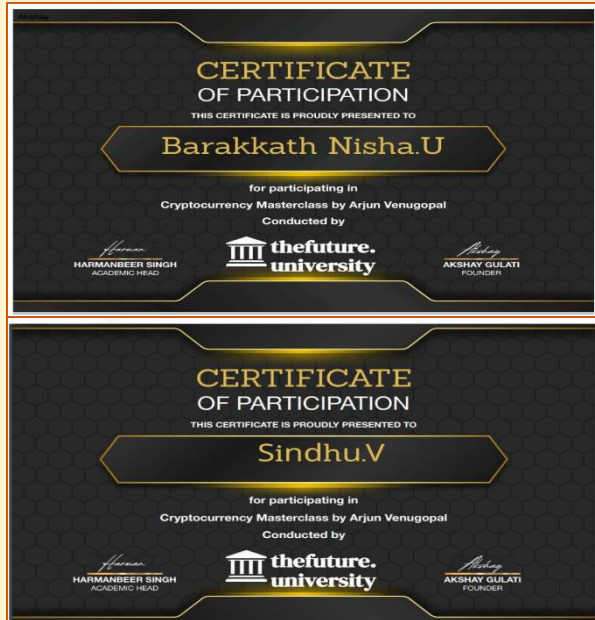
Dr.U.BarakkathNisha, Associate Professor, Department of Information Technology has successfully completed the course on **“Introduction to NoSQL Databases”** certified and recognized by Infosys.

IT | MONGODB BASICS

Ms. SruthiAnand, Assistant Professor, Department of **Information Technology** has successfully completed the course on **“MongoDB Basics”** certified and recognized by MongoDB University.



IT | CRYPTOCURRENCY MASTERCLASS



Dr.U.BarakkathNisha and Ms.V.Sindhu, faculty members Department of Information Technology have completed the course on “Cryptocurrency Masterclass”certified by The Future University.

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EEE | CONFERENCE PRESENTATION

P.Raveena, P.Rakshana, P.Nigila and **P.Mahalakshmi** Final year students of **EEE** along with **Dr.R.Sumathi**, Professor, **EEE** have presented and published a paper entitled “**Real Time Protection of Farmlands from Animal Intrusion**” in the 2022 IEEE World Conference on Applied Intelligence and Computing– AIC 2022 held at Rajkiya Engineering College, Sonbhadra.



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