



**SUSTAINABLE
DEVELOPMENT
GOALS**

**Sri Krishna
College of Technology**

An Autonomous Institution
Affiliated to Anna University and Approved by AICTE
Accredited by NAAC with 'A' Grade
KOVAIPODUR CAMPUS, COIMBATORE - 641 042.

**VOI 24 - ISSUE 11
25 - 31 AUG 2024**

SKCT supports the Sustainable Development Goals

SKCT DIGEST

THE PRIDE OF OUR REFLECTION

WELCOME

Freshmen

SKCT' IANS

ISBN NUMBER



978-93-5895-815-7

Shall Explore intriguing topics, have
stimulating discussions, and go on an
adventure of discovery together

Contact Us

☎ 0422-2984567 - 68
📍 Kovaipudur,
Coimbatore - 641 042.





SUSTAINABLE DEVELOPMENT GOALS

nirf Band 101-150 Engineering 2023

NBA NATIONAL BOARD OF ACCREDITATION

NAAC

INSTITUTION'S INNOVATION COUNCIL

SKCT supports the Sustainable Development Goals



SKCT DIGEST

First Year Orientation 2024





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SKCT DIGEST

First Year Orientation 2024





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SKCT DIGEST

First Year Orientation 2024

Ms Bharathy Bhaskar



SKCT DIGEST

Artificial Intelligence and Data Science

Placement

- **Ms Monisha K**
- **Mr Saikrishna V**

Students of Final B.Tech. AI&DS received an offer from **Psiog Digital**, Chennai with a package of 5 LPA.



Saikrishna V

727821TUAD039

Batch 2021-25/AI&DS



Monisha K

727821TUAD032

Batch 2021-25/AI&DS

for getting placement offer with



SKCT DIGEST

Artificial Intelligence and Data Science

Placement

The following Students of Final B.Tech. AI&DS received an offer from **EY GDS**, Coimbatore and Chennai with a package of 5 LPA.



Mr Kishore S



Ms Harismita R



Ms. Monisha K



Ms. Acshaya Sri S



Artificial Intelligence and Data Science

Students' Online Certification

- **Ms Anushalakshmi S**
- **Mr Anbuselvan S**
- **Ms Dharshni Dhandapani**
- **Ms Dharshini M**

Students of Second B.Tech. AI&DS completed “**Online Certification Courses**” offered through Coursera.



coursera

SKCT DIGEST

Artificial Intelligence and Data Science

Students' Participation

Ms Kavya S, Student of Third B.Tech. AI&DS, completed a course on **“Data Analytics”** offered through **CISCO** Networking Academy.



Ms Abishek A, Student of Third B.Tech. AI&DS, completed courses on **“Computer Vision Onramp”** offered through **Mathwork**.



SKCT DIGEST

CSE – Internet of Things

Awareness Programme

Mr Navin S, Student of Second B.E. CSE (IoT), created an awareness on **“Insights on Pursuing Engineering as Future Career”** at Government Higher Secondary School, Kulathupalayam, Coimbatore.



Mr Ponmadhan D, Student of Second B.E. CSE (IoT), created an awareness on **“Importance of Education”** at Manimegalai Municipal Government School, Mayiladuthurai.



SKCT DIGEST

CSE – CyS & AIML

Awareness Programme

Mr Deepak S, Mr Dharanesh A, Mr Jejo J, Mr Priyadharshan V, Ms Sumitha A, Students of Second B.E. CSE (CyS) and Ms Raghini H, Student of Second B.E. CSE (AIML), gave a seminar on “**Life Skills and Cyber Security Awareness**” at St Josephs Matriculation Higher Secondary School, Ondipudur, Coimbatore.

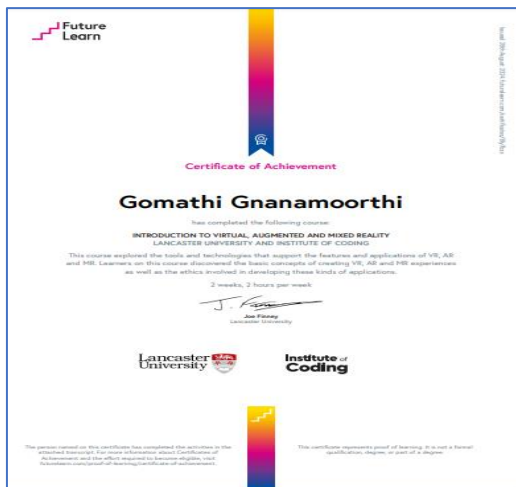


SKCT DIGEST

CSE – IoT & CyS

Students' Achievement

Ms Gomathi G, Student of Third B.E. CSE (IoT), completed a online course on **“Introduction to Virtual, Augmented and Mixed Reality”** offered by Lancaster University and Institute of Coding.



Ms Akshara A S, Student of Second B.E. CSE (CyS), received a One-month Educational Internship offer from from Prodigy Infotech during 01-30 September 2024.



SKCT DIGEST

CSE – AIML

Students' Achievement

Ms Poonguzhali V, Student of Third B.E. CSE (AIML), bagged the 5th place in **“She<Codes> August Edition.”**

She<Codes>
August Edition

★ WINNER ★

Dhrisha Krishna R
2021-25 | IT

2nd Place
Subiksha K P
2021-25 | AI&DS

3rd Place
Divya Dharshini S
CSE – 2023-27

4th Place
Divya M
CSE – 2023-27

5th Place
Poonguzhali V
AIML – 2022-26



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SKCT DIGEST

CSE – Cyber Security

Students' Internship

Mr Mohamed Ashik A,
 Student of Third B.E. CSE
 (CyS), completed Two-
 month Internship at
Next24Tech Services
 during 15 June-15 August
 2024.



Ms Varshini N, Student of
 Third B.E CSE (CyS),
 completed a Two-month
 Internship at **Next24Tech
 Services** during 25 June-25
 August 2024.



SKCT DIGEST

CSE – Cyber Security

Students' Internship

Mr Hariharan S, Student of Second B.E. CSE (CyS), completed a 5-day Internship at **Prompt Infotech** during 12-16 August 2024.



Ms Sona Angel R A, Student of Second B.E. CSE (CyS), completed a 5-day Internship at **Prompt Infotech** during 05-09 August 2024.



SKCT DIGEST

CSE – Cyber Security

Certifications

Ms Deepika K, Student of Second B.E. CSE (CyS), completed a course on **“React Web Developer”** offered through Infosys Springboard.



Ms Sugitha A, Asst. Professor, completed a course on **“Data Science”** authorised by IBM and offered through Coursera.



SKCT DIGEST

Computer Science and Engineering

Students' Achievement

Marquee Super Dream Offer from
amazon



KIRUPA S

727821TUCS114

Batch 2021-25/CSE

for receiving

Internship Offer of 1.1 LPM & Placement Offer of CTC 44 LPA

Marquee Super Dream Offer from

JPMorganChase



SUBHASHREE M

727821TUCS237

Batch 2021-25/CSE

for receiving

Placement Offer of CTC 19.75 LPA



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SKCT DIGEST

Computer Science and Engineering

Student Participation

Mr Durgesh S V, Student of Second B.E. CSE, gave career guidelines at Government School, Omalur, Salem. He guided the students on Future studies, Information on Computer science and Engineering, etc.





SKCT supports the Sustainable Development Goals



SKCT DIGEST

Computer Science and Engineering

Faculty Participation



Mr S Sam Peter, Asst. Professor, attended a 6-day Online FDP on “Artificial Intelligence’s Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical Fields” organised by Dhaanish Ahmed College of Engineering, Chennai during 05-10 August 2024.

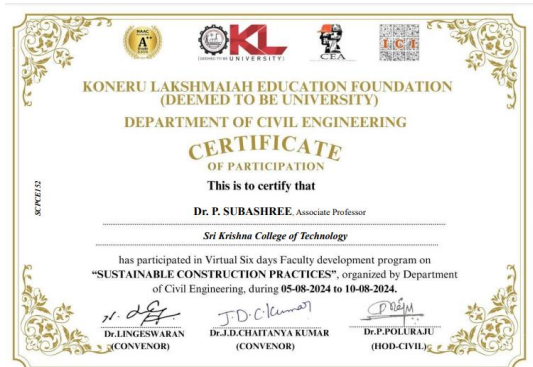


SKCT DIGEST

Civil Engineering

Faculty Participation

Dr P Subashree, Associate Professor attended a Six-day virtual FDP on **“Sustainable Construction Practices”** organised by the Dept. of Civil Engineering, Koneru Lakshmaiah Education Foundation (Deemed to be University) during 05-10 August 2024.



Dr N Jothi Lakshmi, Asst. Professor, completed a course on **“Greening the Economy: Sustainable Cities”** authorised by Lund University and offered through Coursera.



SKCT DIGEST

Civil Engineering

National Campaign

The following Students of Final B.E. Civil Engineering participated in a "**Siramadhanam**" (cleaning) initiative at Shanti Ashram, organised under the guidance of AICTE:

- **Mr Gokul Krishna S**
- **Mr Logesh M**
- **Mr Manikandan V**
- **Mr Sankeerthan S**



SKCT DIGEST

Civil Engineering

Awareness Programme

Mr V Saravanan, Student of Second B.E. Civil Engineering, created an awareness on “**Professional Courses in Higher Education**” at Government Higher Secondary School, Chathiramanai, Perambalur on 27 August 2024.



SKCT DIGEST

Electronics and Communication Engineering

Placement

The Students of Final B.E. ECE received a placement offer from **psiog-Digital**



Priyadharshini S
727821TUEC139

Batch 2021-25/ECE



Subhashini S
727821TUEC232

Batch 2021-25/ECE



Kanishq Raj G
727821TUEC102

Batch 2021-25/ECE



Kirthick D
727821TUEC110

Batch 2021-25/ECE

for getting placement offer with



SKCT DIGEST

Electronics and Communication Engineering

Placement

The Students of Final B.E. ECE, received a placement offer from **“EY GLOBAL.”**



Kanishq Raj G
(727821TUEC102)
Batch 2021 - 25



Synthiya Evangeline S
(727821TUEC241)
Batch 2021 - 25



Subhashini K S
(727821TUEC232)
Batch 2021 - 25



Sowtharya S
(727821TUEC225)
Batch 2021 - 25



Lakshaya M
(727821TUEC115)
Batch 2021 - 25



Divya Darsini R
(727821TUEC040)
Batch 2021 - 25



Anuvarsini A
(727821TUEC019)
Batch 2021 - 25



Rithikka L K
(727821TUEC156)
Batch 2021 - 25

For successfully Receiving Placement Offer with



SKCT DIGEST

Electronics and Communication Engineering

Faculty Participation

Dr K Bagyalakshmi and **Ms M Sathiyapriya**, Asst. Professors, attended a 5-day FDP on **“Internet of Things for Emerging Technical Applications”** at M P Natchimuthu M Jaganathan Engineering College, Erode during 12-17 August 2024.



Dr K Muthulakshmi, Asst. Professor, attended a International Webinar on **“AI for Net-zero Systems”** organised by SCSE & SIS in association with Cardiff Metropolitan University, Wales, United Kingdom on 17 July 2024.



SKCT DIGEST

Electronics and Communication Engineering

Faculty Online Certification

Mr M Arun Kumar, Asst. Professor, completed a course on **"Wireless Lans"** offered through Infosys Springboard.



Dr K Bagyalakshmi, Asst. Professor, completed a online course on **"Introduction to Artificial Intelligence (AI)"** offered through Coursera.



SKCT DIGEST

Electronics and Communication Engineering

Faculty Certification

Dr M Thillai Rani, Assoc. Professor, received a Certificate of Appreciation in recognition of her valuable contribution as **Reviewer** in the International Conference on Communication, Computing & Internet of Things organised by Sri Sai Ram Engineering College, Chennai during 17-18 April 2024.



Dr M Thillai Rani, Assoc. Professor, presented a paper on "FPGA Implementation of Stochastic Approximate Multipliers for Neural Networks" at the First International Conference on ECSP organised by NIT, Delhi during 08-10 August 2024.



SKCT DIGEST

Electrical and Electronics Engineering

Event Organised

The Department of EEE in association with IEEE Student Chapter organised an intercollegiate **“Mini Project Competition”** for Students of B.E. EEE on 30 August 2024.



SKCT DIGEST

Electrical and Electronics Engineering

Event Organised

The Department of EEE organised an event on **“Mastering Entrepreneurship Mindset”** for the Students of B.E. EEE facilitated by Mr Hrithik Shyam P, Founder, Creasix Creative Studios, Bangalore on 22 August 2024.



The Department of EEE organised the **“Entrepreneur Day Celebration Event”** for the Students of B.E. EEE on 29 August 2024.



SKCT DIGEST

Electrical and Electronics Engineering

Faculty Certification

Dr Jency Joseph J, Assoc. Professor, completed a course on **“Core Java”** offered through Coursera.



Ms Jeevitha K, Assistant Professor, attended a webinar on **“Establishing Network through LinkedIn”** on 20 August 2024.



SKCT DIGEST

Electrical and Electronics Engineering

Faculty Certification

Ms. Jeevitha K, Assistant Professor, has successfully completed certifications in:

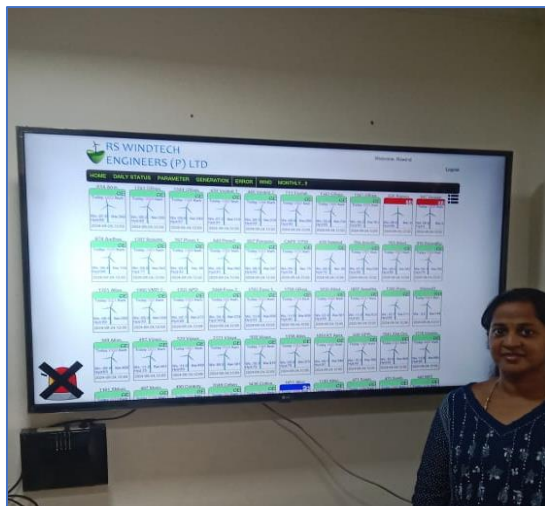
- **Prompt Engineering** offered through Infosys Springboard
- **Explore Generative AI with Copilot in Bing** through Microsoft Learnathon.
- **Java Features**
- **Getting Started with Power BI Desktop**
- **How to Make Invitations Using Canva**
- **Project: Creating Your First C++ Application**
- **Support Vector Machine Classification in Python**
- **Upgrade Your JavaScript OOP to TypeScript** offered through Coursera



Electrical and Electronics Engineering

Faculty Participation

Dr Abinaya N S, Asst. Professor, visited RS Windtech Engineers Pvt. Ltd. in Aralvaimozhi on 24 August 2024.



SKCT DIGEST

Information Technology

Placement

Ms P Nagalakshmi, Student of Final B.Tech. IT, received an placement offer from **OPENTEXT** with a package of **10 LPA**.



Nagalakshmi P

727821TUIT104

Batch 2021-25/IT

for getting placement offer with

opentext™

SKCT DIGEST

Information Technology

Placement

Ms Priyanka G and **Ms Krithika M**, Students of Final B.Tech. IT, received a placement offer from **TLX** with a package of **5 LPA**.



Priyanka G

727821TUIT123

Batch 2021-25/IT



Krithika M

727821TUIT051

Batch 2021-25/IT

for getting placement offer with



SKCT DIGEST

Information Technology

Placement Offer

The Students of Final B.Tech. IT received a placement offer from **EY** with a package of **5 LPA**.



Ms Kabarthini K



Ms Kabila B S



Mr Karthick V



Mr Sharankumar D



Mr Sharan S



Ms Priyanka G

SKCT DIGEST

Information Technology

Placement Offer

The Students of Final B.Tech. IT received a placement offer from **EY** with a package of **5 LPA**.



Mr Anil Vikash P



Mr Avinash Kumar R



**Ms Dhrisha
Krishna R**



Mr Gugan S



Ms Indhulega S



Ms Inika V

SKCT DIGEST

Information Technology

Placement Offer

The Students of Final B.Tech. IT received a placement offer from **EY** with a package of **5 LPA**.



Ms Nandhini J K



Ms Nirosch Gowda



SKCT DIGEST

Information Technology

Student Achievement

Ms Dhrisha Krishna R, Students of Final B.Tech. IT, secured the **Winner** position at **She <Codes> August Edition**.



Ms Dhrisha Krishna R

SKCT DIGEST

Information Technology

Students' Online Certification

- ✓ Mr Sethuragavan K K
- ✓ Mr Shanjay Samarjith G S
- ✓ Mr Naveenraju Selvaraju
- ✓ Ms Sowmya K
- ✓ Ms Sridharshika S

The Students of Second B.Tech. IT completed a Online Certification Course on “**Figma Training 2022**” offered through Infosys Springboard.



COURSE COMPLETION CERTIFICATE

The certificate is awarded to
NAVEENRAJU SELVARAJU

for successfully completing the course
Figma Training 2022
on August 18, 2024



Congratulations! You make us proud!



Issued on Monday, August 19, 2024
To verify, scan the QR code at <https://verify.cometopass.com>

Thirumala Anchi
Education Vice President and Global Head
Education, Training & Assessments (ETA)
Infosys Limited



COURSE COMPLETION CERTIFICATE

The certificate is awarded to
727823TUIT214 SETHURAGAVAN K K

for successfully completing the course
Figma Training 2022
on August 21, 2024



Congratulations! You make us proud!



Issued on Friday, August 23, 2024
To verify, scan the QR code at <https://verify.cometopass.com>

Thirumala Anchi
Education Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited

SKCT DIGEST

Information Technology

Students' Online Certification

- ✓ Mr Balaji G
- ✓ Mr Dinesh M
- ✓ Ms Inniyaa Sree B
- ✓ Mr Abishek A
- ✓ Ms Sridharshika S

The Students of Second B.Tech. IT completed a Online Certification Course on “**Unix Linux OS - Unix Commands and Processes**” offered through Infosys Springboard.



SKCT DIGEST

Mechanical Engineering

Placement

Mr Sanjeedh Ahmed S, Student of Final B.E. Mechanical Engineering, received a placement offer from **Facilio**.



Sanjeedh Ahmed S

727821TUME123

Batch 2021-25/MECH

for getting placement offer with

facilio

Faculty Publication

Mr K Senthil Kumar, Asst. Professor, published an article on **"Advanced Electronic Healthcare Application Using Mechanical Renewable Energy for Long - Term Population"** in IGI Global Journal with an Impact Factor of 0.424 (Scopus Indexed).

Dr S Sundararaj, Professor, co-authored an article and published it in a Book Series - **Lecture Notes in Mechanical Engineering.**

Chapter 18 Advanced Electronic Healthcare Application Using Mechanical Renewable Energy for Long-Term Population

L. Karthick
<https://orcid.org/0000-0002-1403-8179>
 Department of Mechanical Engineering,
 Hindusthan College of Engineering and
 Technology, Coimbatore, India

Dier Salih Hasan
<https://orcid.org/0009-0008-3212-5509>
 College of Science, University of Salahaddin-
 Erbil, Iraq

Senthil Kumar K.
 Sri Krishna College of Technology, Coimbatore,
 India

I. Nagarajan
 Annapadai Veda Institute of Technology,
 Venayaka Missions Research Foundation, India

L. Vadivukarasi
 Nandha Arts and Science College, Erode, India

R. Aarthi
 R.M.D. Engineering College, Chennai, India

ABSTRACT

Renewable energy has grown rapidly in recent decades as a result of the environmental issues associated with utilizing fossil fuels and the limitations in the sources of these types of fuels. Systems using renewable energy may be used to produce clean energy in many different industries. The use of renewable energies in the medical and dentistry fields is examined in the current study. The literature assessment suggests that innovations based on renewable energy sources can be used to medical infrastructure and equipment. For instance, hospitals and other healthcare facilities may be heated and cooled using solar-based systems. Additionally, autoclaves as well as medical dryers can use solar thermal energy. Implementing renewable energy systems for such purposes would result in fewer carbon dioxide emissions, which promote sustainable development, even though it would likely need more complex buildings and higher investment costs.

DOI: 10.4018/979-8-3603-1966-6-018

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CFD Analysis of Thermal Performance in Heat Pipes with Dissimilar Wick Materials



M. Shanmugam, S. Sundararaj, M. Ravi Shankar, and M. Senthil Prabhu

Abstract Heat pipe is the most significant successful device in thermal and heat transfer applications due to its exclusive aptitude for heat recovery from larger distances with no losses. In this paper, fluid flow affected by the physical properties of grooved wick structures is analysed in a Circular heat pipe model with two dissimilar wick materials and they are Zylon which is also known as Poly-Phenylene Benzo-Bisoxazole and Ultra-high-molecular-weight polyethylene which is also known as high-modulus polyethylene (HMPE). Copper heat pipe was considered for analysis with water as a Working fluid with a temperature range of 348–282 K. The results show that the velocity of condensate flow from condenser to evaporator for both wick materials is almost, maximum velocity is 0.0191 m/s. The heat pipe with zylon wick with a grooved structure is low thermal resistance in the heat flux range of 21,980 to –21,670 W/m² at 316.099 K and the thermal resistance slightly more in High-modulus polyethylene (HMPE) in heat flux range 15,890 to –15,890 W/m² at 317.345 K. Ansys 2016 [Fluent—the CFD solver program] software is used for computerized numerical calculation.

SKCT DIGEST

Mechanical Engineering

Student & Faculty Participation

Dr T Nithyanandhan, Asst. Professor and the Students of B.E. Mechanical Engineering attended the “**Coimbatore Open House 2024**” at FANUC’s New Facility.



SKCT DIGEST

Master of Business Administration

Faculty Participation

Dr M S Sibi, Asst. Professor, attended a 2-day Faculty Development Programme on “**Critical & Creative Thinking Skills**” organised by the IQAC, Michael Job Memorial College of Education For Women, Coimbatore.

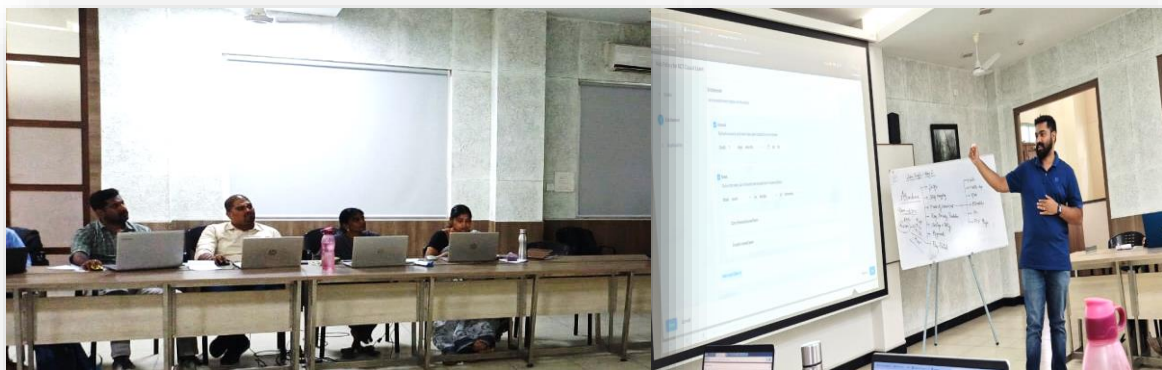


SKCT DIGEST

Master of Business Administration

Faculty Participation

Dr V Gowrishankkar and **Mr S Siva**, Assistant Professors, attended a 10-day “**HR – ZOHO Training Programme**” at Kumaraguru College of Technology, Coimbatore.



SKCT DIGEST

Master of Business Administration

Faculty Online Certification

Ms S Jeya Preethi, Asst. Professor, attended an “**Innovation Ambassador (IA) Training ‘Foundation Level’**” organised by MoE’S Innovation Cell & AICTE.



Master of Business Administration

Faculty Online Certification

Dr M Ganeshwari, Asst. Professor, attended “Innovation Ambassador (IA) training ‘Foundation Level and Advanced Level’” organised by MoE’S Innovation Cell & AICTE.



SKCT DIGEST

Master of Business Administration

Event Organised

Dr M S Sibi, Asst. Professor, organised a seminar on **“Angel Investment Opportunities for Entrepreneurs”** for the Students of Second MBA on 27 August 2024.



SKCT DIGEST

Master of Business Administration

Event Organised

The School of Management, SKCT and SKCET organised M a **“MBA Freshers’ Inauguration and Immersion Program, FIIP 24”** on 29 August 2024.



SKCT DIGEST

Master of Business Administration

Event Organised

The School of Management organised an Orientation Programme on “**Curriculum Structure, Placement and MyKlassroom**” on 30 August 2024.



SKCT DIGEST

Science and Humanities

Faculty Certification

Dr D Maheshkumar, Asst. Professor, completed an online non-credit course authorised by University of Toronto and offered through Coursera.



Science and Humanities

Faculty Achievement

Dr R Ganesh, Asst. Professor, served as a Resource Person and delivered a Guest Lecture on “**AI Tools for Research Activities**” organised by IIC at Sree Sakthi Engineering College on 21 August 2024.



SKCT DIGEST

Science and Humanities

Orientation Programme

Ms Bharathy Bhaskar, a motivational speaker, writer and banker, facilitated the Orientation Programme and delivered a powerful speech, highlighting the significance of dedication and self-belief in overcoming life's challenges on 29 August 2024.



SKCT DIGEST

Science and Humanities

Orientation Programme

Sri Krishna College of Technology, Coimbatore organised an **“Orientation Programme for the 40th batch of B.E./B.Tech. Students”** on 29 August 2024 at 10.30 a.m. in Vankatram Hall. Dr M G Sumithra, Principal, welcomed the gathering and introduced the leadership team of SKCT and she delivered an inspiring speech encouraging the students to make the most of their time at SKCT.



SKCT DIGEST

Science and Humanities

Induction Programme

Dr M G Sumithra, Principal, addressed the Students of First B.E./B.Tech. during the Day 1 of Students' Induction Programme on 30 August 2024.



SKCT DIGEST

Science and Humanities

Induction Programme

Dr Rajkumar, Controller of Examination, addressed the Students of First B.E./B.Tech. during the Day 1 Session 1 of Students' Induction Programme regarding **"Examination Reforms"** on 30 August 2024.



SKCT DIGEST

Science and Humanities

Induction Programme

Dr S Dilipkumar, Training and Placement Officer, addressed the Students of First B.E./B.Tech. during the Day 1 Session 2 of Students' Induction Programme regarding **"Placement Opportunities at SKCT"** on 30 August 2024.





SKCT supports the Sustainable Development Goals

Band 101-150

CSE | CIVIL | EEE | ECE | MECH | IT

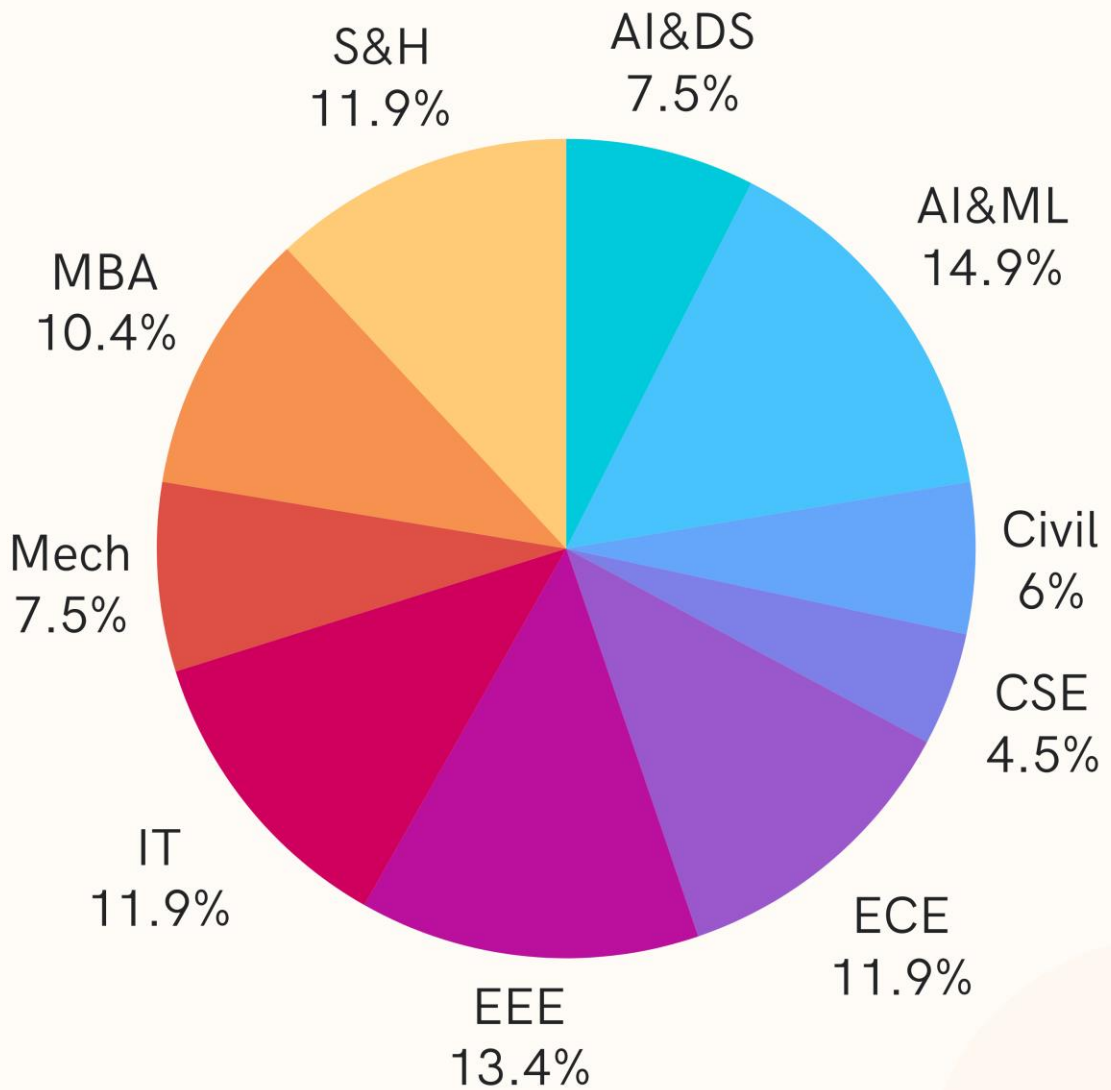
NAAC

★★★★★



SKCT DIGEST

Collaborative Content Contributions





CHIEF EDITOR

Dr M G Sumithra
Principal

DESIGN & CONTENT EDITORS

Mr M K Prabhu
Assistant Professor
Mechanical Engineering

Ms B Pavithra
Assistant Professor
English

DEPARTMENT COORDINATORS

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STUDENT EDITORS

Mr T Lokesh
IV B.Tech. AI&DS

Mr R Yashwanthraja
III B.E. Mechanical Engineering

Mr S Nithin
II B.E. CSE (AIML)

