



SKCT supports the 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
KOVAIPUDUR CAMPUS, COIMBATORE - 641 042.

VOL 25- ISSUE 15
APR 06 - APR 12, 2025

SKCT

DIGEST

THE PRIDE OF OUR REFLECTION

ISBN NUMBER



978-93-5895-815-7

Success is no accident. It is hard
work, perseverance, learning,
studying, sacrifice, and most of all,
love of what you are doing.

-Pelé

Contact Us

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

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

STUDENT ACHIEVEMENT



Mr Adish A, Student of Third Year B.Tech AI&DS, successfully achieved the student-level credential for completing the "**Python Essentials 1**" course, provided by **Cisco Networking Academy** in collaboration with **OpenEDG Python Institute**.





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SUSTAINABLE DEVELOPMENT GOALS



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INSTITUTION'S INNOVATION COUNCIL

SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

STUDENTS' PLACEMENT



Mr SriHariharan V and **Ms Subiksha K P**, Students of Final Year B.Tech AI&DS, got placed in ***Hashedin by Deloitte***.

PLACEMENT SPOTLIGHT



Sri Krishna College of Technology
An Autonomous Institution (Affiliated to Anna University)
KOVAMPUR CAMPUS, COIMBATORE - 641 042

Congratulates



SRIHARIHARAN V

X27623TURD049

Batch 2021-25/ADS

for getting placement offer with

Hashedin
by Deloitte



ADS

PLACEMENT SPOTLIGHT



Sri Krishna College of Technology
An Autonomous Institution (Affiliated to Anna University)
KOVAMPUR CAMPUS, COIMBATORE - 641 042

Congratulates



SUBIKSHA K P

X27621TURD052

Batch 2021-25/ADS

for getting placement offer with

n|compass
powered by Deloitte



ADS

CSE(CYS)

STUDENTS' PARTICIPATIONS



Mr Ruthirapasupathy S (Team Lead), **Mr Hari Prasath P**, **Ms Roshini V**, and **Mr Sharon Jose Antony B**, *Students of First Year B.E. CSE (CYS)*, participated in **CyberStorm 2025**, Mumbai's largest CTF competition by *Google Developer Groups* on **29 March 2025**



CSE(AIML,CYS & IOT)

FACULTY PARTICIPATIONS



The following Faculty Members Successfully completed **"Data Science with Gen AI"**, online FDP by *Innomatics Research Labs* on 7 April 2025,

- **Dr G Naveenbalaji, ASP/AIML**
- **Ms S Soundraya, AP/AIML**
- **Ms S SathyaBama, AP/AIML**
- **Ms S Pavithra, AP/IoT**
- **Ms Kiruthika S, AP/CYS**
- **Ms A Sugitha, AP/CYS**



CIVIL ENGINEERING

FACULTY ACHIEVEMENT



Dr G Selina Ruby, Asst. Professor, received a **“Reviewer Certificate”** in recognition of her contribution to the Manuscripts in 2025 for **Iranian Journal of Science and Technology, Transactions of Civil Engineering**.





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SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

CIVIL ENGINEERING

FACULTY CERTIFICATIONS



The following Members of Faculty completed a 8-week NPTEL course on **“Plastic Waste Management”** with **Elite distinction**.

1. Dr P Subashree
2. Dr N Jothi Lakshmi
3. Dr K Vedhasakthi
4. Dr G Selina Ruby
5. Mr G Jaya Kumar
6. Mr Manoj K M



CIVIL ENGINEERING

FACULTY CERTIFICATIONS



Dr V Sathish Kumar, Assoc. Professor, **Dr K Vedhasakthi** and **Dr N Shanmugasundaram**, Asst. Professors, completed a 4-week NPTEL course on **“Python for Data Science”** with **Elite distinction**.

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHANMUGASUNDARAM N
for successfully completing the course

Python for Data Science

with a consolidated score of **61** %

Online Assignments	21.67/25	Proctored Exam	39.06/75
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Total number of candidates certified in this course: 15251

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS60S443401307 To verify the certificate No. of credits recommended: 1 or 2

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR V SATHISH KUMAR
for successfully completing the course

Python for Data Science

with a consolidated score of **67** %

Online Assignments	21.67/25	Proctored Exam	45.57/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15251

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS60S443401283 To verify the certificate No. of credits recommended: 1 or 2



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SKCT DIGEST

VOL 25- ISSUE 15


APR 06 - APR 12, 2025

CIVIL ENGINEERING



FACULTY CERTIFICATIONS




Dr N Jothi Lakshmi and Mr Manoj K M, Asst. Professors, attended the NPTEL-AICTE FDP course on “Plastic Waste Management.”




NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MANOJ K M
for successfully completing the course
Plastic Waste Management
with a consolidated score of **75 %**




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras





(Jan-Mar 2025)

Roll No: NPTEL25CE455443404010 Duration of NPTEL course : 8 Weeks


The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated: 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RFPD / FDP through MOOCs / 2023.




NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JOTHI LAKSHMI N
for successfully completing the course
Plastic Waste Management
with a consolidated score of **71 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Mar 2025)

Roll No: NPTEL25CE455343405298 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated: 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RFPD / FDP through MOOCs / 2023.



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VOL 25- ISSUE 15

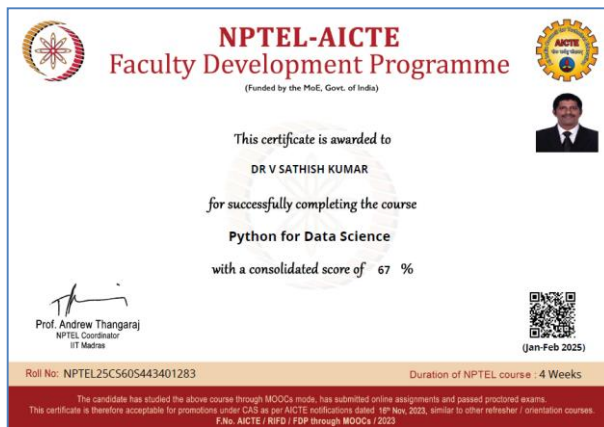
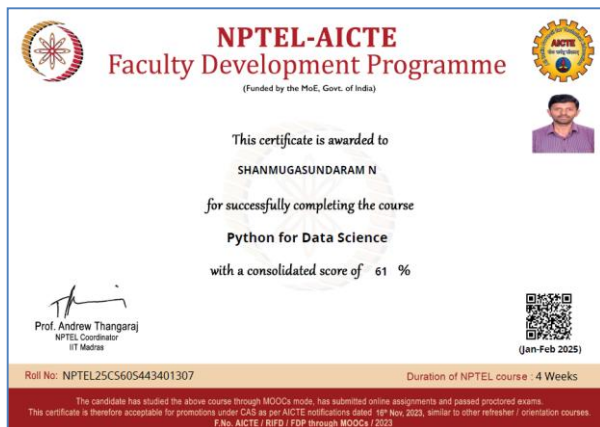
APR 06 - APR 12, 2025

CIVIL ENGINEERING

FACULTY CERTIFICATIONS



Dr V Sathish Kumar, Assoc. Professor and Dr N Shanmugasundaram, Asst. Professor, attended the NPTEL-AICTE FDP on “Python for Data Science.”



CIVIL ENGINEERING

FACULTY PARTICIPATION



Dr V Sathish Kumar, Assoc. Professor, participated in the 6th International Conference on **“Sustainable Environment & Civil Engineering”** organized by the Dept. of Civil Engineering, Easwari Engineering College.





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MECH | IT



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Band 151-200
Engineering 2024



INSTITUTION'S INNOVATION COUNCIL
Quality of Education Initiative
★★★★★

SKCT DIGEST
VOL 25- ISSUE 15
APR 06 - APR 12, 2025

CIVIL ENGINEERING

STUDENT CERTIFICATION



Ms Nivetha K, Student of Second B.E. Civil Engineering, completed a 8-week NPTEL course on **“Plastic Waste Management”** with **ELITE+SILVER** distinction.



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
NIVETHA K
for successfully completing the course
Plastic Waste Management
with a consolidated score of **75 %**

Online Assignments	22.5/25	Proctored Exam	52/75
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Total number of candidates certified in this course: 3184

Jan-Mar 2025
(8 week course)





Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CE45S443403734 To verify the certificate  No. of credits recommended: 2 or 3

CIVIL ENGINEERING

STUDENTS' CERTIFICATIONS



The following Students of Second B.E. Civil Engineering completed a 8-week NPTEL course on **“Plastic Waste Management”** with **Elite Distinction**.

1. SUJITH RAJ K
2. VIGNESH P
3. ABINESH A
4. MANIBHARATHI M
5. KAMALIKA K
6. JEEVITHA K
7. MOHNISH S
8. JEEVAN J
9. CHITRA A
10. RITHYA SREE P

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUJITH RAJ K
for successfully completing the course
Plastic Waste Management
with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 3184

Jan-Mar 2025
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ABINESH A
for successfully completing the course
Plastic Waste Management
with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: 3184

Jan-Mar 2025
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

CIVIL ENGINEERING

STUDENTS' CERTIFICATIONS



The following Students of Second B.E. Civil Engineering completed a 8-week NPTEL course on **“Plastic Waste Management.”**


- | | |
|-------------------------|-------------------|
| 1. POOVARASAN E | 1. GUNAALAN M M |
| 2. ARULKUMAR V | 2. MADHAN S |
| 3. THAMARAI SELVAN | 3. YASHINTH G |
| 4. SRIRAM G | 4. MUGESH K |
| 5. MAHENDRA PRASATH R | 5. DEEPIGA |
| 6. DHARSHAN S | 6. MUTHU SANKAR K |
| 7. MOHANRAJ E | 7. VIMAL P |
| 8. SIVASURYA D | 8. VARUN RAJA S |
| 9. RAJASREE R | 9. SURYA DEEPAN A |
| 10. NAVYA HEMA MALINI R | 10. AGILA D |

CIVIL ENGINEERING

STUDENT CERTIFICATION




Mr V Harish Rajan, Student of First B.E. Civil Engineering completed the NPTEL course on **“Introduction to Civil Engineering Profession”** with **ELITE +SILVER Distinction**.





Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
V HARISH RAJAN
for successfully completing the course





Introduction to Civil Engineering Profession

with a consolidated score of **76** %


Online Assignments	21.67/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 1686




Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM


Jan-Mar 2025
(8 week course)



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras




Indian Institute of Technology Madras



FREE ONLINE EDUCATION
swayam
विद्यया ऋतेन, ज्ञानेन ऋतेन

Roll No: NPTEL25CE35S343401605

To verify the certificate



No. of credits recommended: 2 or 3

CIVIL ENGINEERING

STUDENTS' CERTIFICATIONS



The following Students of First B.E. Civil Engineering completed the NPTEL course on “**Introduction to Civil Engineering Profession**” with **Elite Distinction**.

- | | |
|--------------------|-------------------|
| 1. MURALI PRASAD A | 1. HARINI V |
| 2. RAHUL SASENKA S | 2. DHANU S P |
| 3. NAHUL SACHIN S | 3. RAMKUMAR S |
| 4. SIVARUBAA | 4. DHARANIDHAR P |
| 5. DHARINESH V | 5. THARUN KUMAR K |
| 6. RUDHRESH R | 6. SUNDARRAJAN M |
| 7. SURESH KUMAR B | 7. ARIVUMATHI K |
| 8. NIVEDHA K | 8. THARSHINI G S |
| 9. VISHAL V | 9. ANUBANUPPRIYA |
| 10. SOWMYA JANAKI | 10. NISHA K S |
| | 11. ALWIN A |

CIVIL ENGINEERING

STUDENTS' CERTIFICATIONS



The following Students of First B.E. Civil Engineering completed the NPTEL course on **“Introduction to Civil Engineering Profession.”**

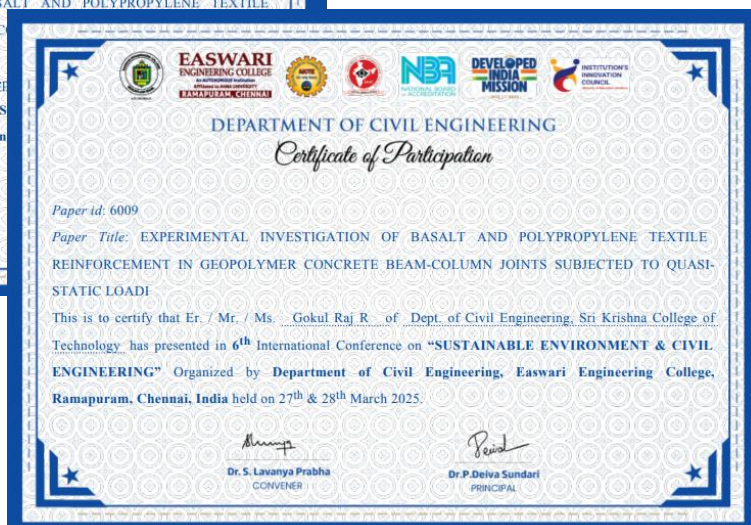
1. PARASURAM P
2. SOWTHICKSHA S
3. SOWBARANI S
4. ARJUN AS
5. ABISHEK
6. MOHAMED SALIH
7. RAJENDIRAN G
8. VISHNUPRASATH V
9. SHREEDEVI S
10. VIBUDHARSHAN
11. DARSHAN
12. GANESH KUMAR R U

CIVIL ENGINEERING

STUDENTS' PARTICIPATIONS



Ms Dishitaa S, Mr Gokul Krishnan S, Mr Gokul Raj R and Mr Vasanthakumar M, Students of Final B.E. Civil Engineering participated in the 6th International Conference on **“Sustainable Environment & Civil Engineering”** organized by the Dept. of Civil Engineering, Easwari Engineering College.



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms G Sandhya, Asst. Professor, along with Mr Danush P, Mr Balaji V, Mr Aditya K, Students of Final Year B.E.CSE,, presented **"Enhanced Breast Cancer Detection Using Hybrid Machine Learning Algorithms"** at Fifth International Conference on Artificial Intelligence and Smart Computing, Bannari Amman Institute of Technology.



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms G Sandhya, Asst.Professor, along with Ms Naveena V, Mr Lingesh M, Mr Nithees K, Students of Final Year B.E.CSE, presented "A Webserver Integrated Machine Learning Algorithm for Predicting Microbe-Disease Associations" at Fifth International Conference on Artificial Intelligence and Smart Computing, Bannari Amman Institute of Technology,



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms A Gomathy, AP/CSE, with Ms Srinithi K, Mr Shankesh R G, and Mr Yashwanth R, Students of Final Year B.E CSE, presented "Dynamic Stress Level Prediction and Adaptive Coping Strategies Using Machine Learning" at Fifth International Conference on Artificial Intelligence and Smart Computing (ICAISC'25), Bannari Amman Institute of Technology



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms A Gomathy, AP/CSE, with Ms Sree Janani M, Mr Shiv Sanker V, and Mr Vignesh S, Students of Final Year B.Tech CSE, presented "Cloud Intrusion Detection Using Advanced Machine Learning" at Fifth International Conference on Artificial Intelligence and Smart Computing (ICAISC'25), Bannari Amman Institute of Technology



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms A Gomathy, AP/CSE, with Ms Nicy Reema N, Ms Nithya D, and Ms Khaviya R, Students of Final Year B.E CSE, presented "Sign Language Recognition Using CNN and GB Technique" at Fifth International Conference on Artificial Intelligence and Smart Computing (ICAISC'25), Bannari Amman Institute of Technology



COMPUTER SCIENCE AND ENGINEERING

FACULTY PARTICIPATION



Ms A Gomathy, AP/CSE, with Ms Vismaya S, Mr Selvamurugan M, and Mr Saran U, Students of Final Year B.E CSE, presented "A Data-Driven Approach to Dyslexia Detection: Evaluating Random Forest and Logistic Regression Models with Questionnaire-Based Features" at Fifth International Conference on Artificial Intelligence and Smart Computing (ICAISC'25), Bannari Amman Institute of Technology,




ELECTRONICS AND COMMUNICATION ENGINEERING

GUEST LECTURE



Mr V Suresh Babu, Asst. Professor, delivered an online seminar on **“Demonstration of IoT Based LED Control Using Blynk and ESP8266”** for the Students and the Members of Faculties, Department of Computer Engineering, K C College of Engineering & Management Studies & Research, Thane on 04 April 2025.



EXCELSSIOR EDUCATION SOCIETY'S
K.C.COLLEGE OF ENGINEERING &
MANAGEMENT STUDIES & RESEARCH, THANE(E).
(NAAC ACCREDITED A)
DEPARTMENT OF COMPUTER ENGINEERING
NBA (CYCLE II) ACCREDITED

WEBINAR

**DEMONSTRATION OF
IOT-BASED LED
CONTROL USING
BLYNK AND ESP8266**


Mr.Suresh Babu Varadharajan
Assistant Professor

Mode- Google Meet

Date - 04 APRIL 2025
Time- 7.00 pm to 8.00pm


Asst.Prof.Suchithra C
Event Coordinator


Dr. Nita Patil
Head of Department


Dr. Vilas Nitnaware
Principal

ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENTS' PLACEMENT



Ms A Jayashree, Ms R Srinithi, and Ms G Vaishnavisripriya, Students of Final B.E. ECE, received the placement offer from **"HCL Technologies"**.

Congratulates



JAYASHREE A

727821TUEC057

Batch 2021-25/ECE



SRINITHI R

727821TUEC230

Batch 2021-25/ECE



VAISHNAVISRIPRIYA G

727821TUEC247

Batch 2021-25/ECE

for getting Placement offer with

HCLTech



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SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ELECTRONICS AND COMMUNICATION ENGINEERING

ONLINE CERTIFICATION



Ms S Maha Lakshmi, Student of First B.E. ECE, completed a 4-week course on **“Electronic Waste Management - Issues and Challenges”** with **Elite + Silver Certification** offered through NPTEL.



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MAHA LAKSHMI S

for successfully completing the course

Electronic Waste Management - Issues and Challenges

with a consolidated score of **76** %

Online Assignments	20/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **1612**

Jan-Feb 2025

(4 week course)



Skill India
कोशल भारत - कुशल भारत



Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CE15S543402534

To verify the certificate



No. of credits recommended: 1 or 2



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SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ELECTRONICS AND COMMUNICATION ENGINEERING

ONLINE CERTIFICATION



Ms T Selva Nikilaa, Student of First B.E. ECE, completed a 8-week course on **“Soft Skill Development” with Elite + Silver Certification (Topper 1%)** offered through NPTEL.



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SELVA NIKILAA T
for successfully completing the course

Soft Skill Development

with a consolidated score of **82 %**

Online Assignments	23.58/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 17346

Jan-Mar 2025

(8 week course)



Skill India
कौशल भारत - कुशल भारत



Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25HS72S643402709

To verify the certificate



No. of credits recommended: 2 or 3



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SUSTAINABLE DEVELOPMENT GOALS



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MECH | IT



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Band 151-200
Engineering 2024



INSTITUTION'S INNOVATION COUNCIL
Quality of Education Initiative
★★★★★

SKCT DIGEST
VOL 25- ISSUE 15
APR 06 - APR 12, 2025

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY CERTIFICATION



Mr V Suresh Babu, Asst. Professor, completed an 8-week course on **“Data Science for Engineers”** with **Elite Certification** offered through NPTEL.



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
V SURESH BABU
for successfully completing the course



Data Science for Engineers

with a consolidated score of **66** %

Online Assignments	23.29/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: **4636**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Mar 2025
(8 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS20S343405863

To verify the certificate



No. of credits recommended: 2 or 3



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Engineering 2024



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Library of Educational Resources

SKCT DIGEST
VOL 25- ISSUE 15
APR 06 - APR 12, 2025

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY CERTIFICATION



Dr M Arun Kumar, Asst. Professor, completed a 4-week course on “**Electronic Waste Management - Issues and Challenges**” offered through NPTEL.



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
शरीर मनो-कृष्ण चेतना

This certificate is awarded to

ARUN KUMAR M

for successfully completing the course



Electronic Waste Management - Issues and Challenges

with a consolidated score of 50 %

Online Assignments	20/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1612

Jan-Feb 2025

(4 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CE15S543402681

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ARUN KUMAR M

for successfully completing the course



Electronic Waste Management - Issues and Challenges

with a consolidated score of 50 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Feb 2025)

Roll No: NPTEL25CE15S543402681

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 19th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023



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SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PARTICIPATION



Dr M Arun Kumar, Asst. Professor, Presented the paper in the titled of **"Enhancing Mobility for Crawling Individuals using HLPR Chair"** at International Conference on Intelligent Computing and Control Systems (ICICCS 2025) organized by Nandha College of Technology, Erode during 19-21 March 2025.



ELECTRONICS AND COMMUNICATION ENGINEERING

EVENT ORGANIZED



The Department of Electronics and Communication Engineering organized the **“SERB Sponsored Two-Days Workshop on AI-Driven Image Processing: From Data-Driven to Real-Time Applications”** during 11-12 April 2025.

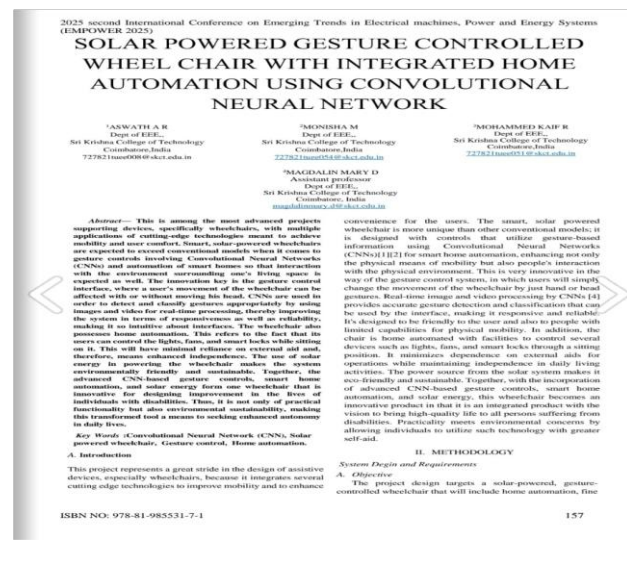


ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION



Dr Magdalin Mary D, Asst. Professor,
published **"Solar Powered Gesture Controlled Wheelchair with Integrated Home Automation using Convolutional Neural Network"** in *Second International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems (EMPOWER 2025)*, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 25-26 February 2025





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SKCT DIGEST

VOL 25- ISSUE 15

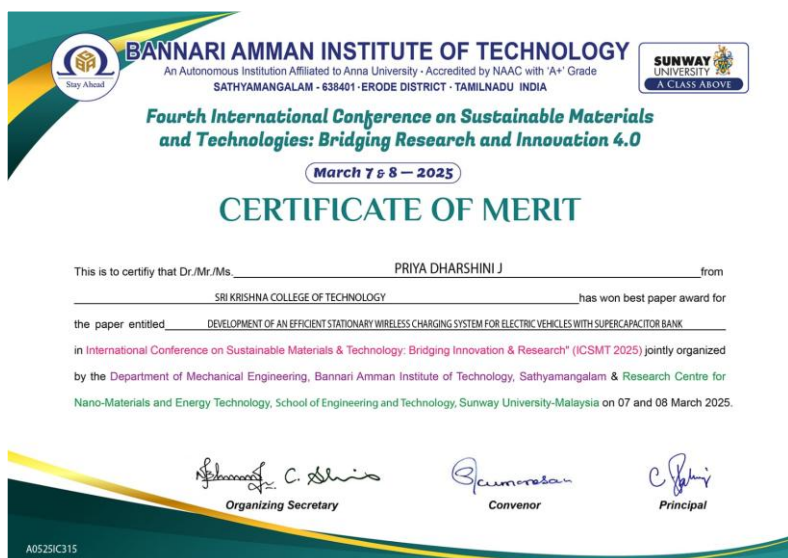
APR 06 - APR 12, 2025

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION



Dr Priyadharshini K, Asst. Professor published ***"Development of an Efficient Stationary Wireless Charging System for Electric Vehicles with Supercapacitor Bank"*** in *International Conference on Sustainable Materials & Technology: Bridging Innovation & Research (ICSMT-2025)*, Bannari Amman Institute of Technology, Sathyamangalam from 7-8 March 2025,



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION



Dr Prithivi K, Asst. Professor, along with Students of EEE Dept, published **"Hybrid Solar-Wind Power for EV Charging and Grid Support with Advanced Control"** in 5th International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025), Rohini College of Engineering and Technology, Kanyakumari from 7-9 April 2025.

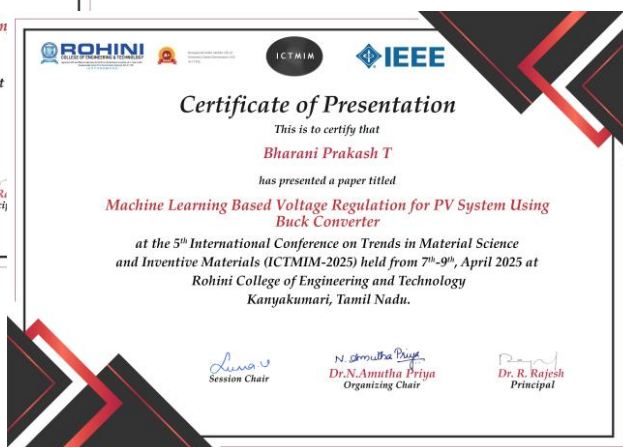
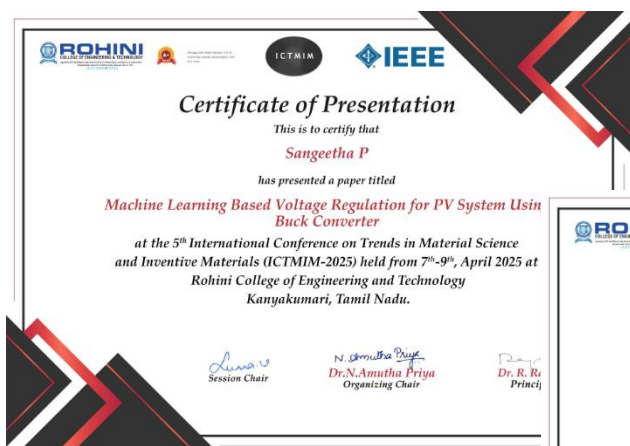


ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION



Mr Bharaniprakash T, Asst. Professor, along with Students of EEE Dept, published **"Machine Learning Based Voltage Regulation for PV System using Buck Converter"** in 5th International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025), Rohini College of Engineering and Technology, Kanyakumari from 7-9 April 2025.



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION

Dr Suresh K P, Asst. Professor, along with Students of EEE Dept, published "*Design and Implementation of Solar powered IoT based Livestock Fencing with Repeller Device for Smart Agriculture*" in 3rd IEEE International Conference on Device Intelligence, Computing, and Communication Technologies (DICCT-2025), Graphic Era (Deemed to be University), Dehradun from 21-22 March 2025



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATION



Dr Suresh K P, Asst. Professor, along with Students of EEE Dept, published *"Design and Development of Solar-based Cold Storage and Dryer System For Agri-Products"* in 3rd International Conference on Communication, Security and Artificial Intelligence, Galgotias University, Greater Noida from 4-6 April 2025





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VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY CERTIFICATION



Dr Prithivi K, *Asst. Professor/EEE Dept,*
completed **"Python for Data Science"**, online
certification course on *NPTEL* with *Elite Silver*
Certification



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRITHIVI K

for successfully completing the course

Python for Data Science

with a consolidated score of **85** %

Online Assignments	23.75/25	Proctored Exam	60.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **15251**



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)



M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS60S443400979

To verify the certificate



No. of credits recommended: 1 or 2



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VOL 25- ISSUE 15

APR 06 - APR 12, 2025

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY CERTIFICATION



Dr Jency Joseph J, Assoc. Professor/EEE Dept, completed **"Programming, Data Structures and Algorithms using Python"**, online certification course on NPTEL.



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

DR J JENCY JOSEPH

for successfully completing the course



Programming, Data Structures And Algorithms Using Python

with a consolidated score of **54** %

Online Assignments	23.96/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1792



Prof. Andrew Thangaraj

Chair
Centre for Outreach and Digital Education, IITM

Jan-Mar 2025

(8 week course)



Prof. Vignesh Muthuvijayan

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS59S443405394

To verify the certificate



No. of credits recommended: 2 or 3



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VOL 25- ISSUE 15

APR 06 - APR 12, 2025

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FACULTY CERTIFICATION



Dr Lijo Jacob Varghese, Dr Ajith B Singh, Ms Manimegalai V, Dr Priyadharshini K, Dr Abinaya N S, and Ms Elakya V, *Faculty/EEE Dept*, completed **"Python for Data Science"**, online certification course on NPTEL with *Elite Certification*



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MANIMEGALAIV
for successfully completing the course

Python for Data Science

with a consolidated score of **68** %

Online Assignments	22.5/25	Proctored Exam	45.32/75
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Total number of candidates certified in this course: 15251

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
AJITH B SINGH
for successfully completing the course

Python for Data Science

with a consolidated score of **68** %

Online Assignments	16.67/25	Proctored Exam	51.04/75
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Total number of candidates certified in this course: 15251



Skill India
कोशल भारत - कुशल भारत



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL25CS60S443404072

To verify the certificate



No. of credits recommended: 1 or 2

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY CERTIFICATION



Dr Jeevitha K, *Asst. Professor/EEE,*
completed "*Substation Design*", online certification
course on *SkillDzire* and *Swayam Plus* from *17-31*
March 2025



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PARTICIPATION



Dr Jency Joseph J, Assoc. Professor/EEE, attended **"Opportunities for Engineering Students in EV and Smart Grid in the Current Scenario"**, webinar organized by *IEEE PELS Student Chapter* and *Smart Vehicle Mission* on 3 April 2025





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APR 06 - APR 12, 2025

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PLACEMENT SPOTLIGHT



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Congratulates



MONISHA M

727821TUEE054

Batch 2021-25/EEE

for getting Placement offer with

HCLTech



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VOL 25- ISSUE 15
APR 06 - APR 12, 2025

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MECH | IT



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Band 151-200
Engineering 2024



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Quality of Education Indicator
★★★★★

Sri Krishna College of Technology

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KOVAIPUDUR CAMPUS, COIMBATORE – 641 042.

Congratulates



KALAIYARASAN S

727821TUIC013

Batch 2021-25/ICE

for getting Placement offer with

HCLTech



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VOL 25- ISSUE 15

APR 06 - APR 12, 2025

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KOVAIPUDUR CAMPUS, COIMBATORE – 641 042.

Congratulates



ARAVIND S
727821TUIC003

Batch 2021-25/ICE



SWARNA LAKSHMI D M
727821TUIC036

Batch 2021-25/ICE

for getting Placement offer with



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VOL 25- ISSUE 15

APR 06 - APR 12, 2025

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STUDENT PLACEMENT



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LAKSHMANAMANI C
727821TUEE043
Batch 2021-25/EEE



LOKESHWAR P
727821TUEE046
Batch 2021-25/EEE



DHANUSHSREE P
727821TUEE016
Batch 2021-25/EEE



DHARUNKUMAR S
727821TUEE020
Batch 2021-25/EEE

For successfully receiving placement offer with



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INFORMATION TECHNOLOGY

STUDENT PLACEMENT



Mr Ram Sundar R, Student of Third Year B.Tech IT (2022-2026), received placement offer from **ZOHO.**



INFORMATION TECHNOLOGY

STUDENT PLACEMENT



Mr Pratheesh S, *Student of Final Year B.Tech IT (2021-2025)*, received placement offer from **HCL Technologies**.



INFORMATION TECHNOLOGY

STUDENTS' INTERNSHIP



Ms Jenisha J, Ms Lathika K, Mr Lingesh A, and Mr Ritam Bhukta B, Students of Third Year B.Tech IT, received internship offers from *Accenture*.



Mr JENISHA.J



Mr LINGESH A



Ms LATHIKA K



Mr RITAM BHUKTA B

INFORMATION TECHNOLOGY

FACULTY CERTIFICATION



Ms P Dhivya, *Asst.Professor* successfully completed
"Introduction to Digital Marketing" by *Infosys
Springboard*.



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Dhivya Asst Prof IT

for successfully completing the course

Introduction to Digital Marketing

on April 9, 2025



Issued on: Wednesday, April 9, 2025
To verify, scan the QR code at <https://verify.onwingspan.com>



Congratulations! You make us proud!



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

INFORMATION TECHNOLOGY

FACULTY CERTIFICATION



Ms P Dhivya, *Asst.Professor* successfully completed "**Basics of Business Communication**" by *Infosys Springboard*.



MECHANICAL ENGINEERING

FACULTY PARTICIPATION



Dr S Sundararaj, Professor and **Dr S M Vinu Kumar**, Assoc. Professor, attended an expert talk by **Prof D R Prasada Raju**, Former Scientist, DST on “**Funding Opportunities for Extramural R&D**” at SKCET, Coimbatore.




MECHANICAL ENGINEERING


FACULTY ACHIEVEMENT



Dr Arivazhagan S, Asst. Professor, completed an online course on “**Data Science for Engineers**” offered through NPTEL.




NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)



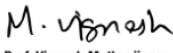
This certificate is awarded to
DR ARIVAZHAGAN S
for successfully completing the course
Data Science for Engineers
with a consolidated score of **51** %


Online Assignments	20.96/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **4636**



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Mar 2025
(8 week course)


Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras




Roll No: NPTEL25CS20S343401833 To verify the certificate  No. of credits recommended: 2 or 3

MECHANICAL ENGINEERING


FACULTY ACHIEVEMENT



Mr Aravindkumar N, Asst. Professor, completed an online course on “**Python for Data Science**” with Elite offered through NPTEL.




Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
ARAVINDKUMAR N
for successfully completing the course
Python for Data Science
with a consolidated score of **61** %


Online Assignments	23.33/25	Proctored Exam	37.76/75
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Total number of candidates certified in this course: **15251**





Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras


Indian Institute of Technology Madras


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Roll No: NPTEL25CS60S343400058

To verify the certificate



No. of credits recommended: 1 or 2



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VOL 25- ISSUE 15


APR 06 - APR 12, 2025

MECHANICAL ENGINEERING

FACULTY ACHIEVEMENT




Dr V Sreenivasan, Assoc. Professor, completed an online course on “Programming, Data Science and Algorithms using Python” offered through NPTEL.



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

V S SREENIVASAN


for successfully completing the course

Programming, Data Structures And Algorithms Using Python

with a consolidated score of **55** %


Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1792**




Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM


Jan-Mar 2025
(8 week course)



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras




Indian Institute of Technology Madras



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Roll No: NPTEL25CS59S346300150

To verify the certificate 


No. of credits recommended: 2 or 3

MECHANICAL ENGINEERING


FACULTY ACHIEVEMENT




Mr Vasanthaseelan Sathiyaseelan, Asst. Professor, completed an online course on “**Advances in Strategic Human Resource Management (HRM)**” with Elite offered through NPTEL.



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
VASANTHASEELAN SATHIYASEELAN
for successfully completing the course




Advances in Strategic Human Resource Management (HRM)


with a consolidated score of **65** %


Online Assignments	24.17/25	Proctored Exam	41.01/75
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Total number of candidates certified in this course: **1893**

Jan-Feb 2025
(4 week course)


Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

 Indian Institute of Technology Bombay



Roll No: NPTEL25MG03S643403699 To verify the certificate  No. of credits recommended: 1 or 2

MECHANICAL ENGINEERING

ACHIEVEMENT



The Members of Faculties and Students of Final B.E. Mechanical Engineering published “8 Patents” through the final year projects.

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Invention Title AUTONOMOUS SAND CLEANING ROBOT FOR COASTAL MAINTENANCE

Publication Number 13/2025

Publication Date 28/03/2025

Publication Type INA

Application Number 202541023967

Application Filing Date 15/03/2025

Priority Number

Priority Country

Priority Date

Field Of Invention CIVIL

Classification (IPC) B01D201/20(200300), B01D100/14(2000), E02B003/04(2000), A47G009/00(2000), A47J001/40(2000)

Inventor

Name	Address	Country	Nationality
Mr. PRADHU M K	NO.2, ARU VILLA, ULAGANALAYAM, MANIVANOR POST,PARAMATHI VELLUR TALUK,NAMAKKAL-637201	India	India
Mr. HARISHARAN R S	1150A, VASAN NAGAR, THIRUVARUR-611001.	India	India
Mr. JASPRAKASH S	47/3, SOCIETY STREET, INNAM MANIYACHI, KOVILPATI, THOOTHUKUDI-620502.	India	India
Mr. KOBILAN A	MANIVAN 7TH STREET, KOTTAI-1, ARANTHANGI-614015, PUDUKOTTAI.	India	India
Mr. MOHAMMAD ATIF M	228, BYE PASS ROAD, SVASAKTHI NAGAR, KODUMUDU-638151 ERODE.	India	India
SR KRISHNA COLLEGE OF TECHNOLOGY	SR KRISHNA COLLEGE OF TECHNOLOGY, KODUMUDU, COIMBATORE-641042, TAMILNADU, INDIA	India	India

Applicant

Name	Address	Country	Nationality
Mr. PRADHU M K	NO.2, ARU VILLA, ULAGANALAYAM, MANIVANOR POST,PARAMATHI VELLUR TALUK,NAMAKKAL-637201	India	India
Mr. HARISHARAN R S	1150A, VASAN NAGAR, THIRUVARUR-611001.	India	India
Mr. JASPRAKASH S	47/3, SOCIETY STREET, INNAM MANIYACHI, KOVILPATI, THOOTHUKUDI-620502.	India	India
Mr. KOBILAN A	MANIVAN 7TH STREET, KOTTAI-1, ARANTHANGI-614015, PUDUKOTTAI.	India	India
Mr. MOHAMMAD ATIF M	228, BYE PASS ROAD, SVASAKTHI NAGAR, KODUMUDU-638151 ERODE.	India	India
SR KRISHNA COLLEGE OF TECHNOLOGY	SR KRISHNA COLLEGE OF TECHNOLOGY, KODUMUDU, COIMBATORE-641042, TAMILNADU, INDIA	India	India

Abstract:

ABSTRACT The beaches in the coastal region are the main draw for visitors and it is also home to one of the biggest natural habitat in the world, the sea creatures, so beach must be kept clean. It is also noted that due to the severe difficulties faced in keeping the beach clean manually, we have designed and fabricated a beach cleaning robot which can do the sand and debris automatically. The machine mainly consists of a motor connected to the shafts of the engine and which drives the chain and sprocket mechanism. The waste is collected through chain drive using hooks or the conveyor back to the sand bed. Then the waste, picked up by the rake, are collected in the waste bin which is attached at the back of the cleaner vehicle. We have designed and manufactured a beach cleaning machine which is both cheap and easy to use. It does not have a huge learning curve. The machine runs on solar power. The electric motor is powered by solar panels. The beach sand cleaner gives an advantage over the current models available in the market which need fuel for operating the motors. This machine uses sensors and IoT for automating the navigation and movement.

Complete Specification

Description: AUTONOMOUS SAND CLEANING ROBOT FOR COASTAL MAINTENANCE

FIELD OF INVENTION

The field of invention for the automatic beach sand cleaner covers multiple domains, including mechanical applications, IoT technology and renewable energy. This invention focuses on cleaning the beaches across the world from plastics and other wastes using solar as a power source and in a fully automated way and reducing human requirement on the field. IoT is used in this project for automatic motion control, this enables the machine to navigate without any external human need.

BACKGROUND OF INVENTION

The invention of automatic beach sand cleaner is integrated with mechanical and IoT technology is driven by the need for efficient cleaning of beaches with minimum time consumption and with reduced work force. Traditional and already existing cleaning machines are non-renewable and requires huge investment in buying. These traditional machines also require high human assistance throughout the cleaning process. In this automatic beach sand cleaner the solar power is used as the power source and its simple waste collecting mechanism makes the cleaning process to easy and efficient. This machine also have automatic progression which reduces the work force required for the cleaner services is necessary. The use of IoT makes the operation of the machine automatic and reduces the time taken for the cleaner services. This invention

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Invention Title AUTOMATIC MOTORIZED DOOR OPEN AND CLOSE MECHANISM

Publication Number 13/2025

Publication Date 28/03/2025

Publication Type INA

Application Number 202541023174

Application Filing Date 15/03/2025

Priority Number

Priority Country

Priority Date

Field Of Invention ELECTRONICS

Classification (IPC) G07C009/00(2000), G05B001/50(2000), E06B009/48(2000), A01G003/10(2000), H04N005/33(2000)

Inventor

Name	Address	Country	Nationality
Dr. SANTHOSH S	11/1, 5TH STREET, RAMANUJAM NAGAR, DIGGAI, COIMBATORE-641022, TAMILNADU, INDIA	India	India
Mr. SAUMYESH G S	1/A,182,REVATHI ELLAM,MAHALAKSHMI NAGAR,MASAKALPALAYAM,COIMBATORE-641015	India	India
Mr. SHREYAS R KUMAR	33/256 SMRITHI AIMS PONDEXKARA (PO) KODCHI-682041	India	India
Mr. SANKAR P	4/171 SANKAR NIVASAPURAM KALPATHY PO PALAKKAD 578003	India	India
SR KRISHNA COLLEGE OF TECHNOLOGY	SR KRISHNA COLLEGE OF TECHNOLOGY, KODUMUDU, COIMBATORE-641042, TAMILNADU, INDIA	India	India

Applicant

Name	Address	Country	Nationality
Dr. SANTHOSH S	11/1, 5TH STREET, RAMANUJAM NAGAR, DIGGAI, COIMBATORE-641022, TAMILNADU, INDIA	India	India
Mr. SAUMYESH G S	1/A,182,REVATHI ELLAM,MAHALAKSHMI NAGAR,MASAKALPALAYAM,COIMBATORE-641015	India	India
Mr. SHREYAS R KUMAR	33/256 SMRITHI AIMS PONDEXKARA (PO) KODCHI-682041	India	India
Mr. SANKAR P	4/171 SANKAR NIVASAPURAM KALPATHY PO PALAKKAD 578003	India	India
SR KRISHNA COLLEGE OF TECHNOLOGY	SR KRISHNA COLLEGE OF TECHNOLOGY, KODUMUDU, COIMBATORE-641042, TAMILNADU, INDIA	India	India

Abstract:

ABSTRACT The present invention relates to an automatic motorized door open and close mechanism utilizing a motor-driven rotating disc system, controlled by an electronic controller (E) and infrared (IR) sensor (S) activation. The invention enables adjustable speed and door opening levels, optimizing energy efficiency and accessibility. The system incorporates a low-power DC motor (M) for operation. Designed for residential, commercial, and public spaces, this system provides a cost-effective, low-maintenance, and high-efficiency solution for automated door control.

Complete Specification

Description: AUTOMATIC MOTORIZED DOOR OPEN AND CLOSE MECHANISM

FIELD OF THE INVENTION

The present invention relates to an Automatic Motorized Door Open/Close Mechanism, specifically designed to enhance accessibility, security, and energy efficiency in residential, commercial, and public spaces. The invention utilizes a motor-driven rotating disc mechanism, controlled by an electronic controller and actuated through infrared (IR) sensors, allowing automated and adjustable door operation.

BACKGROUND OF THE INVENTION

Automatic doors are widely used in modern infrastructure to provide hands-free accessibility, improve hygiene, and enhance security. Existing automatic doors primarily rely on linear actuators, sliding mechanisms, or hydraulic systems, which may be expensive, complex to install, or require high maintenance. Conventional automatic doors often face limitations in adjustable opening levels, customized speed control, and energy efficiency. The present invention addresses these limitations by introducing a motor-driven rotating disc mechanism, which provides smooth, efficient, and customizable door operation, reducing mechanical wear and energy consumption.

OBJECTIVES OF THE INVENTION

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INSTITUTION'S INNOVATION COUNCIL

SKCT DIGEST

VOL 25- ISSUE 15

APR 06 - APR 12, 2025

MECHANICAL ENGINEERING

FACULTY ACHIEVEMENT




Mr Vasanthaseelan Sathiyaseelan, Asst. Professor, completed an online course on **“Group Dynamics”** offered through NPTEL.



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)




This certificate is awarded to
VASANTHASEELAN SATHIYASEELAN
for successfully completing the course

Group Dynamics

with a consolidated score of **54** %

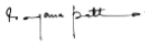
Online Assignments	24.17/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **212**




Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC


Jan-Mar 2025
(8 week course)



Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)




Indian Institute of Technology Roorkee



Roll No: NPTEL25HS30S543403400

To verify the certificate



No. of credits recommended: 2 or 3

MECHANICAL ENGINEERING

STUDENT ACHIEVEMENT



Mr T Prasanna Pandian, Students of Third B.E. Mechanical Engineering completed an online course on “User Interface Design” offered through NPTEL.

**NPTEL ONLINE CERTIFICATION**
(Funded by the MoE, Govt. of India)

**Skill India**
कौशल भारत - कुशल भारत


Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2025
(4 week course)


Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

Indian Institute of Technology RoorkeeFREE ONLINE EDUCATION
swayam
विद्यया ऽ मृतमश्नुते, अमृतमश्नुते

Roll No: NPTEL25AR09S443406393

To verify the certificate 

No. of credits recommended: 1 or 2

MECHANICAL ENGINEERING

STUDENTS PARTICIPATION



Mr Sakthivel, Mr Nithesh, Mr Pranesh, Mr Gokul Khanna and Mr Siva, Students of Final B.E. Mechanical Engineering attended a “**Job Fair**” organised by Indian Institute of Foundrymen - Coimbatore Chapter, PSG College of Technology, Coimbatore.



MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Dr Piradeep, Asst. Professor, presented a paper on “A Study on Impact of Investor Strategies towards Investment Behaviours in Stock Market with Special Reference to Coimbatore District” in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Mr R Saravanan, Asst. Professor, presented a paper on **“A Comparative Analysis of Selected Mutual Funds with Reference to Private sector and Public sector”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Dr V Gowrishankar, Asst. Professor, presented a paper on **“An Analysis on the Effectiveness of BOGO Sale, Discounts and Promotion in Retaining Customers towards Competitive Skincare Brands”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.

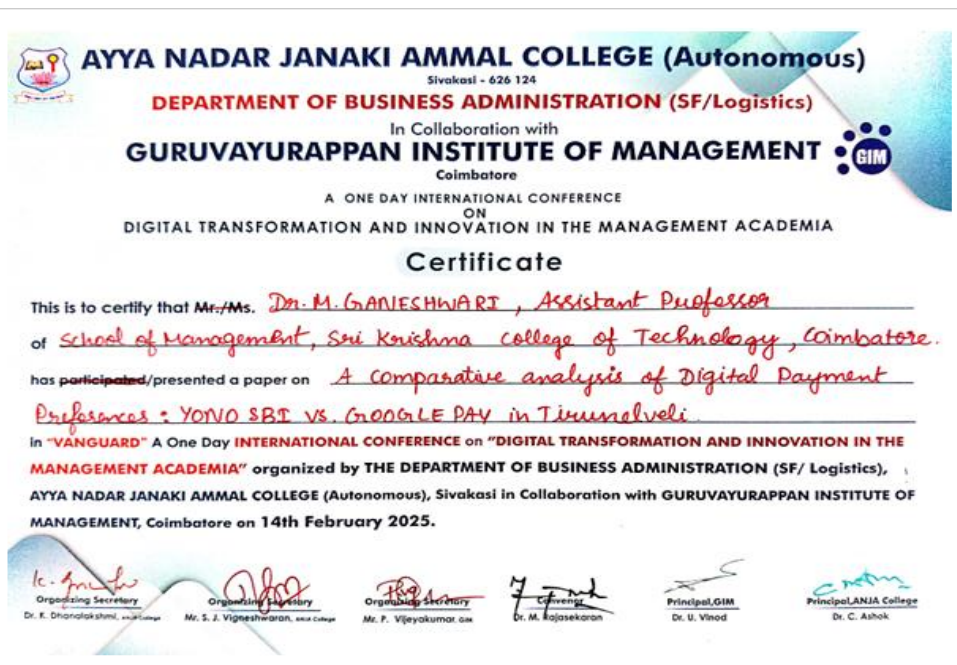


MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Dr M Ganeshwari, Asst. Professor, presented a paper on “A Comparative Analysis of Digital Payment Preferences: YONO SBI Vs Google Pay in Tirunelveli” in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Dr Sibi M S, Asst. Professor, presented a paper on “**A Comparative Analysis on Financial Stability of TATA Steel and JSW Steel**” in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



MASTER OF BUSINESS ADMINISTRATION

FACULTY PARTICIPATION



Dr Sibi M S, Asst. Professor, presented a paper on **“A Study on Financial Literacy and its Determinants in Rural Area at Coimbatore”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.





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MASTER OF BUSINESS ADMINISTRATION

STUDENT PARTICIPATION



Mr Nishanth Vannan S, Student of Second MBA, presented a paper on **“A Study on Impact of Investor Strategies towards Investment Behaviours in Stock Market with Special Reference to Coimbatore District”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.





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STUDENT PARTICIPATION



Ms M Sujitha, Student of Second MBA, presented a paper on **“An Analysis on the Effectiveness of BOGO Sale, Discounts and Promotion in Retaining Customers towards Competitive Skincare Brands”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.

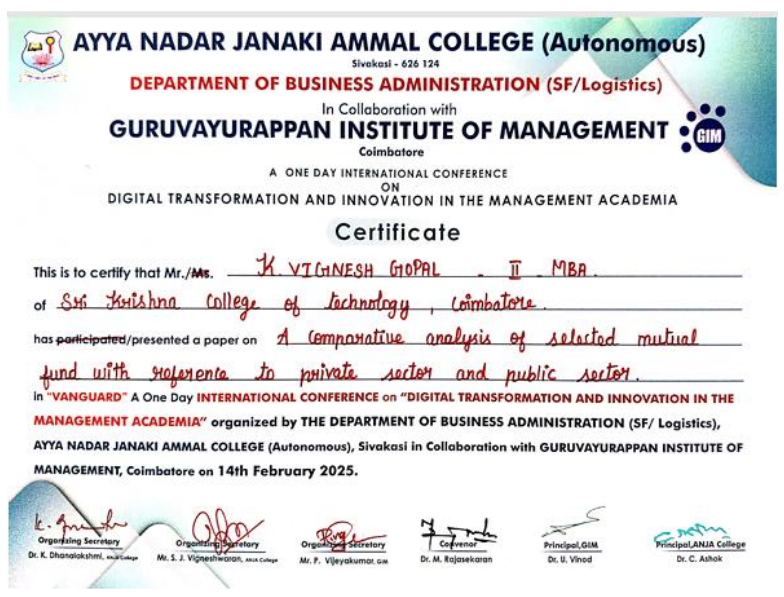


MASTER OF BUSINESS ADMINISTRATION

STUDENT PARTICIPATION



Mr K Vignesh Gopal, Student of Second MBA, presented a paper on **“A Comparative Analysis of Selected Mutual Funds with Reference to Private sector and Public sector”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



MASTER OF BUSINESS ADMINISTRATION

STUDENT PARTICIPATION



Mr J R Jarosh Karthik, Student of Second MBA, presented a paper on **“A Comparative Analysis of Digital Payment Preferences: YONO SBI Vs Google Pay in Tirunelveli”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.

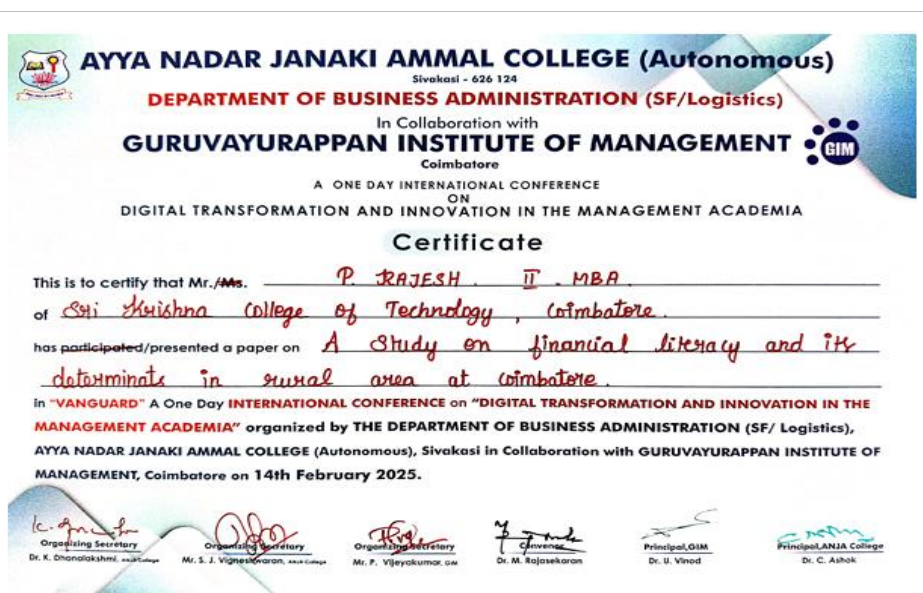


MASTER OF BUSINESS ADMINISTRATION

STUDENT PARTICIPATION



Mr P Rajesh, Student of Second MBA, presented a paper on **“A Study on Financial Literacy and its Determinants in Rural Area at Coimbatore”** in a One-day International Conference organized by Ayya Nadar Janaki Ammal college, Sivakasi in collaboration with Guruvayurappan Institute of Management, Coimbatore on 14 February 2025.



SCIENCE AND HUMANITIES

FACULTY PARTICIPATION



Ms P Jinsha, *Asst Professor*, completed **English Language Trainer Certification Program** conducted by *Reliance Foundation Skilling Academy* on *8 April 2025*.



SCIENCE AND HUMANITIES

FACULTY ACHEIVEMENT



Dr N Nalini and Dr B Swarnambigai, Asst. Professors along with Ms Madhumitha and Ms Nivetha, Students of First Year B.E .Cyber Security, presented "Corrosion Inhibition Mechanism of Copper by Substituted piperidin-4-one in acid media: Experimental and Theoretical Studies" at International Conference on Emerging Trends in Materials Chemistry (ICETMC 2025), held on 3-4 April 2025.



SCIENCE AND HUMANITIES

FACULTY ACHEIVEMENT



Dr A Venkatraj, Asst Professor, published "**Molecular Structural Spectral and HOMO-LUMO Analysis of Acemetac in Aqueous phase: A Density Functional Theory Study**" in Asian Journal of Chemistry [DOI: 10.14233/ajchem.2025.33330].



Molecular Structural, Spectral and HOMO-LUMO Analysis of Acemetacin in Aqueous Phases: A Density Functional Theory Study

B. YOGESHWARI^{1,*}, S. DEIVANAYAKI², A. SAJITHA BASU³, V. UMADENT⁴, V. REGINA DELCY⁴ and A. VENKATRAJ²

¹Department of Physics, Sri Eshwar College of Engineering (Autonomous), Coimbatore-641202, India

²Department of Physics, Sri Ramakrishna Engineering College (Autonomous), Coimbatore-641022, India

³Department of Physics, PSNA College of Engineering and Technology (Autonomous), Dindigul-624622, India

⁴Department of Physics, Dr. Mahalingam College of Engineering and Technology, Pollachi-642003, India

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Accepted: 20 February 2025;

Published online: 29 March 2025;

AJC-21939

Polar and non-polar solvents like water ($\epsilon = 78.5$), ethanol ($\epsilon = 24.852$), acetone ($\epsilon = 20.493$) and diethyl ether ($\epsilon = 4.24$) were employed to study the solubility of acemetacin, which is a non-steroidal anti-inflammatory drug (NSAID) through quantum density functional theoretical studies using B3LYP/6-31G(d) level. In present study, acemetacin was optimized in the gaseous phase and further explored in the solution phase environments. The characteristic parameters of acemetacin such as bond lengths, bond angles, total energy, dipole moment, thermal energies, specific heat, entropy and zero point vibrational energy in gaseous and solution phases were computed. The energy difference between most stable [acemetacin in water (AMN-W)] and the least stable structure [acemetacin in diethyl ether (AMN-D)] was found to be 3.76 Kcal/mol. The zero point vibrational energy of acemetacin in gas phase is found to be 225.05 Kcal/mol. The fundamental vibrational frequency analysis of acemetacin has been done by using B3LYP/6-31G(d) level and compared with the harmonic vibrational frequencies. The HOMO-LUMO analysis of acemetacin has also been investigated. The molecular electrostatic potential (MEP) map was applied to study the distribution of charge density and the location of the chemical reactivity of acemetacin.

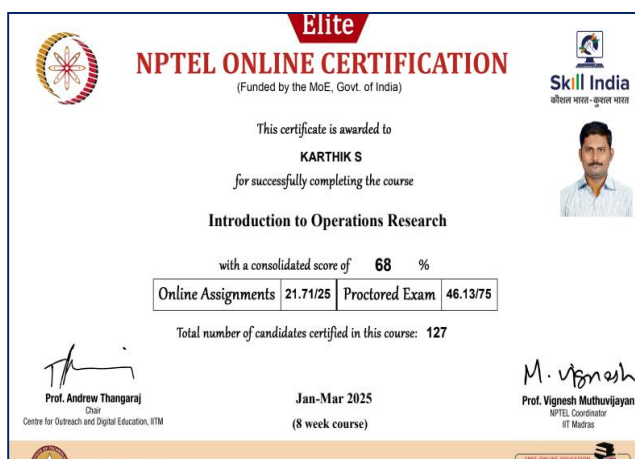
Keywords: Acemetacin, Self-consistent reaction field theory, Vibrational modes, Diethyl ether.

SCIENCE AND HUMANITIES

FACULTY ACHEIVEMENT



Ms H Shubajoythi and Mr S Karthik, Asst.Professors successfully completed *NPTEL Course in Introduction to Operation Research,*



SCIENCE AND HUMANITIES

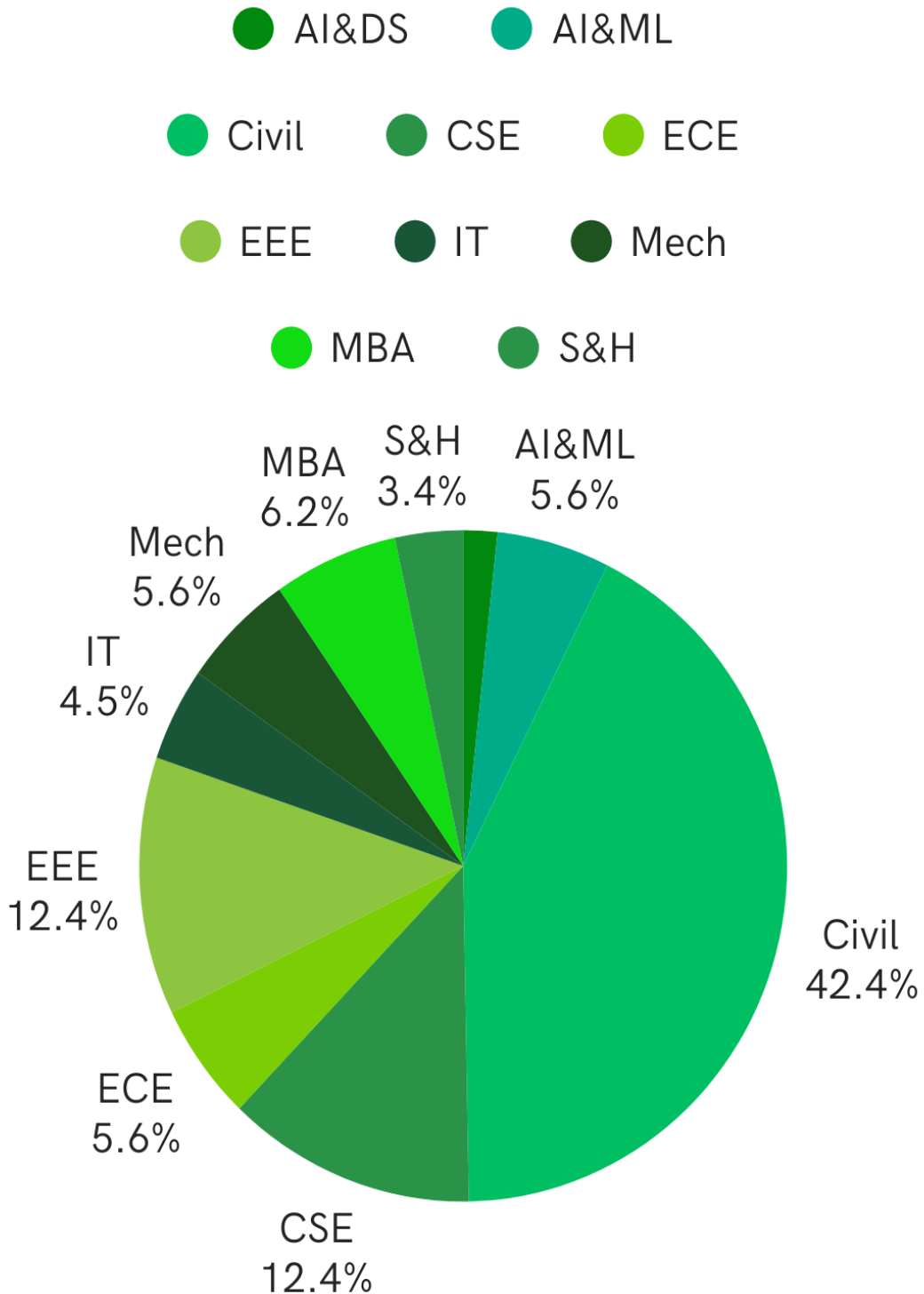
FACULTY ACHEIVEMENT



Ms P SheebaRanjani, Asst.Professor
,published **"Enhancing Load Balancing Efficiency in Distributed Systems through Linear Programming Techniques in WSCLB"** in *International Journal of Computational and Experimental Science and Engineering (IJCESSEN)*, Vol 11-No 2 (2025) pp 1927-1942,



CONTENT CONTRIBUTIONS BY THE DEPARTMENTS





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