SKCET Buzz

13th - 21st January 2022

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Mr.S.Sureshkumar – CSE

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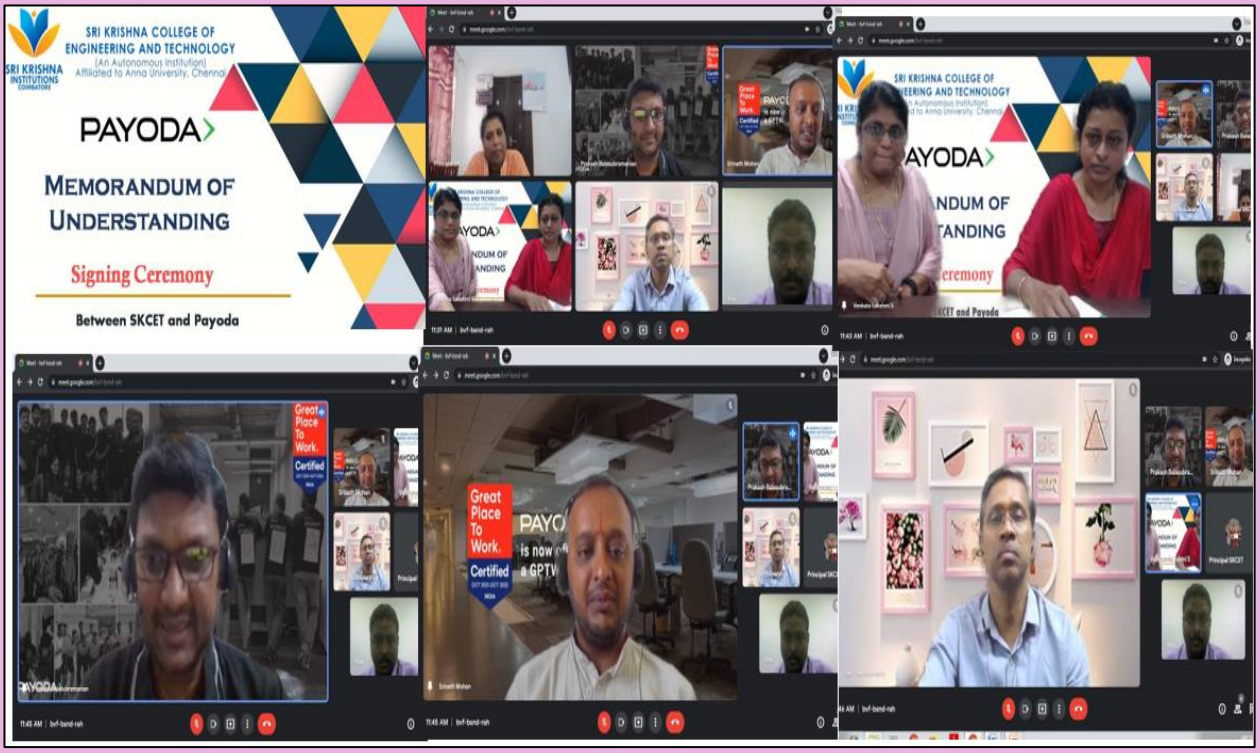
INSTITUTIONAL EVENTS

SKCET | MEMORANDUM OF UNDERSTANDING



Memorandum of Understanding was signed between the Department of **Artificial Intelligence and Data Science** of SKCET and **Payoda Technologies** on 21.01.2022. **Principal Madam** presided over the MoU ceremony and delivered the presidential address. **Dr.Jayasudha Subburaj** ,**Placement Officer** organized the ceremony and **Dr.S.Venkata Lakshmi**, HoD, **AI &DS** thanked the experts. A three member team headed by **Mr.Suri**, Assistant Vice President, **Mr.Prakash**, Head, HR, **Mr.Srinath Mohan**, HR of Payoda joined the virtual ceremony and signed the MoU.

MoU Outcomes:

- Establishing a CO innovation Lab
- Training Students and Faculty in upcoming Technologies
- Supporting Projects and Internships
- Promoting start- up culture among students

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STUDENT CERTIFICATION

EEE | INTERNSHIP @ JAI BAJRANG

JAI BAJRANG PUMP COMPANY
(An ISO 9001 : 2008 Company)
Mfrs. : Domestic Monobloc, Jet Pump & Submersible Pumpsets

26/12/2021
Coimbatore

TO WHOM IT MAY CONCERN

This is to certify that **VISHNU PRASATH U** a student of **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully completed his internship training with **Jai Bajrang pump Company**, Coimbatore from 25/12/2021 to 26/12/2021.

During this internship he worked on different modules of company project and demonstrated good skills. He was diligent and hard working to do his best on his project.

He has shown good character and enthusiasm and we wish him all the best for his future.

For.
Jai Bajrang Pump Company

Vishnu Prasath.U, student of Third year **EEE "C"** has successfully completed his internship training with **Jai Bajrang Pump Company, Coimbatore** from 25.12.2021 to 26.12.2021.

IT |COURSERA CERTIFICATION

Santhosh P student of **Second** year **Information Technology** Department has successfully completed an online course on "**Introduction to HTML5**" authorized by University of Michigan and offered through Coursera.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

Jan 18, 2022

Santhosh P

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

coursera

Colleen van Lent

Colleen van Lent, Ph.D.
Lecturer
School of Information, University of Michigan

Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/TG2QGMYNJ2X9
Coursera has confirmed the identity of this individual and their participation in the course.

IT | INTRODUTION TO PYTHON

IT | INTRODUTION TO PYTHON

Varadha Shri R M, Santhosh V, Surendran V, Yazhmughi Ramesh, Santhosh P, and **Swetha Chinnaraj** students of **Second** year **Information Technology** have successfully completed an online course on "**Introduction to Python**" authorized by **Coding Ninjas**.

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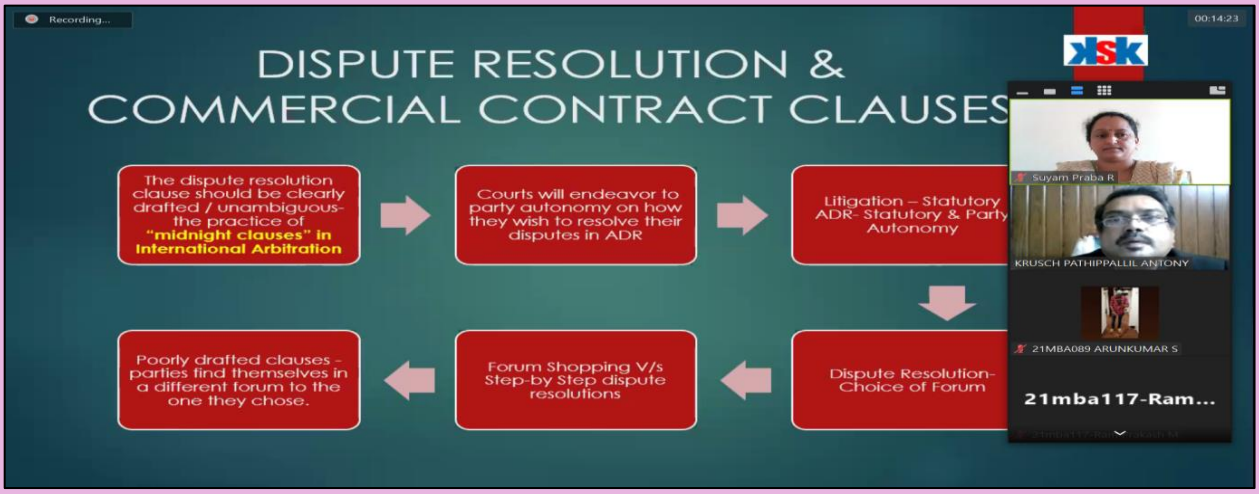
EVENTS

MCT| INNOVATION WEEK - CONCLUDING

Faculty members and students from the Department of Mechatronics **Engineering** attended the **Concluding ceremony** of the e-Symposium on Innovation Week Celebration on 12.01.2022.

SOM|GUEST LECTURE ON INDIAN CONTRACT ACT & EMERGING DISPUTE RESOLUTION PRACTICES



School of Management organized a Guest Lecture on "**Indian Contract Act and emerging Dispute resolution practices**" for the **First** year **MBA** students on 19.01.2022. The resource for the session was **Adv. Krusch Pathippallil Antony**, Partner – Arbitration & Litigation, King Stubb & Kasiva, Advocates & Attorney, Kochi. Rights and obligations arising out of a contract and legal remedies to the affected parties, Arbitration as the resolution of commercial disputes were the session highlights.

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RESEARCH AND DEVELOPMENT

R&D | ARTICLE PUBLICATION | MECH

Journal : Large 40962 | Dispatch : 29-11-2021 | Pages : 17
Article No. : 731 | LE | TYPESET
MS Code : IJMC-D-21-00253R2 | CP | DISK

EVALUATION OF MICROSTRUCTURES, MECHANICAL AND DRY-SLIDING WEAR PERFORMANCE OF A356-(FLY ASH/SICP) HYBRID COMPOSITES

R. Soundararajan, A. Sathishkumar, G. Shanthosh and S. Karthik
Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India

S. Sivasankaran
Department of Mechanical Engineering, College of Engineering, Qassim University, Buraydah, Kingdom of Saudi Arabia

https://doi.org/10.1007/s40962-021-00731-3

Abstract

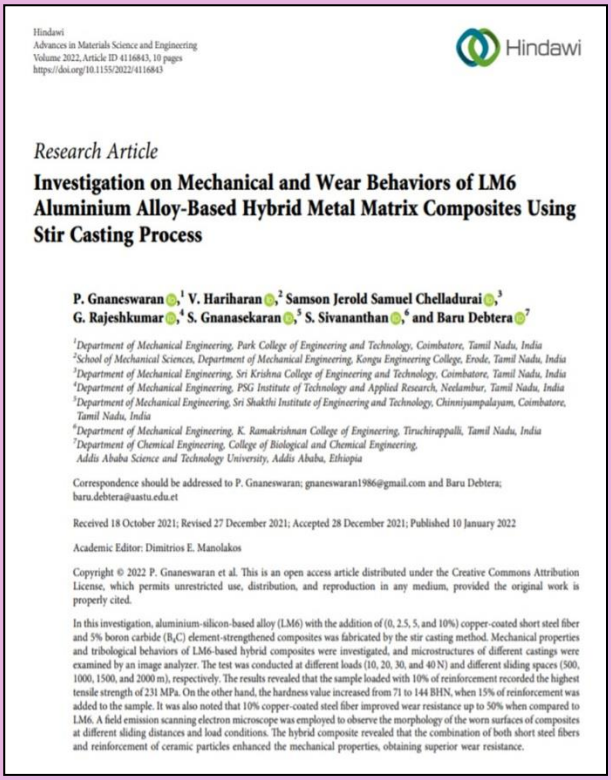
The present study was conducted to examine the physical, metallurgical, mechanical, and tribological behaviors of A356 alloy reinforced with fly ash (5, 10 wt%), and SiCp (2.5 wt%) hybrid composites. Three hybrid composites were synthesized and consolidated through a stir cum squeeze cast technique followed by solution treatment and aging. X-ray diffraction and microstructural evaluations were performed using an optical microscopy and a scanning electron microscopy. The microstructural results revealed pore-free, homogeneous dispersions and effective bonding of reinforcements in the matrix. The experimental bulk density of the A356-10wt% fly ash-2.5 wt% SiC hybrid composite exhibited lower value compared other samples indicating lighter weight. The same sample produced Brinell hardness number of 90.35 ± 3.80 HB and ultimate strength of 329 MPa which was 1.28 times and 1.14 times higher than matrix respectively. The dry sliding wear test results showed that the wear rate and coefficient of friction started to increase with increasing applied load and sliding speed. The 10 wt% fly ash sample produced lower wear rate 1.42×10^{-1} mg/m at a load 10 N and sliding distance of 1000 m. Finally, the surface worn-out mechanisms were studied using SEM. The developed 10 wt% fly ash-based hybrid composite exhibited improved performances recommending to use in automotive and various structural parts.

Keywords: hybrid composites, stir cum squeezed, physical, metallurgical, mechanical, tribological behavior

Dr.R.Soundararajan, Mr. A. Sathish Kumar and Dr. S. Karthik, faculty members, Department of **Mechanical Engineering** have published a scientific research article titled **'Evaluation of microstructures, mechanical and dry-sliding wear performance of A356 - (FLY ASH/SICP) hybrid composites'** in the International Journal of Metal casting - American Foundry Society publication. It is a WoS indexed journal.

R&D | ARTICLE PUBLICATION | MECH

Dr.C.Samson Jerold Samuel, Associate Professor, **Mechanical Engineering** has published a scientific research article titled **"Investigation on Mechanical and Wear Behaviors of LM6 Aluminium Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process"** in Advances in Materials Science and Engineering publication by Hindawi. The journal is listed in Anna University Annexure 1 (Impact Factor: 1.726), Indexed in SCI and Scopus.



Hindawi
Advances in Materials Science and Engineering
Volume 2022, Article ID 4116843, 10 pages
https://doi.org/10.1155/2022/4116843

Hindawi

Research Article

Investigation on Mechanical and Wear Behaviors of LM6 Aluminium Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process

P. Gnaneswaran,[1] V. Hariharan,[2] Samson Jerold Samuel Chelladurai,[3] G. Rajeshkumar,[4] S. Gnanasekaran,[5] S. Sivananthan,[6] and Baru Debtera[7]

[1]Department of Mechanical Engineering, Park College of Engineering and Technology, Coimbatore, Tamil Nadu, India
[2]School of Mechanical Sciences, Department of Mechanical Engineering, Kongu Engineering College, Erode, Tamil Nadu, India
[3]Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India
[4]Department of Mechanical Engineering, PSG Institute of Technology and Applied Research, Neelambur, Tamil Nadu, India
[5]Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, Chinniyampalayam, Coimbatore, Tamil Nadu, India
[6]Department of Mechanical Engineering, K. Ramakrishnan College of Engineering, Tiruchirappalli, Tamil Nadu, India
[7]Department of Chemical Engineering, College of Biological and Chemical Engineering, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia

Correspondence should be addressed to P. Gnaneswaran; gnaneswaran1986@gmail.com and Baru Debtera; baru.debtera@aastu.edu.et

Received 18 October 2021; Revised 27 December 2021; Accepted 28 December 2021; Published 10 January 2022

Academic Editor: Dimitrios E. Manolakos

In this investigation, aluminium-silicon-based alloy (LM6) with the addition of (0, 2.5, 5, and 10%) copper-coated short steel fiber and 5% boron carbide (B_4C) element-strengthened composites was fabricated by the stir casting method. Mechanical properties and tribological behaviors of LM6-based hybrid composites were investigated, and microstructures of different castings were examined by an image analyzer. The test was conducted at different loads (10, 20, 30, and 40 N) and different sliding spaces (500, 1000, 1500, and 2000 m), respectively. The results revealed that the sample loaded with 10% of reinforcement recorded the highest tensile strength of 231 MPa. On the other hand, the hardness value increased from 71 to 144 BHN, when 15% of reinforcement was added to the sample. It was also noted that 10% copper-coated steel fiber improved wear resistance up to 50% when compared to LM6. A field emission scanning electron microscope was employed to observe the morphology of the worn surfaces of composites at different sliding distances and load conditions. The hybrid composite revealed that the combination of both short steel fibers and reinforcement of ceramic particles enhanced the mechanical properties, obtaining superior wear resistance.

R&D | JOURNAL PUBLICATION| CIVIL

Ms.G.Preethi, Assistant Professor, Department of **Civil Engineering** has published a research article titled **"Importance of radon assessment in indoor environment – A Review"** in Materials Today: Proceedings.

DOI:https://doi.org/10.1016/j.matpr.2021.12.534

ARTICLE IN PRESS

Materials Today: Proceedings xxx (xxxx) xxx

Contents lists available at ScienceDirect

Materials Today: Proceedings

journal homepage: www.elsevier.com/locate/matpr

Importance of radon assessment in indoor Environment-a review

Preethi Gopalakrishnan [a,*], J. Jeyanthi [b]

[a] Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India
[b] Department of Civil Engineering, Government College of Technology, Coimbatore, India

ARTICLE INFO

Article history:
Available online xxxx

Keywords:
Radon
Radon daughters
Lung disorders
Infertility

ABSTRACT

Radon is odourless, colourless indoor air pollutant from the radiation source of uranium. The source of radon in indoor are walls, floor and ceiling. Importance of radon detection at buildings are rare as it cannot be suspected until faced with an health issues. Concentration of radon in indoor environment depends on various factors. Lund disorders are the most commonly reported issue with radon exposure. This paper concentrates on the sources, factors influencing the radon dispersion and the health issues rise up with high radon exposure.

Selection and peer-review under responsibility of the scientific committee of the First International Conference on Advances in Mechanical Engineering and Material Science.

R&D | JOURNAL PUBLICATION| CSE

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materialstoday: PROCEEDINGS
Available online 3 January 2022
In Press, Corrected Proof

Object Tracking Glove

V. Vijeya Kaveri [a], V. Meenakshi [b], R. Meena Devi [b], A. Kousalya [c], M. Sujaritha [a]

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https://doi.org/10.1016/j.matpr.2021.12.279 Get rights and content

Abstract

Hand gestures are a type of nonverbal communication that can be applied to a variety of sectors, including deaf-mute communication, human–computer interaction (HCI), medical applications, robot control and home automation. Various strategies have been used in hand gesture research articles, including those based on instrumented sensor technology and computer vision. In this paper, we have proposed an object tracking glove that uses simple hand motions and sensor technology to operate computer systems. With the assistance of the webcam the colour of the object over the glove is detected and therefore the color are going to be reflected on the PC screen, this will be accomplished with the utilization of IDE processing referred to as calibration. With an easy movement of the hand, the

Dr.V.VijeyaKaveri, Dr.M.Sujaritha, A.Kousalya, faculty members, **CSE** have published a paper entitled "**Object Tracking Glove**" in Materials Today: Proceedings, Science Direct. This is indexed in Scopus.

DoI:https://doi.org/10.1016/j.matpr.2021.12.279.

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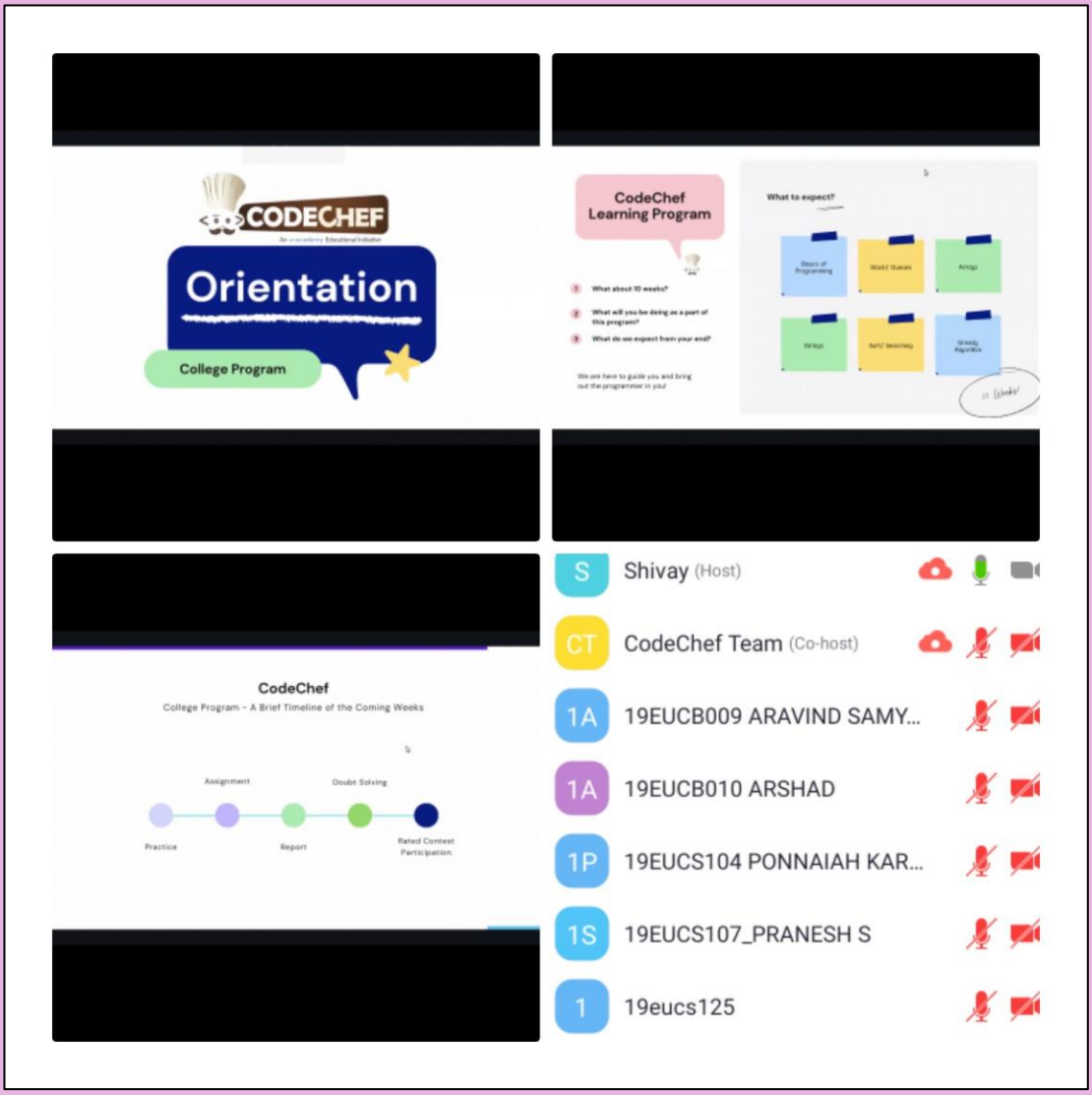
TRAINING AND PLACEMENT

PLACEMENT | CODE CHEF PLATFORM ORIENTATION



Dr.Jayasudha Subburaj, Placement Officer along with the **2023 batch** students attended **Code Chef Platform Orientation and Hands on session** event on 19th January, 2022. The event was organized by Code Chef Team. **Mr.Shivay, Code-In Mentor**, Code chef platform, was the key speaker of the event.

PLACEMENT| TESTIMONIAL BY PLACED STUDENTS

ROHINI S,
IT (2021 Batch),
Vuram

I am always proud to be a part of SKCET family. Choosing SKCET was one of the best decisions I have ever made and the pleasant environment which attracts every student to be in college every day. It feels great to be taught by excellent faculty members who gave me infinite love and support at each and every step. Also, I would like to thank the placement team for their immense support and encouraging me during tough times in the pandemic situation. The various trainings and mentoring guided me to get placed in Vuram Technologies. Four years in SKCET was just fantastic and a memorable one.

It has always been a great pleasure for me to be a part of SKCET family, to explore and enjoy its immense resources. SKCET Placement Team brought plenty of companies to our campus even in this pandemic situation. I take this chance to show my sincere gratitude to all my department faculty members and placement trainers. The training provided by the placement team, boosted my cognitive skills and interpersonal skills and it's the key reason for me to clear my interviews. It's been a wonderful journey of four years and i would like to thank SKCET management and all the faculty members for encouraging me to think globally and help my wings to take off!

VICKRAM T,
ECE (2021 Batch),
Virtusa

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TUTOR WARD MEETING

AI&DS | TUTOR WARD MEETING - II YEAR

Dr. S. Venkata Lakshmi – HoD, **AI&DS, Dr. A. Sajeev Ram,** Assistant Professor, **AI&DS** conducted Tutor Ward Meeting for the students of **Second** year **AI & DS 'A'**. The pointers of discussion were: Effective Participation in the events such as Hack with Infy and Zoho Cliq Trix shared by Placement team, Placement test follow up submission, Involvement in web technology based courses and Internships.

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FACULTY CERTIFICATION

MCT | AICTE -ISTE ONLINE FDP ON MACHINE LEARNING IN BIOMEDICAL ENGINEERING

Certificate

This is to certify that *D.PRITIMA* has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on *"Machine Learning in Biomedical Engineering"* held during **01.12.2021** to **07.12.2021** organized by *R.M.K. Engineering College, Kavaraipettai, Tamilnadu.*

Director (FDC) AICTE, ND | Executive Secretary ISTE, ND | Program Coordinator RMKEC, Kavaraipettai | Principal RMKEC, Kavaraipettai

Dr.D.Pritima , Professor, **MCT** has participated AICTE-ISTE Online FDP on "**Machine Learning in Biomedical Engineering**" from 01.12.2021 to 07.12.2021 at R.M.K Engineering College, Tamilnadu.

MCT | INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Ms.S.Nithya Priya, Assistant Professor, **MCT,** has completed the online course **"Introduction to Artificial Intelligence",** certfied by **SKILLUP** on 12th January 2022.

SkillUP by Simplilearn

Declaration of Completion

Nithya Priya S

has successfully completed the online course:

Introduction to Artificial Intelligence

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12th Jan 2022

Certificate code : 3167155

Krishna Kumar
CEO

MECH| FDP ON 3D PRINTING & DESIGN

Dr.C.Rajendran, Associate Professor, **Mechanical Engineering** has actively participated in an online Faculty Development Program on **'3D Printing & Design'** organized by Defence Institute of Advanced Technology from 10.01.2022 to 14.01.2022.


No: ATAL/2022/1641184709

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that C Rajendran, Associate Professor of Sri Krishna College of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D PRINTING & DESIGN" from 10/01/2022 to 14/01/2022 at DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY (DU).

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

AI & DS| ORACLE CERTIFIED ASSOCIATE


ORACLE
University

Oracle Certified Foundations Associate
Certificate of Recognition

Sujatha T

Oracle Cloud Infrastructure Foundations 2021 Certified Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

January 10, 2022
Date

Damien Carey
Senior Vice President, Oracle University

This eCertificate is valid until July 10, 2023

6695871OCIBF2021

Dr.T.Sujatha, Associate Professor, Department of **AI & DS** has been recognized as **"Oracle Cloud Infrastructure Foundations 2021 Certified Associate"** by Oracle Corporation.

AI & DS| STTP ON MACHINE LEARNING AND IT'S APPLICATIONS

NITTTRK/ICT/2021-22/06319

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH (NITTTR) KOLKATA

(Established by the Ministry of Education Government of India)

Certificate of Participation

S. Venkata Lakshmi

has completed One Week

Short Term Training Programme through ICT Mode on

Machine Learning and It's Applications

organised by this Institute

from 27th December to 31st December, 2021 successfully.

Dr. Indajit Saha — Programme Coordinator(s)

Dr. Sukanta Kumar Naskar — Faculty-in-Charge, Training Cell

Prof. Debi Prasad Mishra — Director

Dr.S.Venkata Lakshmi, Professor and Head, Department of **AI & DS** has participated in a one week Short Term Training Programme on **"Machine Learning and It's Applications"** from 27.12.2021 to 31.12.2021 organized by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata.

CSE|FDP ON RECENT TRENDS IN AI

Ms.N.Saranya, Assistant Professor, **CSE** has participated in a one-week AICTE ISTE FDP on **"Recent Trends in AI"** organized by Jhulelal Institute of Technology, Nagpur, Maharashtra, from 07.12.2021 to 13.12.2021.

Certificate

This is to certify that ***SARANYA N*** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on ***"Recent Trends in AI"*** held during **07.12.2021** to **13.12.2021** organized by ***Jhulelal Institute of Technology, Nagpur, Maharashtra.***

Director (FDC) AICTE, ND

Executive Secretary ISTE, ND

Program Coordinator JIT, Nagpur

Principal JIT, Nagpur

CSE|ORACLE CERTIFICATION

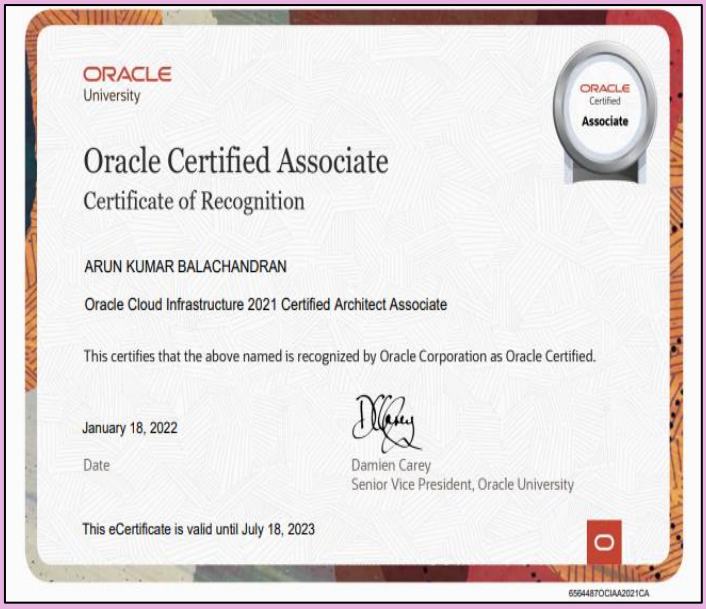
Ms.S.Biruntha, Assistant Professor, **CSE** has successfully completed "**Oracle Cloud Infrastructure 2021 Certified Architect Professional and Architect Associate**" organized by Oracle Corporation on 05.01.2022 and 18.01.2022.

CSE|FDP ON RESEARCH IDEAS IN IMAGE PROCESSING

Mr.M.Sivakumar, Assistant Professor**, CSE** has participated in a one-week FDP on **"Research Ideas in Image Processing and Communications"** organized by Siddartha Institute of Science and Technology, Puttur, from 27.12.2021 to 01.01.2022.

CSE | ORACLE CERTIFICATION

Dr.B.Arun Kumar, Professor, **CSE** has successfully completed course on "**Oracle Cloud Infrastructure 2021 Certified Architect Associate**" organized by Oracle Corporation on 18.01.2022.



IT | ORACLE CERTIFICATION

Dr.M.Arunachalam, Professor, Department of **Information Technology** has certified **"Oracle Certified Foundations Associate"** recognized by Oracle Corporation.

IT | CONFERENCE ORGANIZING COMMITTEE

Dr.M.Arunachalam, Professor, Department of **Information Technology,** has received a Certificate of Appreciation from IFERP for being an Organizing Committee Member at the 4th International Conference ICASETM-2021 held at Dubai on 29.12.2021 & 30.12.2021.

IT | ORACLE CERTIFIED PROFESSIONAL

Mrs. Indhu R, Assistant Professor, Department of **Information Technology** has been certified as **"Oracle Certified Professional"** recognized by Oracle Corporation.

IT | ORACLE CERTIFIED ASSOCIATE

Mrs.V.Sindhu and **Ms.R.Janani** Assistant Professor, Department of Information Technology has certified **"Oracle Certified Associate"** recognized by Oracle Corporation.

IT|ORACLE CERTIFIED SPECIALIST

Mrs.Lavanya Selvaraj, Assistant Professor, Department of Information Technology has certified **"Oracle Certified Specialist"** recognized by Oracle Corporation.

MCT | COURSERA CERTIFICATION

Mr.S.Panneerselvam, Mr.P.M.Arunkumar, Ms.M.Bhuvaneshwari and Ms.S.Kannaki, Assistant Professors, **MCT,** have successfully completed an online Course on **Business Analysis & Process Management**, authorized by Coursera.

IT | ORIENTATION PROGRAMME ON INTELLIGENT COMPUTING USING PYTHON

Certificate

This is to certify that *DR.BARAKKATH NISHA.U* has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on *"Intelligent Computing Using Python"* held during **22.12.2021** to **29.12.2021** organized by *Sona College of Technology, Salem, Tamilnadu.*

Director (FDC) AICTE, ND | Executive Secretary ISTE, ND | Program Coordinator SCT, Salem | Principal SCT, Salem

Dr.Barakkath Nisha U, Associate Professor, Department of **Information Technology** has participated in the refresher program on **"Intelligent Computing Using Python "** held from 22.12.2021 to 29.02.2021 organized by Sona College of Technology, Salem, Tamilnadu.

S&H | NITTT COURSE

Ms.Revathy.P, Assistant Professor, **S&H,** has successfully completed Module 1 entitled **'Orientation towards Technical Education and Curriculum Aspects'** and Module 2 **'Professional Ethics and Sustainability'** in NITTT organized by AICTE.

अखिल भारतीय तकनीकी शिक्षा परिषद्

प्रमाणपत्र

प्रमाणित किया जाता है कि

रेवती पी

एआईसीटीटी पंजीयन क्रमांक :20201102488

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 2 : वृत्तिक आचार नीति और संधारणीयता

को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)

Certificate

This is to certify that

REVATHY P

NITTT Registration No: 20201102488

has successfully completed

Module 2 : Professional Ethics and Sustainability

of

National Initiative for Technical Teachers Training

SEPTEMBER 2021

अखिल भारतीय तकनीकी शिक्षा परिषद्

प्रमाणपत्र

प्रमाणित किया जाता है कि

रेवती पी

एआईसीटीटी पंजीयन क्रमांक :20201102488

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 1 : तकनीकी शिक्षा और पाठ्यचर्या पहलुओं का अभिविन्यास

को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)

Certificate

This is to certify that

REVATHY P

NITTT Registration No: 20201102488

has successfully completed

Module 1: Orientation towards Technical Education and Curriculum Aspects

of

National Initiative for Technical Teachers Training

SEPTEMBER 2021

ECE|STC ON EMERGING TRENDS IN ANTENNA DESIGN FOR RF-ENERGY HARVESTING CIRCUIT

Mr.J.R.Dinesh Kumar, Assistant Professor , ECE has participated in a one week online STC on **"Emerging Trends in Antenna Design for RF-energy Harvesting Circuit",** organized by the Department of ECE, NIT, Delhi from 3.1.2022 to 8.1.2022.

One Week Online Short Term Course
On
Emerging Trends in Antenna Design for RF-Energy Harvesting Circuit

NATIONAL INSTITUTE OF TECHNOLOGY (NIT) DELHI
NEW DELHI – 110040, INDIA

Certificate for Participation

This is to certify that Prof./ Dr./ Mr./ Ms. /Mrs. DINESH KUMAR J R, from Sri Krishna College of Engineering and Technology has participated in the One-Week Online Short Term Course (STC) on "*Emerging Trends in Antenna Design for RF-Energy Harvesting Circuit*", organized by the Electronics and Communication Engineering Department of National Institute of Technology (NIT) Delhi during January 03-08, 2022.

Dr. Manisha Bharti, Head of the Department, ECE, NIT Delhi
Dr. Rikmantra Basu, Assistant Professor, ECE Department and Coordinator, NIT Delhi
Dr. D. Vaithiyanathan, Assistant Professor, ECE Department and Coordinator, NIT Delhi
Dr. Sachin Agrawal, Assistant Professor, ECE and Coordinator, NIT Delhi

ECE|STC ON EMERGING TRENDS IN ANTENNA DESIGN FOR RF-ENERGY HARVESTING CIRCUIT

Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

Dinesh Kumar J R

for successful completion of all requirements of one week online Certificate Course on

Digital Teaching Techniques

organized by ICT Academy from 27 December 2021 to 31 December 2021.

Certificate Issued 07 January 2022

Dr B Anbuthambi, President, ICT Academy

ICTACADEMY

Atos | Syntel

Certificate of Completion

THIS CERTIFICATE IS PRESENTED TO

Bagavathi C

for successful completion of all requirements of one week online Certificate Course on

Digital Teaching Techniques

organized by ICT Academy from 27 December 2021 to 31 December 2021.

Certificate Issued 07 January 2022

Dr B Anbuthambi, President, ICT Academy

ICTACADEMY

Atos | Syntel

Mr.J.R.Dinesh Kumar and **Ms.C. Bagavathy**, Assistant Professors, ECE have participated in 5 days training conducted by ICT academy in association with Atos & Syntel, on **"Digital Teaching Techniques"** from 27.12.2021 to 31.12.2021.

ECE| QUALITY ENHANCEMENT IN RESEARCH

Ms.R.Niranjana, Mr.J.R.Dinesh Kumar and **Mr.C.Visveswaran** Assistant Professors, ECE has attended a 7 days workshop on **"Quality Enhancement in Research",** conducted by IQAC and sponsored by MPHEQIP, Govt of MP from 11.1.2022 to 17.1.2022.

ECE| COURSERA CERTIFICATION

ECE| COURSERA CERTIFICATION

The following faculty members of **ECE** department have successfully completed various courses offered through Coursera.

Name of the Faculty	Course Title	University
Ms.G.Saranya	Programming for everybody	University of Michigan
Ms.Priyadharsini.K	Successful negotiation: essential strategies and skills	University of Michigan
Ms.Vidhya. B	Successful negotiation: essential strategies and skills	University of Michigan
Mr.Sarath Kumar.R	Successful negotiation: essential strategies and skills	University of Michigan
Mr.Karthi.S.P	Successful negotiation: essential strategies and skills	University of Michigan
Ms..Soundari,D V	Successful negotiation: essential strategies and skills	University of Michigan
Mr.Visvesvaran.C	Successful negotiation: essential strategies and skills	University of Michigan

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FACULTY PROGRESSION

ECE | IEEE APPRECIATION CERTIFICATE

Dr.V.Nandalal, faculty member, **ECE**, IEEE – Ambassador (IEEE-MAS) has received an Appreciation Certificate from IEEE,USA & IEEE-Day-2021 event organizers team as a recognition for his enthusiasm and effort.

CSE| GUEST SPEAKER - BLOCKCHAIN TECHNOLOGY IN HEALTH CARE

Ms.N.Kousika, Assistant Professor, Department of **CSE** was invited as a guest speaker for AICTE-ISTE Sponsored six days program on "**Block Chain Technology in Health Care"** on the topic "**Block Chain in diabetes Data Management**" organized by the Department of ECE, K. Ramakrishna College of Engineering, Tiruchirapalli, on 31.12.2021.

K.RAMAKRISHNAN COLLEGE OF ENGINEERING
(Autonomous)
SAMAYAPURAM,TIRUCHIRAPALLI-621 112
Accredited with "A" Grade by NAAC
ISO 9001:2015 14001:2015certified Institution
Approved by AICTE,New Delhi and Permanently Affiliated to Anna University
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED)

Dr.M.Maheswari
HOD/ECE
DATE: 05.01.2022

To
Prof.N.Kousika,
Sri Krishna college of Engineering and Technology,
Coimbatore.

Dear Madam,

Sub: Appreciation for delivering the lecture-Reg.

On behalf of the Department of ECE, K. Ramakrishna College of Engineering, it was a great pleasure to host you as a resource person for the lecture in the topic **"Blockchain in diabetes Data Management"** on 31.12.2021 under AICTE-ISTE sponsored Induction/Refresher Program on 'Blockchain Technology in Healthcare'.

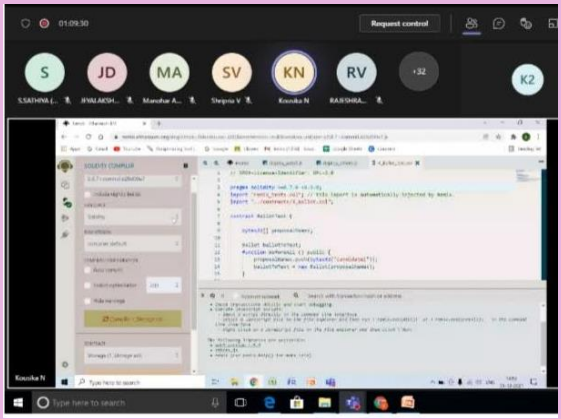
The feedback for the session was positive. The insights and experience you shared with the faculty members and PG students was really usefil and it helps us to improve the knowledge in the field of Blockchain.

We thank for your presence and we hope that this kindness and cooperation will remain in future also.

Thank you

with regards,

Dr.M.Maheswari



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CONFERENCE PRESENTATION

MCT| CONFERENCE PRESENTATION


SSN SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION, AFFILIATED TO ANNA UNIVERSITY)
Kalavakkam - 603 110.
Department of Mechanical Engineering
SECOND
INTERNATIONAL CONFERENCE ON ENGINEERING MATERIALS, METALLURGY AND MANUFACTURING (ICEMMM 2021)
CERTIFICATE
This is to certify that Dr. / Mr. / Ms. T. A. Selvan
has presented a paper titled Surface Roughness Assessments and Comparative Study of Inconel 625 and Inconel 718 Alloys after Micro Electrochemical Machining
in the SECOND INTERNATIONAL CONFERENCE ON ENGINEERING MATERIALS, METALLURGY AND MANUFACTURING (ICEMMM 2021) held at Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam 603110, Tamil Nadu, India on 16 and 17 December 2021
Dr.K.S.Vijay Sekar, Convener | Dr.S.R.Koteswara Rao, Head of the Department | Dr. V.E. Annamalai, Principal
ELSEVIER


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CERTIFICATE
This is to certify that Dr. / Mr. / Ms. T. A. Selvan
has presented a paper titled Electrochemical Machining of Aluminium 7075 alloy, Silicon Carbide, and Fly Ash Composites: An Experimental Investigation of the Effects of Variables on Material Removal Rate
in the SECOND INTERNATIONAL CONFERENCE ON ENGINEERING MATERIALS, METALLURGY AND MANUFACTURING (ICEMMM 2021) held at Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam 603110, Tamil Nadu, India on 16 and 17 December 2021
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ELSEVIER

Dr.T.A.Selvan, Professor , **MCT** has presented two papers entitled, **"Surface Roughness Assessments and Comparative Study of Inconel 625 and Inconel 718 Alloys after Micro Elecrochemical Machining"**, and **"Electrochemical machining of Aluminium 7075 alloy, Silicon carbide and Flyash Composites: An Experimental investigations of the Effects of Variables on Material removal rate"** in ICEMMM 2021 during 16th and 17th December 2021 organized by the Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering.

S&H| CONFERENCE PRESENTATION

Mr.Pandiyan K, Assistant Professor, **S&H** has successfully presented a paper titled **"Positive Solutions to Fractional Integrodifferential Boundary Value Problems at Resonance"** in the 8th International Conference on Mathematics and Computing (ICMC 2022) organized by VIT, Vellore from January 06-08, 2022.


8th International Conference on Mathematics and Computing (ICMC 2022)
IN ASSOCIATION WITH
CERTIFICATE OF
PRESENTATION
This is to certify that K PANDIYAN from Sri Krishna College of Engineering and Technology, Coimbatore, India has presented a paper titled POSITIVE SOLUTIONS TO FRACTIONAL INTEGRODIFFERENTIAL BOUNDARY VALUE PROBLEMS AT RESONANCE in 8th International Conference on Mathematics and Computing (ICMC 2022) organized by VIT, Vellore from January 06 - 08, 2022.
Dr. B Rushi Kumar, Organizing Chair | Dr. K. Karthikeyan, HoD, Mathematics | Dr.N.Arunai Nambi Raj, Dean, SAS
Springer
VIT