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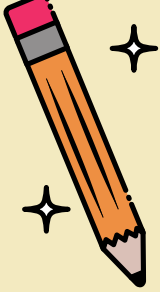


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DIGEST

2023

MAY

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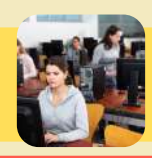
ACHIEVEMENTS

PLACEMENT



CIVIL

CSE



ECE



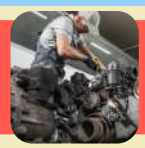
EEE



IT



MECHANICAL



MBA



S&H



SPORT

SPORTS

STUDENTS CORNER



May

2023

SKCT DIGEST



Sri Krishna College of Technology received an appreciation from IPR India for its active participation in the National Intellectual Property Awareness Mission. This recognition serves as a testament to the college's unwavering commitment to promoting and raising awareness about intellectual property rights among its esteemed Members of Faculty and diligent students. By actively engaging in such programs, the college exemplified its proactive approach towards fostering a culture of innovation, research, and safeguarding knowledge.



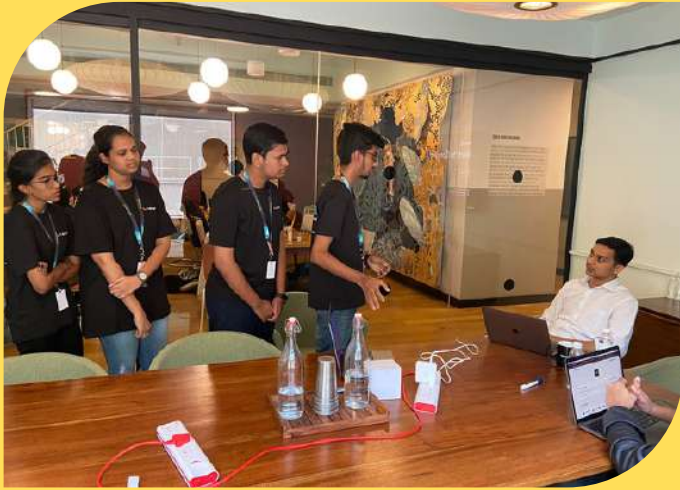
**INTELLECTUAL
PROPERTY INDIA**



May

SKCT DIGEST

2023



Mr Arun V S, Ms Harsita B, Ms Divya Rakshitha P and Mr Guhan J B, Students of II B.E. CSE were the finalists of "Warspeed Gen AI Hack" organized by lightspeed in association with Google Cloud, Microsoft, Replit, AWS, ETHIndia and Devfolio hosted at WeWork Galaxy, Bangalore. They have created a GAN AI model connecting APIs and provided the generative AI within the 24 hours of the hack and created a gen AI model with the title HIPPO GPT. They were the only team to enter into the finals by competing with various startups and IT geeks. They secured the 5th position under the Replit track and the track had a credit of \$750 for each team.



May

2023

SKCT DIGEST



Ms Pavanikha S N, Mr Naveen N, Ms Kavya S and Ms Aasha K, Students of I B.Tech. AI&DS and the members of the team named "Funtastic Four" won the Third Prize in the contest on "Crack-Hack" conducted by BIT, Sathyamangalam on 4th May 2023.



HACKATHON

Challenge Yourself & Support our State





Ms D Janani, Mr K Krithik Hari and Ms L Srisuganya, Students of I B.Tech. AI&DS and the members of the team named "TECH TRIO" won the First prize in a 3-hour Front-end development contest on "Creative Dev" conducted by BIT, Sathyamangalam on 4th May 2023.



Front End

- Markup and web languages such as HTML, CSS and Javascript
- Asynchronous requests and Ajax
- Specialized web editing software
- Image editing
- Accessibility
- Cross-browser issues
- Search engine optimisation



May

SKCT DIGEST

2023



Divya Rakshitha P, Student of II B.E. CSE, secured the prestigious "TOPPER" position in the NPTEL exam on "Programming In Java". This remarkable achievement reflects Divya Rakshitha's exceptional proficiency and dedication in mastering Java programming. We congratulate Divya Rakshitha for her outstanding accomplishment and wish her continued success in her academic journey.

NOC candidate profile



P.DIVYA RAKSHITHA
16.07.2021

DIVYA RAKSHITHA P

✉ 727821tucs045@skct.edu.in
📅 Oct 09 2002

NOC Exam results

Congrats! you are a topper in this course!

Elite

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






This certificate is awarded to
DIVYA RAKSHITHA P
for successfully completing the course

Programming In Java

with a consolidated score of **81** %

Online Assignments	24.75/25	Proctored Exam	56.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9357

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION
swayam
NPTEL ONLINE EDUCATION

Roll No: NPTEL23CS49523392632 To validate the certificate  No. of credits recon    

May

2023

SKCT DIGEST

Placement



Mr Ramachandran R and Ms Pooviga S, Students of IV B.E. CSE, got a placement offer in NAF with a lucrative package of 7.5 LPA. Their impressive achievements highlight their exceptional skills and capabilities in the field. We wish them continued success in their future endeavors.



Ms Lakshana R, Student of III B.E. EEE, got placed in AppviewX as a Solution Software Engineer, with the salary package of 7LPA. Her exceptional skills and knowledge have earned her this opportunity. We congratulate her on this remarkable achievement. Ms Lakshana R's placement offer highlights her dedication and hard work throughout her academic journey. We wish her the best in her future endeavors at AppviewX and beyond.

Mr. Sushanth S, Student of I B.E. ECE, successfully concluded his internship programme on "Advanced C and Introduction to Embedded Programming" at VAct Technologies, Coimbatore. From 14th March to 28th April 2023, he actively participated in the programme, acquired valuable industry exposure and enhanced his skills in the field of embedded programming.



May

2023

SKCT DIGEST



Dr V Sathish Kumar, Associate Professor and Mr G Jaya Kumar Assistant Professor, presented a paper titled "Numerical Investigation on Shear Behaviour of Cold Formed Steel Beam Exposed to elevated Temperature" in an International Conference on SMaRT 23 organised by PSG Institute of Technology and Applied Research, Coimbatore.



The Members of Faculty attended the Inauguration of National Technology Day Program 2023 facilitated by our Honorable Prime Minister Shri. Narendra Modi on 11 May 2023.



On 16th May 2023, the students of the first year took a pledge on "Lifestyle for the Environment" initiated by the Ministry of Environment, Forest and Climate Change. It reflects their commitment to adopting sustainable practices and promoting environmental conservation in their daily lives.



May

2023

SKCT DIGEST



The Members of Faculty took Pledge on "Lifestyle for the Environment by Ministry of Environment Forest and Climatic Change" on 16 May 2023.



May

2023

SKCT DIGEST CSE DEPARTMENT



Ms Subhashree, Student of second year, successfully completed her NPTEL course on "Blockchain and its Applications". The course is a 12-week programme which was conducted online from Jan - April 2023.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUBASHREE

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **56** %

Online Assignments	16.38/25	Proctored Exam	39.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1891

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS47543395574

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

NAVEEN RM

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **48** %

Online Assignments	18.19/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1891

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS47543395526

To validate the certificate



No. of credits recommended: 3 or 4

Mr R M Naveen, Student of second year, successfully completed his NPTEL course on "Blockchain and its Applications". The course is a 12-week programme which was conducted online from Jan - April 2023.

Ms K Mathupreetha, Student of second year, successfully completed her NPTEL course on "Data Science for Engineers". The course is a 8-week programme which was conducted online from Jan - March 2023.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MATHUPREETHA K

for successfully completing the course

Data Science for Engineers

with a consolidated score of **49** %

Online Assignments	18.71/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1992

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS17544372497

To validate the certificate



No. of credits recommended: 2 or 3



May

2023

SKCT DIGEST CSE DEPARTMENT



Ms M Kanishka, Student of first year, successfully completed her NPTEL course on "Enhancing Soft Skills and Personality". The course is an 8-week program which was conducted online from Feb- April 2023



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

This certificate is awarded to
M KANISHKA
for successfully completing the course

Enhancing Soft Skills and Personality
with a consolidated score of **51** %

Online Assignments	10.83/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 12752

Feb-Apr 2023
(8 week course)

Indian Institute of Technology Kanpur

Roll No: NPTEL23HS30513394169 To validate the certificate No. of credits recommended: 2 or 3



Ms P Divya, Assistant Professor, visited Coitor IT Tech for an Industry Collaboration. She had an interaction with Mr. Senthil, Manager, Coitor IT Tech, regarding the signing of MOU, industrial trainings and internship for students.



Mr P Nandha Kumar, Student of second year, completed his NPTEL course on "Data Science for Engineers" with Elite Ranking. The course is an 8-week programme which was conducted online from Jan - March 2023.



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

This certificate is awarded to
NANDHA KUMAR P
for successfully completing the course

Data Science for Engineers
with a consolidated score of **61** %

Online Assignments	23.04/25	Proctored Exam	38.14/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1992

Jan-Mar 2023
(8 week course)

Indian Institute of Technology Madras

Roll No: NPTEL23CS17544372570 To validate the certificate No. of credits recommended: 2 or 3



May

SKCT DIGEST

2023



Dr. R. Vidhya, Associate Professor and Head, published a book entitled "Fundamentals of Cloud Computing" in the month of May 2023.

ISBN: 978-93-5757-243-9

Publisher: Scientific International Publishing House



Dr. R. Vidhya, Associate Professor in the Department of Computer Science and Engineering at Sri Krishna College of Technology, Coimbatore received her Bachelor's degree in Electrical and Electronics Engineering from Bharathiar University and her Master's degree in Computer Technology from Anna University, Coimbatore. She has published research papers in various National and International Journals, Conferences and also published research articles in various National and International Journals.



Mr. Krishnamoorthy Palani is working as an Associate Professor in the Department of Computer Science and Engineering, Sri Krishna College of Technology, Coimbatore. He received his B.E. degree in Computer and Science Engineering with First Class from Anna University, Chennai and M.Tech. degree in Computer Science and Engineering with First Class from Anna University, Chennai. He has published research papers in various National and International Journals, Conferences and also published research articles in various National and International Journals.



Mr. Vasudeva Rao Addala received his M.Sc. Computer Science from Acharya Nagarjuna University and M.Tech in Computer Science & Technology from Anna University, Coimbatore. He has published research papers in various National and International Journals, Conferences and also published research articles in various National and International Journals.



Dr. G. Senthilkumar, working as a Professor in the Computer Science and Engineering Department, Sri Krishna College of Technology, Coimbatore. He received his B.E. degree in Computer Science and Engineering from Anna University, Coimbatore and M.Tech. degree in Computer Science and Engineering from Anna University, Coimbatore. He has published research papers in various National and International Journals, Conferences and also published research articles in various National and International Journals.



Chapter 10 Smart ATM With Tracking of Criminals Using Novel Di- Pattern and C-LDP (Combined Local Directional Pattern)

Jacobson Jeyabharath
Assistant Professor of Information Systems
Shriya Jeyabharath
Assistant Professor of Information Systems
Sathya Jeyabharath
Assistant Professor of Information Systems

ABSTRACT
The main objective of this research is to develop a smart system based on image processing that can detect and track the movement of criminals in a smart ATM. The system is designed to detect and track the movement of criminals in a smart ATM. The system is designed to detect and track the movement of criminals in a smart ATM. The system is designed to detect and track the movement of criminals in a smart ATM.



Dr D Jeyabharath, Assistant Professor, published a book chapter titled "Smart ATM with Tracking of Criminals Using Novel Di-Pattern and C-LDP (Combined Local Directional Pattern)" in the book "Handbook of Research on AI and Machine Learning Applications in Customer Support and Analytics," published by IGI in May 2023. This achievement showcases

Mr Santhosh B, Student of first year, actively participated in a paper presentation, held at Coimbatore Institute of Technology. His involvement in the event highlights his dedication to academic pursuits and his willingness to showcase his research and presentation skills.



May

2023

SKCT DIGEST CSE DEPARTMENT



The Department recently organized an Alumni Talk for the students, featuring Mr. Mathan Raja, a distinguished alumnus from the 2013 Batch. Mr. Mathan Raja, currently serving as a Senior Manager at Morgan Stanley in Bangalore, delivered an insightful talk on Industry Expectations.



The Department recently entered into a Memorandum of Understanding (MoU) with COITOR IT TECH, Coimbatore. As a part of this collaboration, a faculty interaction session was organized, allowing industry experts to engage with the faculty.



COURSE
CERTIFICATE

Kavitha Margret M

What is Data Science?



Ms. M. Kavitha Margret, Assistant Professor, has successfully completed the Coursera courses on "Blockchain Basics" and "Data Science."



COURSE
CERTIFICATE

Kavitha Margret M

Blockchain Basics



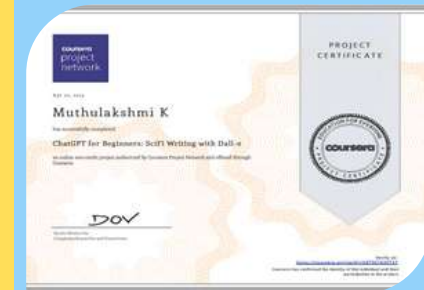
May

SKCT DIGEST

2023



Dr K Muthulakshmi, Professor, successfully completed various courses on an online non-credit course authorized by University of Michigan and offered through Coursera during the month of May 2023.



May

2023

SKCT DIGEST ECE



Dr M Thillai Rani, Associate Professor, Dr N Vijayalakshmi, Dr V Indu Nair, Dr S Prema, Dr N Manikanda Prabu, Ms Yamini Shanmugam and Ms B Priyanka, Assistant Professors, attended a Six-day STTP on "Advanced Materials for the Future" organized by the Department of Science and Humanities, SKCT during 8-13 May 2023.



Department of Science and Humanities
Six day Short Term Training Programme (STTP) on
"Advanced Materials for Future"





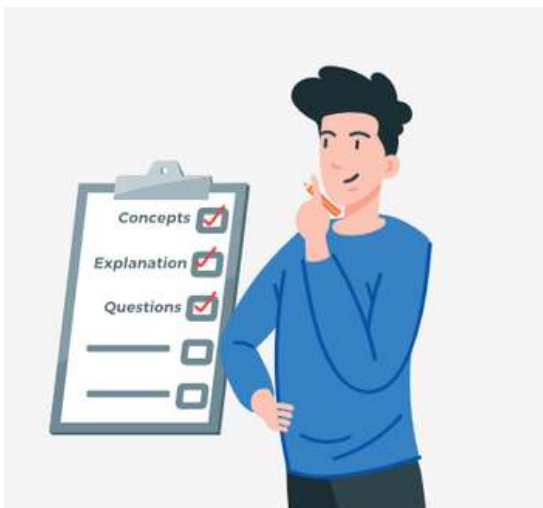
FACULTY DEVELOPMENT PROGRAMME

Dr. K. Muthulakshmi, Professor, Ms. B. Vidhya and Ms. N. Kirthika, Assistant Professor, Department of ECE, participated and successfully completed an 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education



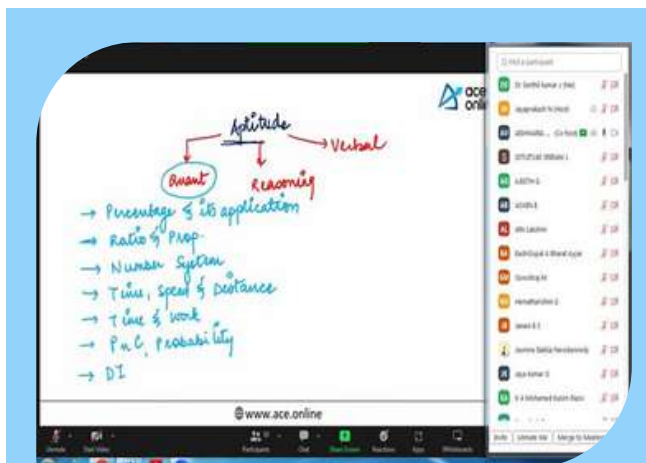
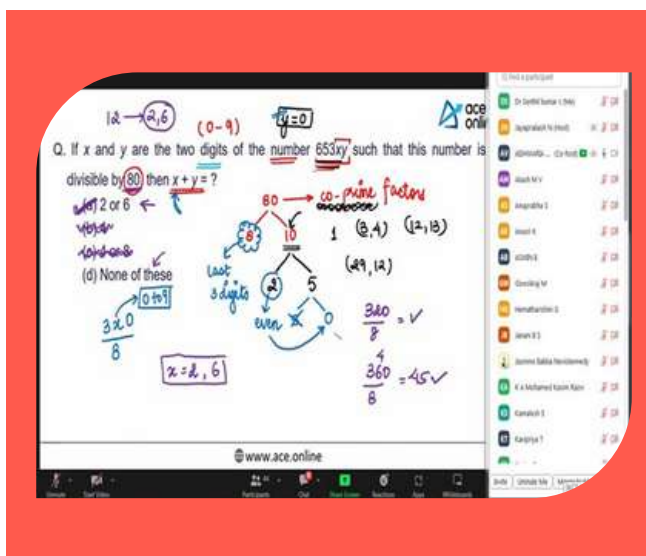
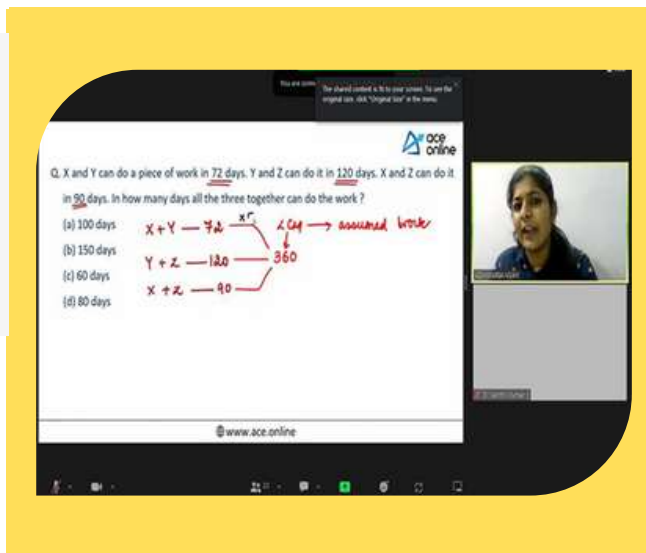


Quantitative Aptitude



WEBINAR

The Department and Higher Education Cell jointly organized a highly informative webinar on "Shortcuts for Aptitude Solving in Competitive Exams." The session was conducted by the esteemed resource person, Aishwarya Vijay, an experienced Aptitude Trainer from Career Guidance, ACE Engineering Academy, Hyderabad. The webinar, which was held on the 26th May 2023, was hosted in collaboration with the Institution's Innovation Council at Sri Krishna College of Technology, Coimbatore. It provided valuable insights and strategies to excel in aptitude tests for various competitive exams.



May

SKCT DIGEST ECE

2023



Dr S Prema, Assistant Professor, successfully completed various online courses through Coursera during the month of May 2023.



Mr. K. P. Rajesh, Assistant Professor, successfully completed various online courses through Coursera during the month of May 2023.



On 9th May 2023, Dr. V. Indu Nair and Dr. S. Prema, Assistant Professors, visited MAK Controls and Systems Private Limited, UNIT 2, Coimbatore. The purpose of their visit was to coordinate with industrial partners for the Industry-Academia Connect initiative. This collaborative effort aims to strengthen the bond between academia and industry.



May

2023

SKCT DIGEST ECE



Dr M Thillai Rani, Associate Professor, successfully completed the 12-week course on "Basic Electronics." This course, conducted online from January to April 2023, has equipped Dr. M Thillai Rani with a strong foundation in the fundamentals of electronics. Their achievement of securing the Elite+Silver rank in the course is a testament to their dedication, hard work, and expertise in the subject.

Ms. M Priyatharishini, Assistant Professor, successfully completed "Basic Electronics" course. This comprehensive 12-week program, conducted online from January to April 2023, has provided Ms. M Priyatharishini with a solid foundation in the principles of electronics. It is noteworthy that Ms M Priyatharishini achieved an Elite ranking, showcasing their exceptional dedication, diligence, and proficiency in the subject matter.



Dr. V. Indu Nair, Dr. S. Prema, Assistant Professor, had attended an online FDP on "Exploring Dynamics of National Education Policy 2020 with Reference to NAAC Perspectives" organized by Parul University, Gujarat.



May

2023

SKCT DIGEST ECE



Ms. Sowtharya S, a second-year student, has successfully completed the NPTEL Online Certification course on "Human Behaviour" conducted from February to April 2023. She has achieved the prestigious Elite + Gold certification for her outstanding performance.

Mr Shathees R, a second-year student, successfully completed the 12-week NPTEL Online Certification course on "Introduction to Internet of Things" during the period of January to April 2023. Through this course, he gained extensive knowledge and understanding of IoT technology.



Ms. Sowtharya S, a second-year student, has successfully completed the NPTEL Online Certification course on "Digital System Design." This 12-week course, conducted from January to April 2023, has equipped her with valuable knowledge and skills in designing digital systems.

Mr. Sai Ashyanth, a second-year student, has earned a prestigious certification for successfully completing the 12-week course on "Psychology of Stress, Health, and Well-being" offered through NPTEL. His exceptional performance in the course has been recognized with an Elite ranking.



May

2023

SKCT DIGEST ECE



Ms. Roopa Thangam R, Ms. Sandhya A, Ms. Swathi T S, Ms. S. Synthiya Evangeline, Mr. Sudharsan V.V, Ms. Yoga R, Ms. V. Vasundhra, and Ms. H. Thahrin, all second-year students, have been awarded certifications for successfully completing the 12-week course on "Psychology of Stress, Health, and Well-being" offered through NPTEL.



May

2023

SKCT DIGEST ECE



Ms. Yamini Shanmugam, Assistant Professor, has successfully completed a course on "Positive Psychology: Martin E.P. Seligman's Visionary Science" through online mode authorized by University of Pennsylvania offered through COURSERA on 8 May 2023.

Dr. S. Prema, Assistant Professor, for successfully completing the courses on "Emotional Intelligence, Soft Skills, and Communication Circuits Experiments" through Mind Luster on 11 May 2023. This certification highlights Dr. S. Prema's commitment to personal and professional development in the areas of emotional intelligence, soft skills, and communication circuits.



May

SKCT DIGEST ECE

2023



Mr. A. Levin, Mr. S. Pratheep, Mr. S. Pavish and Mr. B. Ramkumar, Students of final year, presented a paper titled "Smart Helmet for Vehicles Using IoT for Accident Avoidance" in the 2nd International conference on Applied Artificial Intelligence and Computing (ICAAIC 2023) at Narasu's Sarathy Institute of Technology, Salem, India.



May

SKCT DIGEST ECE

2023



Dr K Muthulakshmi, Professor, successfully completed multiple online courses offered through Coursera and Mind Luster during the month of May 2023. Dr. Muthulakshmi's commitment to continuous learning and professional development is truly commendable. We applaud her dedication and perseverance in enhancing her knowledge and skills in various domains.



May

2023

SKCT DIGEST ECE



6 Courses

May 7, 2023

Muthulakshmi K
has successfully completed the online, non-credit Specialization

Robotic Process Automation (RPA)

The Robotic Process Automation (RPA) specialization offers comprehensive knowledge and professional-level skills focused on developing and deploying software robots. It starts with the basic concepts of Robotic Process Automation. It builds on these concepts and introduces key RPA Design and Development strategies and methodologies specifically in the context of UiPath products. A student undergoing the course shall develop the competence to design and develop automation solutions for a defined process.

Verify this certificate at: <https://coursera.org/specializations/rpa>

3 Courses

May 7, 2023

Muthulakshmi K
has successfully completed the online, non-credit Specialization

Cybersecurity Leadership and Management

In this Specialization, learners were introduced to cybersecurity leadership and management. Drawing on industry standards, frameworks and models, they completed a practical understanding of the key objective elements of cybersecurity leadership. Congratulations!

Verify this certificate at: <https://coursera.org/specializations/infosec>

Dr. K. Muthulakshmi, Professor, Department of ECE, successfully completed various online non-credit courses authorized by University of Michigan and offered through Coursera during the month of May 2023.

5 Courses

May 6, 2023

Muthulakshmi K
has successfully completed the online, non-credit Specialization

The Engineering of Structures Around Us

You have studied engineering principles that can be applied to structural systems everywhere: in nature, in furniture, in mechanical and aerospace systems, and in any solid object that resists a load. More specifically, you have: Learned about funicular forms and how ropes and cables resist tension; Discussed how columns, arches, and arch-like forms resist compression; Discovered how trusses, beams and walls resist loads; Sketched the flow of forces through structures; Compared and contrasted different structural forms and systems to answer a range of questions such as: Why might an engineer choose a beam over a truss? How do the dimensions of a structure affect its response? How do engineers choose forms and systems to create structures that are both elegant and functional?

Verify this certificate at: <https://coursera.org/specializations/structures>

3 Courses

May 7, 2023

Muthulakshmi K
has successfully completed the online, non-credit Specialization

Splunk Search Expert

This specialization teaches you how to search and navigate in Splunk. It will show you how to get started using your machine data to provide actionable reports and dashboards for your organization.

Verify this certificate at: <https://coursera.org/specializations/splunk>



May 7

SKCT DIGEST EEE

2023



The Department organized a SERB Sponsored Five-day workshop on "Cyber security for Operational Technology" during 24-28 April 23.



Day 1 FN

Resource Person - Dr. M. Sethumadhavan,
Head - Cybersecurity, Professor, Amrita
University, Coimbatore.

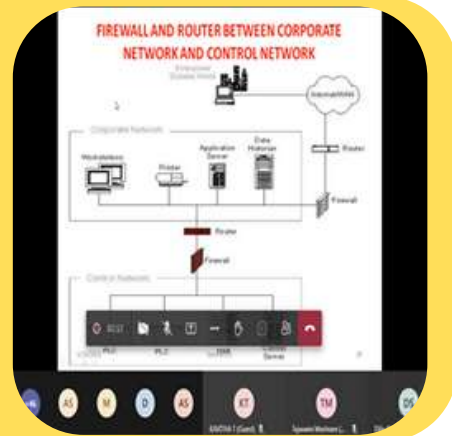
Title: Introduction to Cybersecurity and
Cyber Physical Systems



Day 1 AN

Resource Person - Dr Vijayachitra S,
Professor, Department of EIE
Kongu Engineering College, Perundurai.

Topic: Secured Industrial Control
System



May

SKCT DIGEST EEE

2023



The Department organized a SERB Sponsored Five-day workshop on "Cyber security for Operational Technology" during 24-28 April 23.



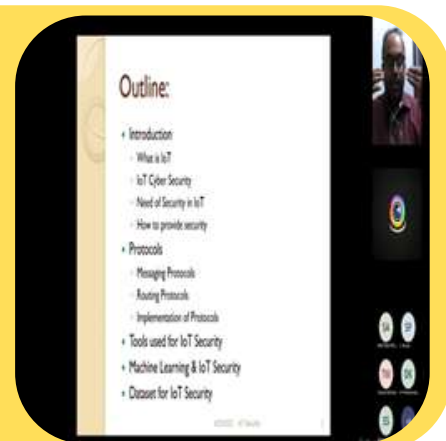
Day 2 FN

Resource Person - Mr Saravanaprakash,
Software Architect, Bosch Global Software
Technologies, Coimbatore
Topic: Introduction to Cybersecurity in
Automotive Systems



Day 2 AN

Resource Person - Dr Krishnaraj
Natarajan,
Assistant Professor, VIT University
Vellore.
Topic: Security on Internet of Things



May

2023

SKCT DIGEST EEE



The Department organized a SERB Sponsored Five-day workshop on "Cyber security for Operational Technology" during 24-28 April 23.

Day 3

Resource Person - Mr Chandran Subramaniam,

CEO, Cyber fort Digi sec Solution Private Ltd. Chennai

Topic: The Role of CSOC in Cybersecurity Threat Management

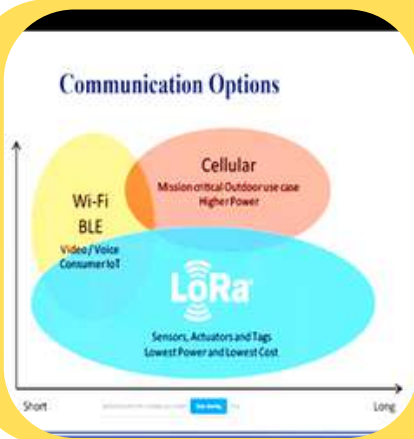


Day 4

Resource Person - Dr K Subramaniam, Technical Lead,

Enthu Technology Limited, Coimbatore.

Topic: Real Time IoT and Embedded Systems



May

SKCT DIGEST EEE

2023



The Department organized a SERB Sponsored Five-day workshop on "Cyber security for Operational Technology" during 24-28 April 23.

Day 5 FN

Resource Person - Mr Chandran
Subramaniam,
CEO, Cyber fort Digi sec Solution Private
Ltd. Chennai

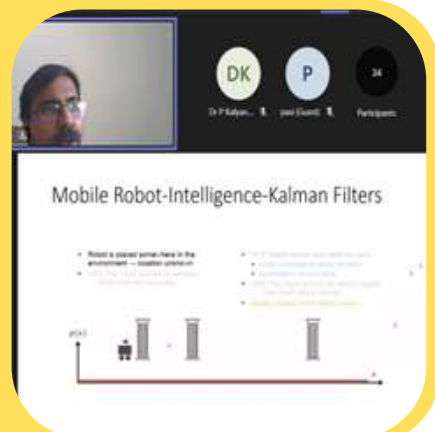
Topic: The Role of CSOC in Cybersecurity
Threat Management



Day 5 AN

Resource Person - Dr Ramkumar K,
Professor, School of EEE, Sastra Deemed
University, Thanjavur.

Topic: Opportunities in Cyber Physical
Systems



May

2023

SKCT DIGEST EEE



Chapter 6 - Blockchain-based green energy for smart cities

Senthil Kumar Ramu, S. Saravanan, S. Surya, S. Sai Krishnan, L. Sofiya, J. Suba Geetha

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<https://doi.org/10.1016/B978-0-323-95407-3.00027-7>

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Abstract

Energy Internet has emerged as a critical problem in the integrating of renewable energy such as solar, wind, and hydropower in smart cities. As a result, there are several varieties of sustainable energy and stakeholders, the system is enormously intricate, and certain basic issues, such as the management and administration of distributed sustainable energy aspects, are tough to achieve. Many of the issues that inhibit the Energy Internet's growth can be solved by applying the blockchain. This chapter provides an overview of the progression of blockchain as well as the Energy Internet, and some resources on the potential applications of blockchain inside the Energy Internet. To begin, a detailed explanation of the description and properties of blockchain and Energy Internet is provided. Second, the two's compatibility is examined. Following that, numerous blockchain application possibilities in Energy Internet are presented. Lastly, the difficulties that remain when adapting existing blockchain to smart cities are discussed.

Mr S Surya, Mr S Sai Krishnan, Ms L Sofiya and Ms J Suba Geetha, Students of Third Year, published a book chapter titled "Blockchain-based Green Energy for Smart Cities." Their contribution explores the potential of blockchain technology in facilitating sustainable and efficient energy systems in urban environments. The chapter discusses the benefits, challenges, and future prospects of integrating blockchain with green energy solutions for creating smarter and more eco-friendly cities.

Ms Tejuaswene R, Student of First Year, participated in the E-INNOVATE paper presentation event organized by the IEEE Student Branch at KCT, Coimbatore. It is commendable that Ms Tejuaswene R took the opportunity to present a paper, showcasing her research and presentation skills. Her active participation in such event reflects her enthusiasm for innovation and her commitment to academic and technical excellence.



The students actively participated in the "MIC Driven Activity: National Technology Week Inaugural Address of Hon'ble Prime Minister of India". Their involvement in this event signifies their enthusiasm for technological advancements and their eagerness to engage with the national discourse on technology. Their participation demonstrates their dedication to staying informed about the latest developments and their commitment to contributing to the growth and progress of the nation.



May

2023

SKCT DIGEST EEE



A Methodology for Energy Management System Using Bidirectional DC-DC Converter Topology

Publisher: IEEE [Cite This](#) [PDF](#)

R. Senthilkumar, S. Indu, P. Leninpugalthanthi, M. Daniel, A. Ifan Bhadratha, T. Kevin Sundar, All Authors

Abstract

In today's scenario day by day carbon foot print is increasing which leads to global warming. Thus, the usage of renewable energy must be improved. This project proposes a method which provides solution by combining two renewable resources such as solar and wind energy. Instead of depending upon grid supply. This prototype model works using bidirectional dc-dc converter topology. The NodeMCU board which is interrelated with voltage sensor used for monitoring the charging of Electrical vehicle (EV). Automatic as well as manual control of charging the EV. This makes energy management easy by protecting the overcharging of EV and reducing the dependency of grid supply.

Document Sections

- INTRODUCTION
- LITERATURE SURVEY
- BLOCK DIAGRAM
- PROPOSED SYSTEM
- COMPONENTS USED

Published in: 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)

Date of Conference: 17-18 March 2023 **INSPEC Accession Number:** 23040421

Date Added to IEEE Xplore: 05 May 2023 **DOI:** 10.1109/ICACCS57279.2023.10112792

Authors: R. Senthilkumar, S. Indu, P. Leninpugalthanthi, M. Daniel, A. Ifan Bhadratha, T. Kevin Sundar

► ISSN Information: **Publisher:** IEEE

► ISSN Information: **Conference Location:** Coimbatore, India

Dr. R. Senthilkumar and Mr. P. Lenin Pugalthanthi, Assistant Professors along with the students of final year, collaborated on a research project resulting in a published paper titled "A Methodology for Energy Management System using Bidirectional DC-DC Converter Topology." Their work focuses on developing a novel approach for efficient energy management through the implementation of a bidirectional DC-DC converter topology.

Mr Vashishsdh T R, Student of first year, enthusiastically participated in the prestigious E Summit 2023 organized by the Entrepreneurship Cell of IIT Madras. The event served as a melting pot of entrepreneurial minds, offering a plethora of engaging sessions, panel discussions, and workshops on various aspects of entrepreneurship.



Mr Dyanesh S, Student of second year, showcased his expertise and dedication as a senior Ninja while completing an internship as a Software Developer Engineer with Coding Ninjas Program in Gurugram, Delhi NCR. From September 22 to May 23, Mr Dyanesh actively contributed to the program, honing his programming skills and gaining hands-on experience in the field.



May

2023

SKCT DIGEST EEE



Mr T Bharani Prakash, Assistant Professor, participated in a six-day Short Term Training Programme (STTP) on "Advanced Materials for Future" from 8th to 13th May 2023. Such training programs provide valuable opportunities for professionals to enhance their knowledge and keep up with the latest advancements in their field.

Dr Lijo Jacob Varghese, Professor and Head, served as a resource person for the six-day STTP programme on 13th May 2023. As a resource person, Dr Lijo Jacob Varghese likely shared his expertise, knowledge, and insights with the participants of the programme. This highlights Dr Lijo Jacob Varghese's recognition and expertise in the field, as well as his willingness to contribute to the development and learning of other professionals.



Dr K Vishnumoorthy, Mr Leninpugalhanthi P and Dr Dilipkumar S, Assistant Professors, participated in the IPR (Intellectual Property Rights) Awareness Training Program under the National Intellectual Property Administration and Management (NIPAM) on 23rd May 2023.



May

2023

SKCT DIGEST

INFORMATION TECHNOLOGY

Mr S Sudharsan, Student of Third Year, received the certificate of appreciation on completion of the Artificial Intelligence Foundation course provided by WIPRO. This noteworthy accomplishment showcases Mr. Sudharsan's commitment to expanding his knowledge and expertise in the field of artificial intelligence. By finishing this course, he has acquired a strong foundation in AI concepts and principles, demonstrating his proactive approach to learning and his dedication to staying updated with the latest advancements.



Mr S Sudharsan, Student of This year, completed a course on Cybersecurity Foundation offered by WIPRO. This accomplishment highlights Mr. S Sudharsan's commitment to enhancing his knowledge and skills in the field of cybersecurity. By completing this course, he has gained a strong foundation in cybersecurity concepts and practices. This achievement will undoubtedly contribute to his academic and professional growth.

Mr B Santhosh, Student of First Year,, presented his paper in an event held at Coimbatore Institute of Technology. It is commendable that Mr B Santhosh took the initiative to present a paper, showcasing his research and presentation skills. His active participation in such academic events reflects their dedication to scholarly pursuits and their commitment to acquiring knowledge beyond the classroom.



May

2023

SKCT DIGEST

MECHANICAL



StartupTN

TANSEED 5.0
TANSIM's Tamil Nadu Startup Seed Grant Fund Program
Powered by @Government of Tamil Nadu

Startup Pitch Deck

Company Name : THRIVE (Incubated with Krishna Incubation Foundation)
Industry Sector : Manufacturing
Project Name : Contactless Card (Etransit) System for Smart Transportation

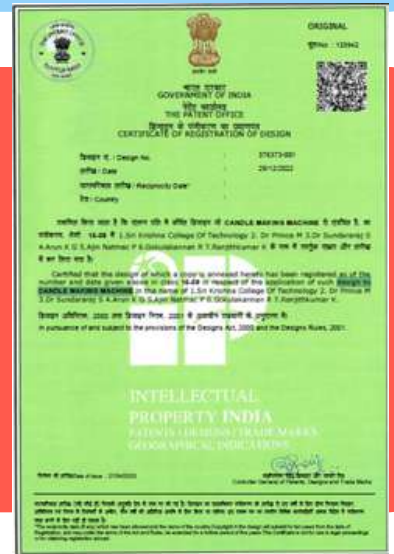
Presenter : Dr.R.Sivakumar, Professor, Department of Mechanical Sri Krishna College of Technology, Coimbatore.

Venue : PSG-STEP, Coimbatore
Mode : Online



Dr. R. Sivakumar, Professor, presented the project proposal titled "ETransit system for Smart Transportation" in the TANSEED 5.0 (Tamil Nadu Seed Grant Fund 5.0) program. It is a significant accomplishment that his project proposal has been selected for the pitching round, which is the first step in the scrutiny process by the TANSEED 5.0 scrutiny team.

Dr. Sundararaj S., Professor, published his design patent for the design of a Candle Making Machine. This achievement showcases his innovative design skills and contribution to the field of mechanical engineering. The design patent is a testament to his creativity and expertise in developing new and efficient solutions in candle making technology. We commend Dr. Sundararaj S for his valuable contribution and look forward to seeing the impact of his design in the industry.



AMRITA
YOGA VIDYALAYAM

First International Conference on
Advancements in Materials, Manufacturing and Automation
Dynamis Engineering Academy
Engineering, Chennai

AMMA-2023

Certificate of Participation

PRESENTED TO
Dr. R. Sivakumar, Sri Krishna College of Technology, Coimbatore

For presenting a paper titled **Experimental Investigation of Mechanical Properties of Areca, Mulberry Reinforced Polymer Composites and Stress Analysis Spur Gear using ABAQUS**
at the First International Conference on Advancements in Materials, Manufacturing and Automation (AMMA-2023)
held during 7-8 April 2023, organized by Department of Mechanical Engineering,
Amrita School of Engineering, Chennai, Tamil Nadu, India.

Dr. Abhishek Jha
Organizing Secretary

Dr. M. Sathishkumar
Organizing Secretary

Dr. V. Jayakumar
Convener, AMMA-2023 &
Principal, ASE Chennai

Dr. R. Sivakumar, Professor, presented his paper at the first International Conference on Advancement in Materials, Manufacturing, and Automation (AMMA 2023). This conference provided a platform for researchers and professionals to share their insights and innovations in the field. Dr. R. Sivakumar's paper presentation demonstrated his expertise and contribution to the advancement of materials, manufacturing, and automation.



May

2023

SKCT DIGEST

MECHANICAL



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AYYALU B
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	23.08/25	Proctored Exam	37/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 12752

Ratish
Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2023
(8 week course)

Satyaki
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur



Roll No: NPTEL23H530523392866

To validate the certificate



No. of credits recommended: 2 or 3

Mr B Ayyalu, Student of Third Year, successfully completed the NPTEL course on "Enhancing Soft Skills and Personality" with elite ranking. It is an 8-week programme conducted through online mode.

Mr P Aswin Vikram, Student of Third year, successfully completed the NPTEL course on "Enhancing Soft Skills and Personality" with elite ranking. It is an 8-week programme conducted through online mode.



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ASWIN VIKRAM P
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	23.21/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 12752

Ratish
Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2023
(8 week course)

Satyaki
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur



Roll No: NPTEL23H530523392866

To validate the certificate



No. of credits recommended: 2 or 3

Mr P Aswin Vikram, Student of Third year, successfully completed the NPTEL course on "Enhancing Soft Skills and Personality" with elite ranking. It is an 8-week programme conducted through online mode.

Research Article

Investigation on the Mechanical Properties of Powder Metallurgy-Manufactured AA7178/ZrSiO₄ Nanocomposites

R. Srinivasan,¹ S. Karanakaran,² M. Hariprasad,³ R. Arunabhakarath,⁴ S. Suresh,⁵ S. Nandhakumar,⁶ S. K. B. Akhanna,⁷ S. Mayakannan,⁸ and Mani Jayakumar⁹

- ¹ Sri Sathya College of Technology, Coimbatore, Tamil Nadu, India
- ² Department of Chemical Engineering, JKM Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India
- ³ Department of Electrical and Electronics Engineering, SR Kandaswamy College of Engineering, Kaveri, Tamil Nadu, India
- ⁴ Department of Mechanical Engineering, Sri Sathya College of Engineering and Technology, Coimbatore, Tamil Nadu, India
- ⁵ Department of Chemistry, Sri Sathya Engineering College, Arcot, Tamil Nadu, India
- ⁶ Department of Mechanical Engineering, PPG Institute of Technology and Applied Research Institute, Coimbatore, Tamil Nadu, India
- ⁷ Department of Electronics and Communication Engineering, Kanya Lakshmana Education Foundation, Coimbatore, Tamil Nadu, India
- ⁸ Department of Mechanical Engineering, Vidya Vikas College of Engineering and Technology, Chittoor, Tamil Nadu, India
- ⁹ Department of Chemical Engineering, Government Institute of Technology, Srirangapatna, P.O. No. 106, Hosa, Mysore, Karnataka, India

Correspondence should be addressed to Mani Jayakumar; manijayakumar@ppg.ac.in

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Academic Editor: V. Umapathi

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Dr R Srinivasan, Professor, published an article on Investigation on the Mechanical Properties of Powder Metallurgy-Manufactured AA7178/ZrSiO₄ Nanocomposites in Advances in Materials Science and Engineering. This publication will not only contribute to the existing body of knowledge in the field but also serves as a valuable resource for other researchers and scholars interested in nanocomposite materials and their mechanical properties.



May

2023

SKCT DIGEST

MECHANICAL



SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
Approved by AICTE | Affiliated to Anna University
Accredited by NAAC with 'A' Grade
Kovalpudur, Coimbatore - 641042
www.skct.edu.in
0422 2984567



Department of Mechanical Engineering
(Accredited by NBA)

&



(A Govt. of India Initiative)

Cordially Invite all to the Seminar on
Intellectual Property Rights and its Importance

Ms. RAJITHA T.R
Indian Patent Agent (INPA: 4913)
Patent Consultant
NIPAM-TIFAC Coordinator



Speaker Profile

- Ms. Rajitha holds BE(BioTech) from Sir M.Visvesvaraya Institute of Technology.
- Gold medallist for consistent distinction throughout all semesters in Bachelor of Engineering, Biotechnology (SIR MVIT).
- Registered Patent Agent (IN/PA: 4913) at Indian Patent Office, Ministry of Commerce & Industry, Government of India.
- IP Facilitator for StartUps & MSMEs under IP Mitra (SIPP) Scheme of Indian Patent Office, Ministry of Commerce & Industry, Government of India.
- Authored various articles for IP blogs.



ES Seminar Hall



23.05.2023



10.30 AM



The Department in collaboration with IIC and NIPAM (A Govt. of India Initiative), organized a seminar on "Intellectual Property Rights and its Importance." Ms Rajitha T R, an Indian Patent Agent (INPA: 4913) and Patent Consultant, served as the resource person and shared valuable insights on patent laws and intellectual property. The seminar aimed to raise awareness among participants about the significance of intellectual property rights across various domains.



May

2023

SKCT DIGEST

MECHANICAL



Dr. P. Prathap, Professor and Head, Dr. V. S. Sreenivasan and Dr. S. Sundararaj, Professors, coordinated in conducting the "Intellectual Property Awareness Programme under National Intellectual Property Awareness Mission". Dr. P. Sakthivel, Dr. R. B. Jeen Robert, Professor, Dr. V. Varatharajulu, Dr. P. Harihara Sakthi Sudhan, Dr. R. Sivakumar, Associate Professor and Dr. P. Arivalagan, Assistant Professor, participated in the programme.



May

2023

SKCT DIGEST

MECHANICAL



Mr. Adarsh Ajayan, Assistant Professor, successfully completed the NPTEL course on "Introduction to Machine Learning". It is a 12-week programme conducted through online mode.

Dr. V. S. Sreenivasan, Professor, completed the NPTEL course on "Manufacturing Process Technology I & II" with elite ranking. It is a 12-week programme conducted through online mode.



Dr. R. Srinivasan, Professor, completed the NPTEL course on "Investment Management" with Elite ranking. It is a 8-week programme conducted through online mode.

Dr. R Sivakumar, Professor and Dr. P. Hariharasakthisudhan, Associate Professor recently held a productive discussion with Mr. Sundararaj, CEO of Visma Engineering in Kaniyur, Coimbatore. The meeting, held at the Visma Engineering headquarters, aimed to foster collaboration between academia and industry.



May

2023

SKCT DIGEST

MECHANICAL



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ARAVINDKUMAR N

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **67** %

Online Assignments **22.41/25** Proctored Exam **45/75**

Total number of candidates certified in this course: **914**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01553392837

To validate the certificate



No. of credits recommended: 3 or 4



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
A S MANIRATHNAM

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **71** %

Online Assignments **23.1/25** Proctored Exam **48/75**

Total number of candidates certified in this course: **914**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01553392137

To validate the certificate



No. of credits recommended: 3 or 4



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
R SRINIVASAN

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **76** %

Online Assignments **23.75/25** Proctored Exam **52.5/75**

Total number of candidates certified in this course: **914**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01553392862

To validate the certificate



No. of credits recommended: 3 or 4

Dr R Srinivasan, Professor, Mr N Aravindkumar, Mr A S Manirathnam, Mr P Arun Karthick and Mr S Ram Kumar, Assistant Professors, completed the NPTEL course on "NBA Accreditation and Teaching and Learning in Engineering (NATE)" with elite ranking. It is a 12-week programme conducted through online mode.



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ARUN KARTHICK P

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **70** %

Online Assignments **22.28/25** Proctored Exam **47.25/75**

Total number of candidates certified in this course: **914**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01553393172

To validate the certificate



No. of credits recommended: 3 or 4



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAM KUMAR S

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **76** %

Online Assignments **23.41/25** Proctored Exam **52.5/75**

Total number of candidates certified in this course: **914**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01553392913

To validate the certificate



No. of credits recommended: 3 or 4



May

2023

SKCT DIGEST



MECHANICAL



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
JEEN ROBERT R B
for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **67** %

Online Assignments	20/25	Proctored Exam	46.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **361**

Bm
Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Prati Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee



Roll No: NPTEL23ME44553394312

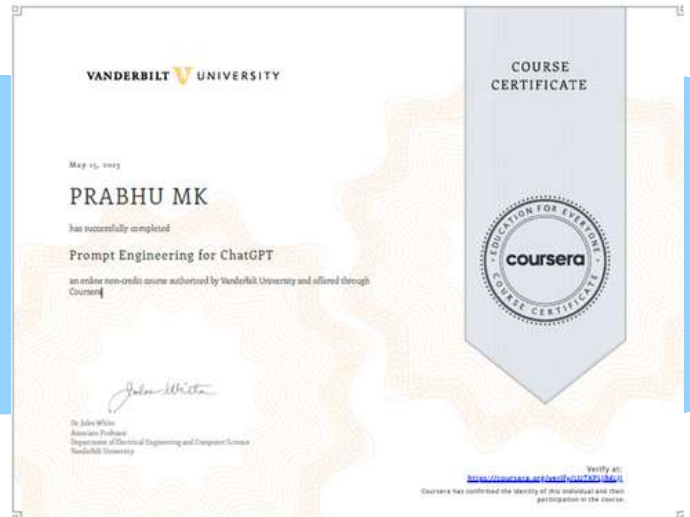
To validate the certificate



No. of credits recommended: 2 or 3

Dr Jeen Robert, Professor, completed the NPTEL course on "Manufacturing Guidelines for Product Design" with elite ranking. It is a 8-week programme conducted through online mode.

Mr MK Prabhu, Assistant Professor, has successfully completed "Prompt Engineering for ChatGPT" an online non-credit course authorized by Vanderbilt University and offered through Coursera



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
P ARIVALAGAN
for successfully completing the course

Introduction to Abrasive Machining and Finishing Processes

with a consolidated score of **54** %

Online Assignments	20.83/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **163**

Bharath
Dr. Bharath Kumar
Chairman, Centre for Continuing Education
IIT Tirupati

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Tirupati



Roll No: NPTEL23ME21544373596

To validate the certificate



No. of credits recommended: 2 or 3

Dr P Arivalagan, Assistant Professor, Department of Mechanical Engineering, completed the course Introduction to Abrasive Machining and Finishing Processes through NPTEL.



May

2023

SKCT DIGEST

MECHANICAL



Certification of Attendance

This is certify that **K.S.Ragul** of Assistant Professor and M.E, Department of Mechanical Engineering, Sri Krishna College of Technology, is a Presenter / Co-Author of the paper titled **Material analysis & Design optimization of ventilated disc brake** Presented in 2nd International Conference on Advanced Materials, Modern Manufacturing and Computerized Automation (ICAMMCA-2023) on 10th may 2023, organized by the Department of Mechanical Engineering of JCT College of Engineering and Technology, Coimbatore, India.

Co-ordinator
Dr.J.J.Isaac Premkumar

Co-ordinator
Dr.M.Vijayakumar

Co-ordinator
Prof.M.Prabhu

Convener
Dr.G.Mahesh

Patron
Dr.S.Manoharan

Mr K S Raghul, Assistant Professor, presented a paper titled "Material Analysis & Design Optimization of Ventilated Disc Brake" at ICAMMCA 2023 (International Conference on Advances in Materials, Manufacturing, and Computational Analysis) held at JCT College of Engineering and Technology.



Certification of Attendance

This is certify that **P.Sivaraman** of Assistant Professor, Department of Mechanical Engineering, Sri Krishna College of Technology, Coimbatore is a Presenter / Co-Author of the paper titled **DESIGN AND ANALYSIS OF FRONT AXLE OF HEAVY COMMERCIAL VEHICLE** Presented in 2nd International Conference on Advanced Materials, Modern Manufacturing and Computerized Automation (ICAMMCA-2023) on 10th may 2023, organized by the Department of Mechanical Engineering of JCT College of Engineering and Technology, Coimbatore, India.

Co-ordinator
Dr.J.J.Isaac Premkumar

Co-ordinator
Dr.M.Vijayakumar

Co-ordinator
Prof.M.Prabhu

Convener
Dr.G.Mahesh

Patron
Dr.S.Manoharan

Mr P Sivaraman, Assistant Professor, presented a paper titled "Design and Analysis of Front Axle of Axle of Heavy Commercial Vehicle" at ICAMMCA 2023 (International Conference on Advances in Materials, Manufacturing, and Computational Analysis) held at JCT College of Engineering and Technology.



Certification of Attendance

This is certify that **Dr. P. SAKTHIVEL** of Associate Professor, Department of Mechanical Engineering, Sri Krishna College Technology, is a Presenter / Co-Author of the paper titled **TO ANALYSE STRENGTH PROPERTIES OF THE KNUCKLEJOINT WITH DIFFERENT MATERIALS** Presented in 2nd International Conference on Advanced Materials, Modern Manufacturing and Computerized Automation (ICAMMCA-2023) on 10th may 2023, organized by the Department of Mechanical Engineering of JCT College of Engineering and Technology, Coimbatore, India.

Co-ordinator
Dr.J.J.Isaac Premkumar

Co-ordinator
Dr.M.Vijayakumar

Co-ordinator
Prof.M.Prabhu

Convener
Dr.G.Mahesh

Patron
Dr.S.Manoharan

Dr P Sakthivel, Professor, presented a paper titled "To Analyse Strength Properties of the Knuckle joint With Different Materials" at ICAMMCA 2023 (International Conference on Advances in Materials, Manufacturing, and Computational Analysis) held at JCT College of Engineering and Technology.



May

2023

SKCT DIGEST

MECHANICAL



Dr V S Sreenivasan, Associate Professor, attended the 7th Anniversary celebrations of the Quality Circle Forum of India (QCFI) - Coimbatore chapter, held at COINDIA Hall, Coimbatore. This event celebrated the achievements and contributions of QCFI in promoting quality circles and fostering a culture of continuous improvement. Dr V S Sreenivasan's attendance at the event demonstrates his support for quality initiatives and his commitment to promoting excellence in various domains.

Dr R B Jeen Robert, Professor, completed the non-credit online project "FEM - Linear, Nonlinear Analysis & Post-Processing" offered by Coursera Project Network. This accomplishment showcases Dr. Robert's dedication to continuous learning and professional development in the field of Finite Element Method (FEM). By completing the project, Dr. Robert has gained valuable knowledge and skills in linear and nonlinear analysis, as well as post-processing techniques.



Dr. R. Sivakumar, Professor, presented his paper at the first International Conference on Advancement in Materials, Manufacturing, and Automation (AMMA 2023). This conference provided a platform for researchers and professionals to share their insights and innovations in the field. Dr. R. Sivakumar's paper presentation demonstrates his expertise and contribution to the advancement of materials, manufacturing, and automation.

May

2023

SKCT DIGEST

MECHANICAL



Dr S Sundararaj, Professor, made a significant contribution as the resource person during a six-day Short Term Training Programme titled "Advanced Materials for the Future." His expertise was showcased through a presentation focused on "Lightweight Materials for Car Body Development." Through this presentation, Dr Sundararaj shared his valuable insights on material selection, manufacturing processes, and the advantages of using lightweight materials in the automotive industry.

Mr Senthil Kumar K, Assistant Professor, completed the online non-credit course on "Cyber Security in Manufacturing." This course was authorized by the University at Buffalo, The State University of New York, and offered through Coursera. Successful completion of the "Cyber Security in Manufacturing" course demonstrates his commitment to continuous learning and his determination to stay at the forefront of their field.



Dr. R. Sivakumar, Professor, presented his paper at the first International Conference on Advancement in Materials, Manufacturing, and Automation (AMMA 2023). This conference provided a platform for researchers and professionals to share their insights and innovations in the field. Dr. R. Sivakumar's paper presentation demonstrates his expertise and contribution to the advancement of materials, manufacturing, and automation.



May

2023

SKCT DIGEST

MECHANICAL



Dr R Sivakumar, Professor, and Dr V S Sreenivasan, Associate Professor, attended a two-day hands-on training on "IoT and Automation" conducted at PSG Institute of Information Technology and Applied Research, Coimbatore. This training programme provided him with practical knowledge and skills in the field of Internet of Things (IoT) and automation.

Dr S Arivazhagan, Assistant Professor, participated in a one-week Short Term Course titled "Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023)." This course, conducted in a hybrid mode, provided valuable insights into the latest advancements and trends in the field of thermo-fluids and energy systems.



Mr Sivaraman P, Assistant Professor, completed an online non-credit course on "Grammar and Punctuation." This course, authorized by the University of California and offered through Coursera, has equipped Mr Sivaraman P with valuable knowledge and skills in the field of english and literature writing expertise in this area will greatly contribute to his teaching and research endeavors.

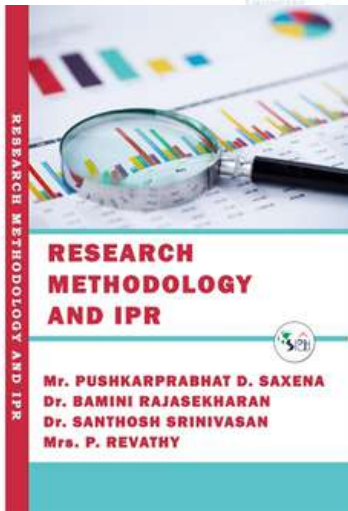


May

2023

SKCT DIGEST

MECHANICAL



Dr S Santhosh, Associate Professor, published a book titled "Research Methodology and IPR". This significant achievement showcases his expertise and contribution to the field of research methodology and intellectual property rights. Published by Scientific International Publication house, the book will serve as a valuable resource for researchers, academicians, and professionals



Dr P Harihara Sakthi Sudhan, Associate Professor, completed an online non-credit project on FEM (Finite Element Method) - Linear, Nonlinear Analysis & Post-Processing. This project, authorized by Coursera Project Network and offered through Coursera, has equipped him with valuable skills and knowledge in utilizing the finite element method for linear and nonlinear analysis, as well as post-processing techniques.



Mr K Senthil Kumar, Assistant Professor, completed an online non-credit project on FEM (Finite Element Method) - Linear, Nonlinear Analysis & Post-Processing. This project, authorized by Coursera Project Network and offered through Coursera, has equipped Mr K Senthil Kumar with valuable knowledge and skills in applying the finite element method to analyze linear and nonlinear problems.

May

2023

SKCT DIGEST

MECHANICAL

The first-year students along with Dr R Sivakumar, Professor, and Mr M Rajeswaran, Assistant Professor, had an enriching industrial visit to Roots Industries-Automotive Division in Coimbatore. This visit provided the students with a valuable opportunity to gain practical insights into the automotive industry and witness the operations and processes at Roots Industries. Under the guidance of Mr M Rajeswaran and Dr R Sivakumar, the students were able to observe the manufacturing facilities, technological advancements, and quality control practices employed by Roots Industries. Such industrial visits play a vital role in bridging the gap between classroom learning and real-world applications, allowing students to develop a deeper understanding of the industry and its operations.



May

2023

SKCT DIGEST MBA



The School of Management organized an insightful session on "Recent Developments and Opportunities in Research and Entrepreneurship," expertly conducted by Dr Sabri Sankar, Assistant Professor in Marketing.. This session provided valuable insights into the latest trends and opportunities in research and entrepreneurship, empowering participants with the knowledge and tools to thrive in these areas.

Mr Aravind Chokalingam and Mr Hentry Roshan, Students of I MBA, presented a Paper at Saraswathi Thyagrajaja College in Pollachi.



Mr Kirupakaran S and Mr Arun Kumar A, Students of I MBA, presented a paper at Saraswathi Thyagrajaja College in Pollachi. Their scholarly contribution demonstrated their dedication to academic excellence and their ability to engage in meaningful research.



May

2023

SKCT DIGEST MBA



The Students of I MBA had the privilege of attending the NHRD Summit held in Anaikatti. This summit provided them with a valuable platform to gain insights from renowned industry leaders, engage in discussions on contemporary HR practices, and broaden their understanding of the evolving trends and challenges in the field of human resources and fostered networking opportunities with professionals in the HR domain.

SOM organized an informative session titled "New Age Banking Career Opportunities" for the Students of I MBA. The session was expertly handled by Mr. Ravi Gupta, Corporate Development Officer at the Indian Institute of Banking and Finance, Mumbai. This session provided valuable insights into the emerging career prospects in the banking sector and equipped the students with essential knowledge to explore opportunities.



Elite

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

This certificate is awarded to
KRUPAKARAN S
for successfully completing the course

Business Development: From Start to Scale

with a consolidated score of **83** %

Online Assignments	24.06/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1316

Jan-Apr 2023
(12 week course)

Indian Institute of Technology Madras

swayam

Mr S Kirupakaran, Student of I MBA, completed the NPTEL course on "Business Development: From Start to Scale" with elite ranking. It is a 12-week course conducted online during Jan -April 2023.



May

SKCT DIGEST MBA

2023



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

This certificate is awarded to
PRAVEENA K
for successfully completing the course

Decision Making with Spreadsheet
with a consolidated score of **75** %

Online Assignments	22.19/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 274

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IT Roorkee

Jan-Apr 2023
(12 week course)

Prof. Priya Maheshwari
NPTEL Coordinator
IT Roorkee

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL23MG27553392531 To validate the certificate: [QR Code] No. of credits recommended: 3 or 4

Ms K Praveena, Student of I MBA, completed the NPTEL course on "Decision Making with Spreadsheet." This comprehensive 12-week online course, conducted from January to April 2023, has equipped Ms K Praveena with valuable skills in utilizing spreadsheets for effective decision-making.

Mr S Harimuthiah, Student of I MBA, completed the NPTEL course on "Business Development: From Start to Scale" with elite ranking. It is a 12-week course which was conducted online during Jan -April 2023.

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

This certificate is awarded to
HARIMUTHIAH S
for successfully completing the course

Business Development: From Start to Scale
with a consolidated score of **82** %

Online Assignments	24.06/25	Proctored Exam	57.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1316

Prof. Divendra Jalilal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23MG61563392459 To validate the certificate: [QR Code] No. of credits recommended: 3 or 4

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

This certificate is awarded to
SANTHIYA S
for successfully completing the course

Business Analytics for Management Decision
with a consolidated score of **63** %

Online Assignments	10.28/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 556

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23MG54563400046 To validate the certificate: [QR Code] No. of credits recommended: 3 or 4

Ms S Santhiya, Student of I MBA, completed the NPTEL course on "Business Analytics for Management Decision" with elite ranking. It is a 12-week course which was conducted online during Jan-April 2023.



May

2023

SKCT DIGEST MBA



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

This certificate is awarded to
KISHORE S
for successfully completing the course

Data Analysis and Decision Making - I

with a consolidated score of **46** %

Online Assignments	15.56/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 156

Jan-Apr 2023
(12 week course)

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL23MG0543393001 To validate the certificate No. of credits recommended: 3 or 4

Mr S Kishore, Student of I MBA, completed the NPTEL course on "Data Analysis and Decision Making - I". This comprehensive 12-week course, conducted online during January to April 2023, has equipped Mr S Kishore with valuable knowledge and skills in the field of data analytics, empowering him to make informed management decisions.

The School of Management orchestrated a successful HR Conclave in 2023, which served as a dynamic platform for industry experts, professionals, and students to come together and delve into thought-provoking discussions surrounding the evolving landscape of human resources management. This event left a lasting impact on all participants.

SRI KRISHNA COLLEGE OF TECHNOLOGY
An Autonomous Institution, Accredited by NAAC with "A" grade
Approved by AICTE and Affiliated to Anna University
Chennai, Tamil Nadu-641042

SCHOOL OF MANAGEMENT
ORGANIZES

HR CONCLAVE 2023

RETHINKING, REIMAGINE, REGENERATE, REFOCUS

DATE: 9TH APRIL 2023

VENUE: SRI KRISHNA COLLEGE OF TECHNOLOGY, CHENNAI

Elite

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

This certificate is awarded to
KISHORE S
for successfully completing the course

Business Analytics for Management Decision

with a consolidated score of **75** %

Online Assignments	14.91/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 556

Jan-Apr 2023
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23MG54563393029 To validate the certificate No. of credits recommended: 3 or 4

Mr S Kishore, Student of I MBA, completed the NPTEL course on "Business Analytics for Management Decision". This comprehensive 12-week course, conducted online during January to April 2023, has equipped Mr S Kishore with valuable knowledge and skills in the field of business analytics, empowering him to make informed management decisions.



May

2023

SKCT DIGEST MBA



MBA



Dr V Gowrishankar & Dr S Sibi, Assistant Professors and Ms Jayaramasruti R, I MBA, completed the Certificate Programme in "Financial Modelling & Analysis" offered by The Digital Adda.



The School of Management successfully organized a highly anticipated B-School Cricket Tournament, bringing together students from various business schools in a spirit of healthy competition and camaraderie. The tournament showcased exceptional cricketing talent, fostering a sense of sportsmanship and teamwork among the participating teams, making it a memorable event for all involved.



May

2023

SKCT DIGEST MBA



Dr V Gowrishankar, Dr S Sibi & Dr S Siva, Assistant Professors, completed the Certificate Program in "Agile HR Professional" offered by The Digital Adda.



Students of I MBA completed a highly insightful and educational industrial visit at Milky Mist Plant located in Erode. Throughout their visit, they had the opportunity to witness the efficient operations and advanced technologies employed by Milky Mist, thereby gaining valuable insights into the renowned organization's dairy production processes and market strategies.



May

2023

SKCT DIGEST MBA



Students of I MBA concluded an enlightening industrial visit at the Aavin Plant in Coimbatore. During their visit, they gained valuable insights into Aavin's dairy production processes, quality control measures, and efficient operations, further enhancing their understanding of the dairy industry.

Students of I MBA completed a highly informative industrial visit at Premier Fine Linen Private Limited, located in Pollachi. This visit provided our students with a valuable opportunity to observe and learn about the operations, production processes, and quality standards upheld by Premier Fine Linen, a distinguished name in the textile industry.



Students of I MBA had the privilege of embarking on an enlightening industrial visit to Messer Cutting Systems, Coimbatore, where they were exposed to the company's cutting-edge technologies, advanced manufacturing processes, and industry-leading practices. This visit proved instrumental in broadening our students' knowledge and comprehension of the dynamic industrial landscape.



May

2023

SKCT DIGEST MBA



Mr Vignesh Kumar, an esteemed alumnus from the 2016-2018 batch and currently serving as an Assistant Manager at Kotak Finance, Coimbatore, had a valuable interactive session with the Students of I MBA (Batch 2022-2023) This alumni interaction provided an excellent opportunity for the students to gain insights from Mr Vignesh Kumar's professional experiences and industry expertise, thereby enhancing their understanding of the practical aspects of the field.

Mr Rajaganapathi S, I-MBA, actively participated in a knowledge-sharing session on "Carbon Neutrality and Corporate Response" organized by the Association of Indian Management Systems. This valuable engagement demonstrates Mr. Rajaganapathi 's commitment to staying abreast of current industry trends and contributing to the discourse surrounding sustainability and corporate responsibility.



Mr. Rajaganapathi S, I-MBA, actively participated in the "Programme on the overview of securities markets" organized by the National Institute of Securities Markets (NISM). By engaging in this program, Mr. Rajaganapathi S has demonstrated his dedication to expanding his knowledge and understanding of the intricacies of the securities markets, a vital aspect of the financial industry.



May

2023

SKCT DIGEST MBA



Smart Watch to Avoid Face Touching During Pandemic Condition

S. Vinay Department of Electrical and Electronic Engineering College Chennai, India vinayshankar12@gmail.com	Ramakrishnan Ravan School of Business Management Pondicherry Institute of Management Pondicherry, India vinayshankar12@gmail.com	Harishankar School of Management Sri Krishna College of Engineering & Technology Chennai, India vinayshankar12@gmail.com
S. Manojkumar Department of Electrical Engineering Sri Krishna College of Engineering & Technology Chennai, India vinayshankar12@gmail.com	J. Thirumala Department of Computer Science Pondicherry Engineering College Chennai, India vinayshankar12@gmail.com	Aradhya K Department of English Pondicherry Institute of Management Pondicherry, India vinayshankar12@gmail.com

Abstract: The most dangerous Coronavirus, COVID-19, is the cause of this pandemic illness. This illness was initially identified in China, in December 2019, and eventually spreading to the rest of the world. It is a highly contagious virus that spreads easily between people in close contact. It is a highly contagious virus that spreads easily between people in close contact. It is a highly contagious virus that spreads easily between people in close contact.

Dr Gowrishankar V, Assistant Professor, published a paper titled "Smart Watch to Avoid Face Touching During Pandemic Condition" in the IEEE Conference Proceedings-Scopus.

Mrs. P. Thennarasi, Assistant Professor, actively participated in the knowledge-sharing session on "Publish or Perish: Your Choice" organized by AIMS (Association of Indian Management Schools). Mrs. P. Thennarasi's involvement in this session exemplifies her dedication to staying updated with the latest trends in academic publishing and her commitment to sharing valuable insights with her peers.



Dr. P. Shanmugapriya, Associate Professor, took pledge to lead a sustainable lifestyle for the environment. By embracing this commitment, Dr. P. Shanmugapriya demonstrates her dedication to promoting environmental consciousness towards a greener and more sustainable future.

Ms. P. Jinsha, Assistant Professor, participated in an Faculty Development Programme (FDP) titled "Exploring the Intersection of Teaching and Cognition" organized by KPR Institute of Engineering and Technology. This program provided Ms. Jinsha with valuable insights into the relationship between teaching and cognition.



May

2023

SKCT DIGEST

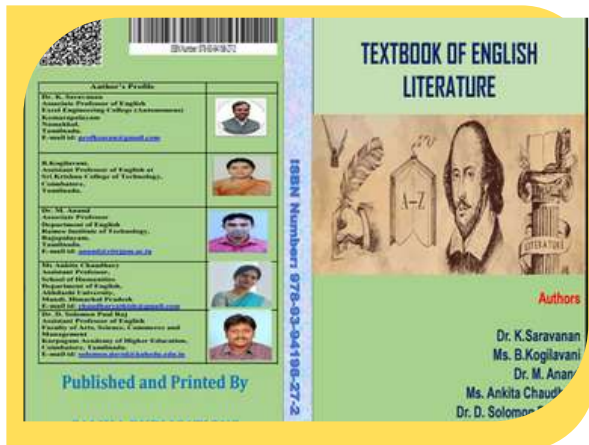


Dr. N. Nalini, Assistant Professor, participated in the workshop on "Proper Pipetting Techniques" organized by Connie MacDonald, Senior Scientist Support Specialist at Corning Life Science. Dr. N. Nalini's engagement in this workshop showcases her commitment to honing her laboratory skills and staying updated with the best practices in pipetting techniques.

Dr. N. Nalini, Assistant Professor, took the pledge to embrace a sustainable lifestyle for the environment, actively committing herself to making environmentally conscious choices in her daily activities. Her participation in this initiative serves as an inspiring example, highlighting the significance of individual actions in promoting a greener and more sustainable future.



Dr. B. Kogilavani, Assistant Professor, published a book entitled English Literature ISBN-978-93-94198-27-2



May

2023

SKCT DIGEST



The Krishna Trophy Induction event offered captivating glimpses of a memorable occasion. The event showcased a grand display of talent, camaraderie, and sportsmanship, leaving a lasting impression on all attendees.



May

SKCT DIGEST

2023



Glimpses of Krishna Trophy



May

2023

SKCT DIGEST



The valedictory session of the Krishna Trophy was graced by Dr. M. G. Sumithra, Principal, Sri Krishna College of Technology, who delivered an inspiring speech, emphasizing the importance of sportsmanship, perseverance, and teamwork. Her presence added a touch of wisdom and motivation, making the valediction a truly memorable and impactful moment for all participants.



May

2023

SKCT DIGEST



கிருஷ்ணா... ஈஸ்வர்...!

கோவை, மே 15-
கிருஷ்ணா தொழில்நுட்ப கல்லூரி ஈஸ்வரர் நடக்கும் இன்றி, கல்லூரி பேராசிரியர்களுக்கான கிரிக்கெட் காலிறூதி போட்டியில், கிருஷ்ணா மற்றும் ஈஸ்வர் கல்லூரி அணிகள் வெற்றி பெற்றன.

கோவை, மே 15-
கிருஷ்ணா தொழில்நுட்ப கல்லூரியில் "கிருஷ்ணா டிராபி 2023" பெயரில், மாநில அளவிலான இன்றி, கல்லூரி பேராசிரியர்களுக்கான கிரிக்கெட் போட்டி நடக்கிறது.

தமிழகத்தின் பல புகழ் களில் இருந்து 16 இன்றி, கல்லூரி அணிகள் பங்கேற்ற



கிருஷ்ணா தொழில்நுட்ப கல்லூரி மைதானத்தில், மாநில அளவில், பேராசிரியர்களுக்கான கிரிக்கெட் போட்டி நடந்தது.

விவேகா கல்லூரி அணி அய்யம், ஈஸ்வர் இன்றி, மற்றும் தொழில்நுட்ப கல்லூரி அணி, என்.ஐ.டி.டி., டெக் அணியை வீழ்த்தி, அரையிறவு

அய்யம் தொழில்நுட்ப கல்லூரி அணி, என்.ஐ.டி.டி., டெக் அணியை வீழ்த்தி, அரையிறவு

cricketheroes

Tournament

Sri Krishna Trophy

Date: 06 May 2023 to 31 May 2023

The Krishna Trophy showcased thrilling matches, impressive performances, and emerging talents, captivating cricket enthusiast with its record-breaking moments and engaging insights. The tournament received tremendous support from passionate fans, creating a vibrant atmosphere and making it a memorable event for everyone.

KRISHNA TROPHY	
TEAM 1	TEAM 2
SHRI KRISHNA INSTITUTIONS Coimbatore	ESHWAR
SCORE 235	SCORE 67
OVERS 20	OVERS 15
WICKETS 0/6	WICKETS 1/0
TARGET 236	

AC Akshya CET	BI BIT	DC Dhanalakshmi CET
DM Dr Mcet Staff Team	DI Dr.NGP I TECH	HS HICET STAFF
HC Hindustan CET	KC KCE	KC KKIT Coimbatore
KT KRCT TRICHY	NC NIET Coimbatore	PAVAI ENGINEERING

HC Hindustan CET	KC KCE	KC KKIT Coimbatore
KT KRCT TRICHY	NC NIET Coimbatore	PAVAI ENGINEERING
SK SKCT	SK SKCT	SE Sri Eswar CET

15 Matches	26 Innings	3174 Runs
138 Wickets	2441 Balls	415 Extras
326 Fours	30 Sixes	12 50's
1 100's	14 50+	2 100+
5	1068	36

HIGHEST SCORE
235/6 (20 Ov)
SKCT vs Sri Eswar CET
MATCH SCORECARD
LOWEST SCORE
67/10 (16 Ov)
SKCT vs Sri Eswar CET
MATCH SCORECARD
HIGHEST SCORE CHASED
139
VIVEKA SUPER KINGS vs SKCT
MATCH SCORECARD
LOWEST SCORE DEFENDED



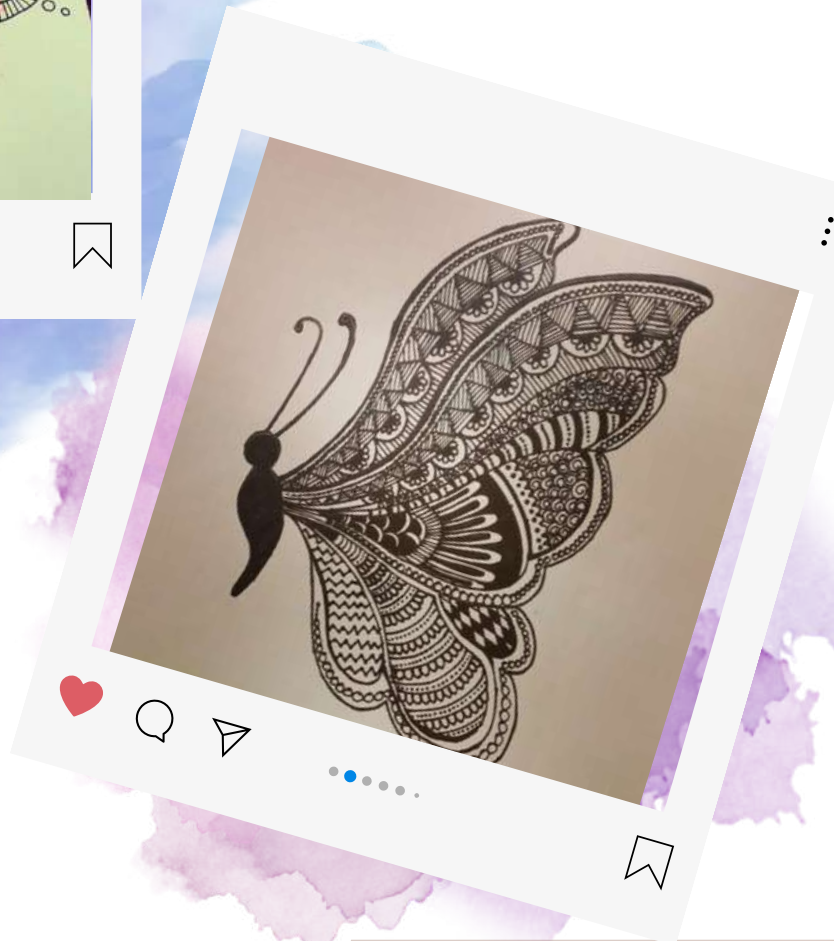
May

2023

SKCT DIGEST

STUDENTS

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May

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STUDENTS

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