

**SKCET**



**11<sup>th</sup> - 17<sup>th</sup> MAY 2024**



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## HACKATHON ACCOLADES



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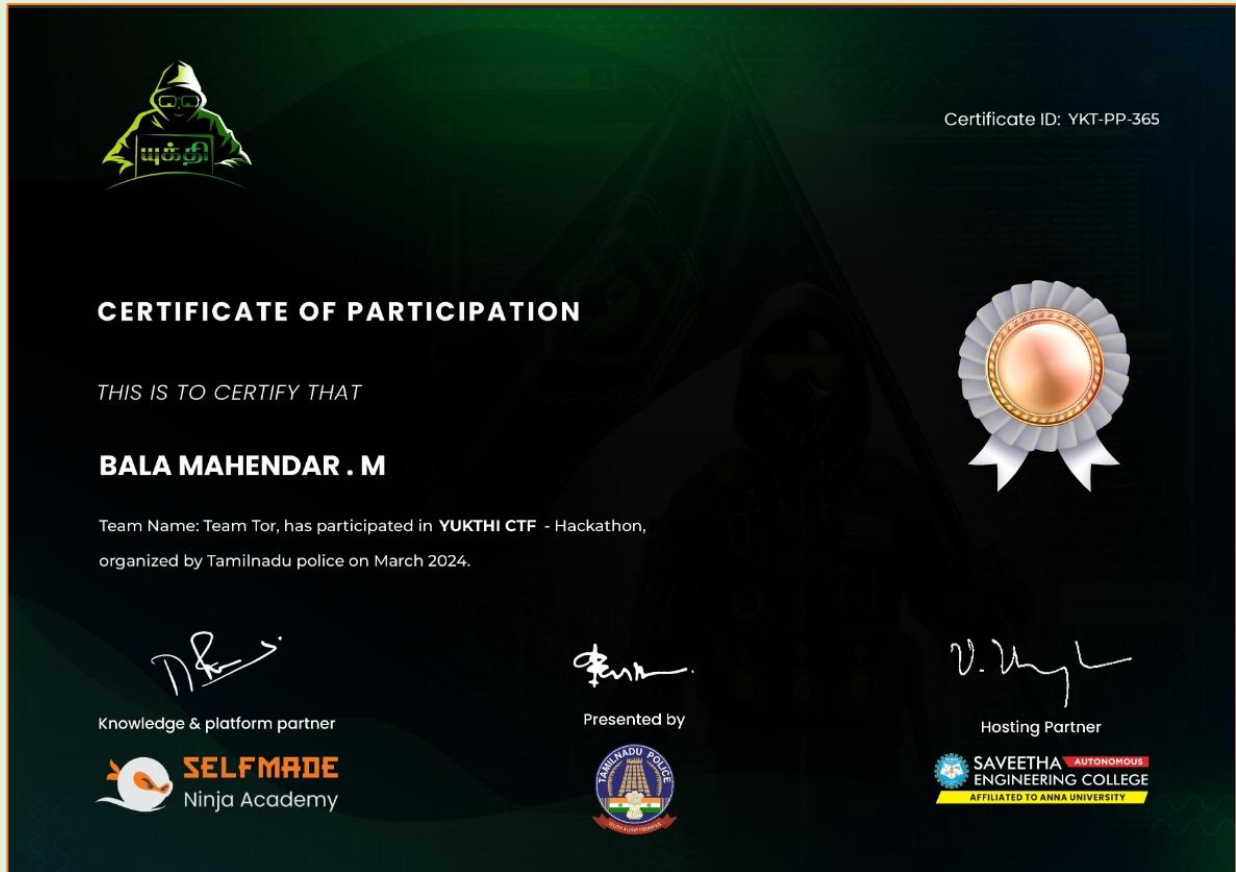
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# CSY | ELECTROBLITZ'24 - HACKATHON



**Barani Priya R C, Sahana M, Danusri S H, Subiksha R**, students of First year **Computer Science and Engineering (Cyber Security)** have participated in Paper presentation event conducted as a part of Elect-Era '24 organized by Coimbatore Institute of Technology on May 3<sup>rd</sup> and 4<sup>th</sup>, 2024.

# CSY | YUKTHI CTF – HACKATHON



**Bala Mahendar M**, student of First year **Computer Science and Engineering (Cyber Security)** has participated in YUKTHI CTF – Hackathon, organized by Tamilnadu Police on March 2024.

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PROGRESSION



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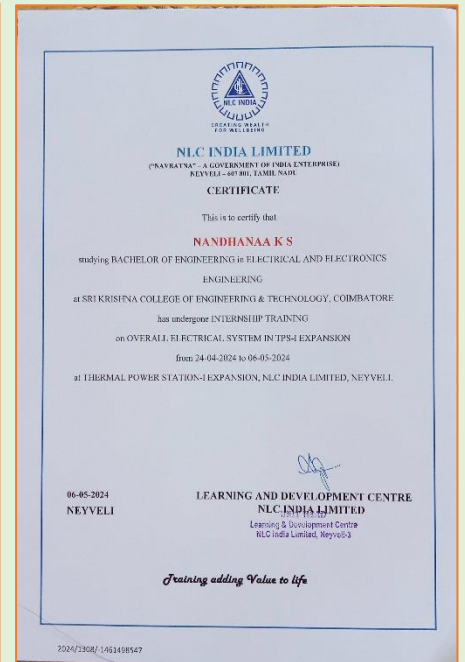


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# EEE | INTERNSHIP @ NLC INDIA LTD



**Bhuvaneshwari.K, Karishma.R and Nandhanaa.K S, students of Third year EEE have successfully completed their internship with NLC India Limited, Neyveli from 24-04-2024 to 06-05-2024.**

## CIVIL | ALUMNI ACCOLADES



**Ms.Jeyashree, prominent alumna** (2016 - 2020 Batch) from the Department of **Civil Engineering** has received an allotment order for the post of **Revenue Inspector** in the Department of Revenue and Disaster Management under TNPSC Group 2A.



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## STUDENTS CERTIFICATION



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# MCT | NPTEL CERTIFICATION

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

This certificate is awarded to  
**DEVANAND B**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **55** %

Online Assignments	23.33/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2837

Feb-Apr 2024  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24HS35663802154 To verify the certificate No. of credits recommended: 2 or 3

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

This certificate is awarded to  
**GANESH S**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **53** %

Online Assignments	22.92/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2837

Feb-Apr 2024  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24HS35663805776 To verify the certificate No. of credits recommended: 2 or 3

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

This certificate is awarded to  
**EZHIL KARTHICK K**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **56** %

Online Assignments	22.92/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 2837

Feb-Apr 2024  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24HS35663806041 To verify the certificate No. of credits recommended: 2 or 3

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

This certificate is awarded to  
**CHARANJIT M**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **46** %

Online Assignments	12.5/25	Proctored Exam	33/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 2837

Feb-Apr 2024  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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Roll No: NPTEL24HS35663806041 To verify the certificate No. of credits recommended: 2 or 3

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

This certificate is awarded to  
**ERIC ALLAN S**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **70** %

Online Assignments	23.33/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2837

Feb-Apr 2024  
(8 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24HS35663806041 To verify the certificate No. of credits recommended: 2 or 3

**B.Devanand, S. Ganesh, M.Charanjit, K.Ezhil and S.Eric KarthickAllan,** students of **Second year Mechatronics Engineering** have successfully completed the 8 week online course on “Human Behaviour”.

# EEE | NPTEL CERTIFICATION

 <p><b>Elite</b> <b>NPTEL Online Certification</b> (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to <b>SAKTHI PRIYA A R</b> for successfully completing the course</p> <p><b>Enhancing Soft Skills and Personality</b></p> <p>with a consolidated score of <b>76 %</b></p> <table border="1"> <tr> <td>Online Assignments</td> <td>21.5/25</td> <td>Proctored Exam</td> <td>54/75</td> </tr> </table> <p>Total number of candidates certified in this course:12566</p> <p>Feb-Apr 2024 (8 week course)</p> <p>Indian Institute of Technology Kanpur</p> <p>swayam</p> <p>Roll No: NPTEL24H526S453005430 To verify the certificate  No. of credits recommended: 2 or 3</p>	Online Assignments	21.5/25	Proctored Exam	54/75	 <p><b>Elite</b> <b>NPTEL Online Certification</b> (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to <b>K MRIDULA</b> for successfully completing the course</p> <p><b>Enhancing Soft Skills and Personality</b></p> <p>with a consolidated score of <b>60 %</b></p> <table border="1"> <tr> <td>Online Assignments</td> <td>22.67/25</td> <td>Proctored Exam</td> <td>37.75/75</td> </tr> </table> <p>Total number of candidates certified in this course:12566</p> <p>Feb-Apr 2024 (8 week course)</p> <p>Indian Institute of Technology Kanpur</p> <p>swayam</p> <p>Roll No: NPTEL24H526S453001330 To verify the certificate  No. of credits recommended: 2 or 3</p>	Online Assignments	22.67/25	Proctored Exam	37.75/75
Online Assignments	21.5/25	Proctored Exam	54/75						
Online Assignments	22.67/25	Proctored Exam	37.75/75						
 <p><b>Elite</b> <b>NPTEL Online Certification</b> (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to <b>NANDHINI K</b> for successfully completing the course</p> <p><b>Enhancing Soft Skills and Personality</b></p> <p>with a consolidated score of <b>63 %</b></p> <table border="1"> <tr> <td>Online Assignments</td> <td>21.67/25</td> <td>Proctored Exam</td> <td>41.25/75</td> </tr> </table> <p>Total number of candidates certified in this course:12566</p> <p>Feb-Apr 2024 (8 week course)</p> <p>Indian Institute of Technology Kanpur</p> <p>swayam</p> <p>Roll No: NPTEL24H526S453003000 To verify the certificate  No. of credits recommended: 2 or 3</p>	Online Assignments	21.67/25	Proctored Exam	41.25/75	 <p><b>Elite</b> <b>NPTEL Online Certification</b> (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to <b>SACHIN V</b> for successfully completing the course</p> <p><b>Enhancing Soft Skills and Personality</b></p> <p>with a consolidated score of <b>76 %</b></p> <table border="1"> <tr> <td>Online Assignments</td> <td>22.38/25</td> <td>Proctored Exam</td> <td>53.25/75</td> </tr> </table> <p>Total number of candidates certified in this course:12566</p> <p>Feb-Apr 2024 (8 week course)</p> <p>Indian Institute of Technology Kanpur</p> <p>swayam</p> <p>Roll No: NPTEL24H526S453005490 To verify the certificate  No. of credits recommended: 2 or 3</p>	Online Assignments	22.38/25	Proctored Exam	53.25/75
Online Assignments	21.67/25	Proctored Exam	41.25/75						
Online Assignments	22.38/25	Proctored Exam	53.25/75						

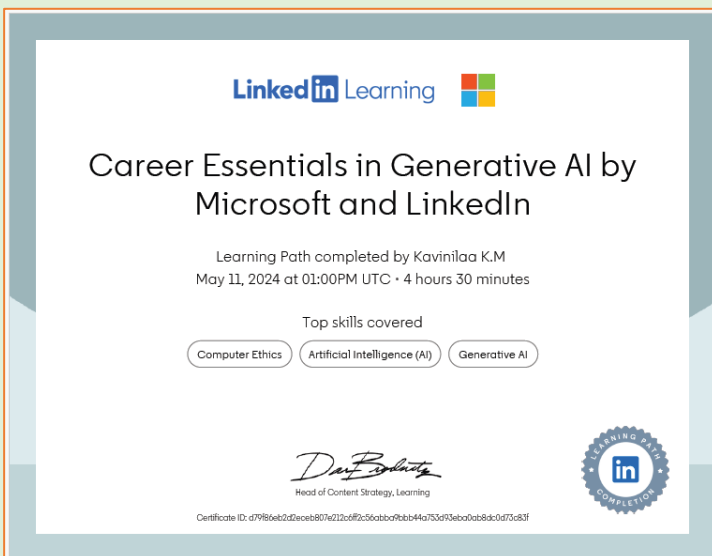
**First year EEE students have successfully completed NPTEL online course on “Enhancing Soft Skills and Personality” during February to April 2024. Two students have received Elite + Silver Certificate and 13 students have received Elite Certificate.**

# AI&DS | ETHICAL HACKING MASTERCLASS



**Amisha Ashiq Ali** and **Kavinilaa.K.M**, students of First year **AI&DS** have attended “**Ethical Hacking Masterclass**” hosted by **Nikistian Media Private Limited**.

# AI&DS | LINKEDIN LEARNING



**Kavinilaa K.M**, student of **First year AI & DS A** has successfully completed a course titled “**Career Essentials in Generative AI by Microsoft and LinkedIn**” offered by **LinkedIn Learning**.

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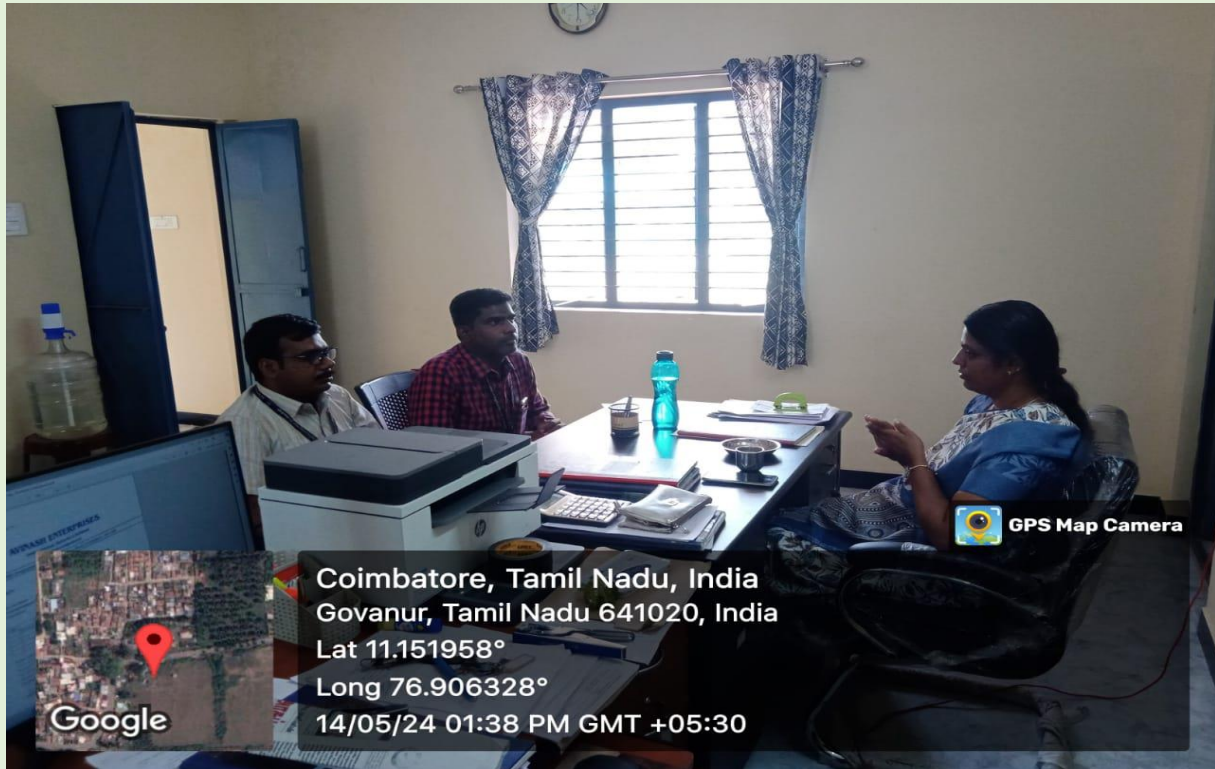
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## EVENTS



## EEE | PROJECT MEETING



**Dr.P.Vinoth Kumar** and **Dr.G.Radhakrishnan**, Associate Professors of **EEE** Department visited **Govanur Village Panchayat Office** regarding **DST- CEST** project implementation and interacted with **Ms.Santhi Priya**, President, Naikanpalayam Panchayath, Perianaikanpalayam, Coimbatore. The discussion centered around the procedure for obtaining permission from the forest department for installing windmills and other facilities.

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## PLACEMENT AND TRAINING



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## EEE | TESTIMONIAL BY PLACED STUDENTS

I would like to express my heartfelt gratitude to Sri Krishna Family. I would also like to extend my regards and thanks to the faculty members of my department who are integral to my success and enabled me to have a positive approach in life. I am privileged to be a part of the SKCET family. The management provided us with excellent placement training programs and numerous campus interview opportunities. "Success is the sum of small efforts – repeated day in and day out." Throughout my academic journey, I was encouraged by the faculty members and my EEE Department's dedication, expertise and willingness to go the extra mile to support students for better future. I can say that SKCET has been the best part of my life. We were well trained for placements and because of the training I got placed in Hitachi Energy. I genuinely thank all professors who made my college life a happy memory.

**HEMADHARSHINI S**  
**EEE (2024 Batch)**  
**HITACHI ENERGY**





## PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

I am Lavanya V. I am delighted to share my enriching experience as a student of the Electrical and Electronics Engineering program at SKCET. Throughout my journey, SKCET has not only provided an exceptional academic foundation but also fostered an environment conducive to holistic growth.

The opportunities presented at SKCET, be it through engaging research projects or insightful internships, have significantly contributed to my academic and personal development. The college's emphasis on both extracurricular activities and academics has equipped me with a diverse skill set essential for thriving in the professional world. SKCET's focus on nurturing technical proficiency, leadership acumen and effective communication skills has been pivotal in shaping my career trajectory. It is due to these honed abilities that I have been fortunate to receive offers from industry leaders like Schwing Stetter and Capgemini.

I extend my sincere gratitude to the placement cell for their unwavering support and guidance throughout the placement process. Additionally, I am thankful to the faculty members whose dedication has been instrumental in my growth and success. As I embark on this new chapter of my career, I carry with me the invaluable lessons and experiences gained at SKCET. I am deeply appreciative of the opportunities provided and the learning environment fostered by SKCET, which have been pivotal in shaping my professional journey.

**LAVANYA V,  
EEE (2024 Batch)  
SCHWING STETTER AND CAPGEMINI**



## PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

I'm Stanely G, a proud Mechatronics graduate from SKCET. SKCET's rigorous curriculum and dedicated faculty have not only equipped me with technical expertise but also instilled in me the ability to adapt and excel in dynamic environments. Securing placements in renowned companies like TCS, Mu Sigma, and Accenture is a testament to the quality education and training provided here. I'm immensely thankful to my parents and the entire SKCET community for their unwavering support. SKCET has truly been a stepping stone towards my career success and I'm excited to embark on this new journey with confidence and enthusiasm.

**STANLEY G,  
MCT (2024 Batch)  
TCS, MU SIGMA AND ACCENTURE**



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## RESEARCH AND DEVELOPMENT



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## R&D | PAPER PUBLICATION | ECE

onlinelibrary.wiley.com/doi/10.1002/dac.5750

International Journal of  
**COMMUNICATION systems**

RESEARCH ARTICLE

**A source location privacy protocol-based energy-efficient and link-reliable multi-scale bifurcated deep Capsnet routing in social Internet of Things**

Gowtham Mariappan Sakhivel ✉ Arunkumar Subramanian ✉ Jamaesha Syed Mohamadu ✉ Ramkumar Muthukrishnan ✉

First published: 20 March 2024 | <https://doi.org/10.1002/dac.5750>

**Funding information:** This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

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**Summary**

Source location privacy is a developing research topic in the social Internet of Things. Source location privacy holds paramount importance in security critical wireless sensor network applications like tracking and monitoring. Several methods have been proposed for source location privacy in the social Internet of Things, but the existing methods have some issues such as improper path selection, the transmission of duplicate messages, and low network lifetime. To overcome these issues, a source location privacy protocol based on energy-efficient and link-reliable multi-scale bifurcated deep Capsnet routing in the social Internet of Things is proposed in this manuscript. At first, the optimal route for the source is selected with the help of energy-efficient and link-reliable routing; this method helps to avoid improper path selection. To estimate the quality of the selected optimal path, the multi-scale bifurcated deep Capsnet is applied. The introduced method is executed in MATLAB. The introduced method's performance is estimated with the aid of several performances evaluating metrics like sensitivity, energy consumption, network lifetime, safety period, and delay.

**Dr.M.Ramkumar,** Associate Professor, Department of **ECE**, has published SCI and Scopus indexed Journal titled **“A source location privacy protocol-based energy-efficient and link-reliable multi-scale bifurcated deep Capsnet routing in social Internet of Things”** in International Journal of Communication Systems. DoI: <https://doi.org/10.1002/dac.5750>.

## R&D | PAPER PUBLICATION | MCT

**Mr.S.Madhan Kumar,** Assistant Professor of **MCT** has published a paper titled **“Energy and Environmental Analysis in an Indirect Solar Dryer with Flat Coil Inserted Phase Change Material”** in Sustainable Energy Technologies and Assessments. This is a Scopus indexed Journal publication.

Sustainable Energy Technologies and Assessments 66 (2024) 103805

Contents lists available at ScienceDirect

**Sustainable Energy Technologies and Assessments**

Journal homepage: [www.elsevier.com/locate/sets](http://www.elsevier.com/locate/sets)

**Energy and environmental analysis in an indirect solar dryer with flat coil inserted phase change material**

S. Rajesh<sup>a,\*</sup>, S. Sekar<sup>b</sup>, S. Madhankumar<sup>c</sup>

<sup>a</sup> Department of Mechanical Engineering, R.M.E. Engineering College, Thiruvallur 601306, India  
<sup>b</sup> Department of Mechanical Engineering, Rajalakshmi Engineering College, Chennai 600125, India  
<sup>c</sup> Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore 641006, India

**ARTICLE INFO**

**Keywords:**  
Indirect solar dryer  
Phase change material  
Coccoloba growth  
Drying kinetics  
Energy analysis  
Environmental analysis

**ABSTRACT**

Solar energy, an extensively adopted renewable energy source, finds application in drying processes. This research investigates the performance of an indirect Solar Dryer (ISD) using three conditions in a solar collector without Energy Storage Material (ESM) with ESM featuring paraffin wax as Phase Change Material (PCM) and with ESM incorporating aluminum flat coil inserted PCM. The experimentation took place under autumn and summer climatic conditions for drying *Coccoloba* growth. Six experimental scenarios have been directed to analyze the drying kinetics, energy, and environmental impacts. The initial moisture content of a 2.5 kg product reduced from 2.31 kg of water (92.5 % w.b) to 0.25 kg of water (10 % w.b) within 10.25 h using ISD with ESM equipped with aluminum flat coil inserted PCM during summer climatic condition (Scenario 6). Scenario 6 achieved a maximum thermal efficiency of about 21.05%. Environmental impact assessment revealed an Energy Payback Time (EPT) of 1.44 years for scenario 6. In scenario 6, CO<sub>2</sub> emissions, mitigation, and carbon credits amounted to 24.11 kg/year, 20.12 tons, and \$180.6 to \$402.4, respectively, over the expected 35-year lifespan. The research suggests that the developed ISD stands as a potentially effective commercial drying method, demonstrating better performance in terms of energy efficiency and environmental sustainability.

**Introduction**

Food products should be preserved to minimize post-harvest losses and provide a sustainable supply of resources for use later on [1]. Drying, recognized as one of the earliest and sophisticated methods of preservation, has been employed since ancient times. Solar drying, representing a promising alternative to industrialized drying techniques, presents a sustainable, energy-efficient approach to the preservation process, and reduce environmental pollution [2]. Based on how solar energy is used, solar dryers are generically divided into three groups: direct, indirect, and mixed-mode. In a direct solar dryer, products are exposed directly to sunlight, leading to an elevation in product temperature and subsequent reduction in moisture content. In contrast, with ISD, products are kept in a covered chamber. With this setup, the product only receives the warm air produced by the solar collector, which makes it easier to extract the water content while mitigating problems linked to exposure to the open environment. The mixed-mode solar dryer, on the other hand, seamlessly integrates the ISD and direct dryers is the disruption of the drying operation during nighttime or periods of lower radiation. This interruption can adversely impact the performance of the dried commodity, leading to suboptimal outcomes. Therefore, it is very recommended that solar dryers be fitted with an additional energy storage system. This secondary heating mechanism serves to bridge during unfavorable climate conditions, ensuring consistent and reliable drying processes even in less favorable weather scenarios [3]. Several researchers have contributed to the development of ISD with combined performance-enhancing techniques. These methods include storing heat through sensible or latent heat, recirculation systems, backup warming mechanisms, and other innovative approaches aimed at optimizing the efficiency of drying. By resolving the unpredictable nature of solar resources, the use of ESM for solar dryers not only improves system performance but also reliability [4]. The heat-storing process contributes a major factor in reducing the rate of imbalance between the demand and supply of energy. Storing extra energy produced during peak sun hours and using it during off-peak times or when the sunlight's intensity is inadequate can greatly boost the effectiveness of a drying device [7,8].

# R&D | BOOK CHAPTER PUBLICATION | EEE



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- Chapter 2** Deep Learning Interpretation of Biomedical Data in IoMT  
*M. Senthamil Selvi, P.V. Kavitha, P.V. Deepa, and Ahmed A. Elngar*
- Chapter 3** Machine Learning for Decision Support Systems in IoMT  
*T. Kokilavani, K. Kannan, K.S. Yamuna, B. Sangeetha, and M. Vetrivel*
- Chapter 4** Secure Healthcare Systems: Recent and Future Applications  
*K. Umagathy, T. Dineshkumar, M. A. Archana, S. Omkumar, and W. Boonsong*
- Chapter 5** Transforming Healthcare Management: Combining Blockchain, P2P Networks, and Digital Platforms  
*Janhvi Rajyaguru and Lakshmi D*
- Chapter 6** Convergence of IoMT and Blockchain for Emerging Personalized Healthcare System: Challenges and Use Cases

**Dr.T.Kokilavani,** Associate Professor, **EEE** Department has published a book chapter entitled **“Machine Learning for Decision Support Systems in IoMT”** in Technological Advancement in Internet of Medical Things and Blockchain for Personalized Healthcare, Book Volume with ISBN:9781003405450 published by Taylor and Francis. The DOI of the book is 10.1201/9781003405450

# R&D | MILESTONE ACHIEVEMENT | EEE

**Dr.K.C. Ramya,** Professor and Head, Department of **EEE** has achieved a significant breakthrough with her research articles, garnering widespread recognition and surpassing prestigious milestone of **over 1000 citations** from the global research community.

**Ramya K C**  
Professor & Head, Department of EEE, Sri Krishna College of Engineering and Technology.  
Verified email at skcet.ac.in

Electric Drives and Control Optimization Techniques  
Renewable Energy Systems

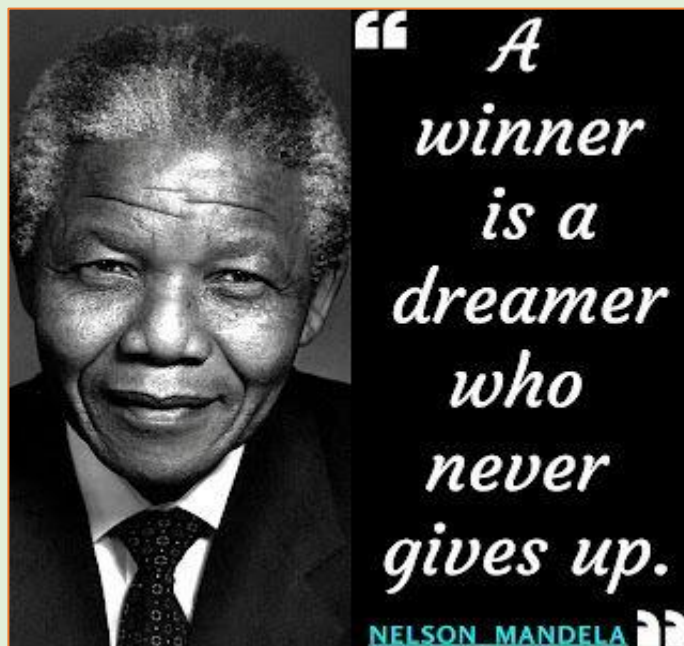
	ARTICLES	CITED BY	PUBLIC ACCESS	CO-AUTHORS
			All	Since 2019
Citations		1001		920
h-index		14		13
i10-index		15		15

# R&D | PATENT PUBLICATION | CSBS

(12) PATENT APPLICATION PUBLICATION (19) INDIA	(21) Application No. 202441032070 A
(22) Date of filing of Application : 23/04/2024	(43) Publication Date : 26/04/2024
(54) Title of the invention : RECOGNI : MEMORY COMPANION	
<p>(71) Name of Applicant :  <b>1Subhash R</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>2Dr. G. Ignisha Rajathi</b>                  Address of Applicant: Associate Professor, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>3Hari Krishnan R</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>4Yogeeswaran G</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>5Raja Balaji N</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>6Rishwan S</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>7Rajeshwar S</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>8Rithin Rajasekaran</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>9Rohith S</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....  <b>10Sriram A</b>                  Address of Applicant: UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore. ....</p>	
<p>(57) International Classification: B04W0004021000, G06Q0900000000, G06R0205100000, G10R00270000, A61B0005100000</p> <p>(86) International Application No: NA                  Filing Date: NA</p> <p>(87) International Publication No: NA                  Filing Date: NA</p> <p>(51) Patent of Addition to Application Number: NA                  Filing Date: NA</p> <p>(62) Divisional to Application Number: NA                  Filing Date: NA</p>	
<p>(57) Abstract:                  While people with amnesia may have a hard time dealing with day-to-day life problems, there is one important thing that needs to be discovered, how to deal with these tragedies and how to improve their quality of life. The year was 2019 in the middle of the daily hectic of Mumbai, a woman suddenly got lost and she could barely remember who the person was. So she found herself unable to recognize her identity and also in the process she could not locate herself. Apart from all these overwhelming circumstances, she has begun a magnificent journey of self-discovery. She is like a broken vessel and what she did was to gather successive pieces of her past together fragment by fragment until she became fully whole again. Recently, the innovative app now provides a beacon of hope in the world of amnesia that is growing without bound which drastically affect people's lives. All culminated in our own efforts to enhance memory management, facilitate community engagement and provide emergency support. Recently, a new platform that facilitates this self-discovery process introduced novel features like geotagging reminders, personalized notes, and voice recordings would give more power to the individuals to face their memories with comfort and confidence like the protagonist who is finding out herself makes the best out of Mumbai. Recognize that by filling in regular management and emergency response apps, to which people who suffered from amnesia may have tools to gather their memories, communicate with their support community, and prevent physical harm in the complex situations.</p>	
No. of Pages : 12, No. of Claims : 9	
The Patent Office Journal No. 17/2024 Dated 26/04/2024 <span style="float: right;">39656</span>	

**Subhash R, Hari Krishnan R, Yogeeswaran G, Raja Balaji N, Sivanesan S, Rajeswar S, Rithin Rajasekaran, Rohith S, Sriram A**, students of Second year CSBS have published a patent titled **“Recogni: Memory Companion”**, in the Patent Office, Government of India on 26.04.2024 with the Application No.202441032070A. The team was mentored by **Dr. G. Ignisha Rajathi**, Associate Professor, Computer Science and Business Systems.

# LEGANDARY INSIGHTS



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## FACULTY\* PROGRESSION



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# CSE | FACULTY AS RESOURCE PERSON

**NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)**  
An ISO 9001:2015 & 14001:2015 Certified Institute, Affiliated to Anna University, Chennai. Approved by AICTE, New Delhi, Recognized by UGC with 2(B) & 12(B) Re-accredited by NAAC "A+", NBA Accredited (UG Courses: AERO & CSE) Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105.

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
*Organizes*

*Chief Guest*

**Seminar On**  
**FUTURISTIC TRENDS IN HUMAN ASSISTED COGNITIVE COMPUTING SCIENCE**

**Prof.M.Vengateshwaran M.E., (Ph.D)**  
Assistant Professor in CSE  
Department of Computer Science & Engineering  
Sri Krishna College of Engineering and Technology (Autonomous)  
Coimbatore

Date : 10/05/2024 (Friday) | Venue : Seminar Hall  
Time : 10:00am

<b>CO-ORDINATORS</b> Dr. N.Rathinakumar Jeni narayanan, L.A	<b>CONVENOR</b> Dr. K.Sivakumar HOD:IT	<b>CO-PATRON</b> Dr. N. K. Sakthivel Dean Academics	<b>PATRON</b> Dr. P. Maniarasan Principal,NIET	<b>PATRON</b> Dr. H.N Nagaraja Executive Director-NGI	<b>CHIEF PATRON</b> Dr. P. Krishnakumar CEO & Secretary-NGI
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**Mr.M.Vengateshwaran**, Assistant Professor, **CSE**, has been the Resource Person for a seminar entitled "**Futuristic Trends in Human Assisted Cognitive Computing Science**" on 10.05.2024 at Nehru Institute of Engineering and Technology (Autonomous), Coimbatore.



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## FACULTY CERTIFICATIONS



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## ECE | NPTEL CERTIFICATION



**Ms.U.Vanitha,** Assistant Professor of **ECE** has successfully completed NPTEL course on “**Enhancing Soft Skills and Personality**” with Elite silver .

## MCT | NPTEL CERTIFICATION



**Dr.R.Gopinathan,** Associate Professor of **MCT** has been awarded with Elite certificate for successfully completing the online course on “**Computer Integrated Manufacturing**” with a consolidated score of 73%.

## EEE | NPTEL CERTIFICATION



**Ms.G.Mahalakshmi**, Assistant Professor, **EEE** Department has completed 8 week course on **“Enhancing Soft Skills and Personality”** with **Elite Certificate** organized by Indian Institute of Technology, Kanpur during February-April 2024.

## CIVIL | IA TRAINING



**Dr.S.Sadheesh** and **Mr. R. Vighnesh**, Assistant Professors, Department of **Civil**, have undergone Innovation Ambassador (IA) training 'Foundation Level' (Total 16 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IC calendar year.

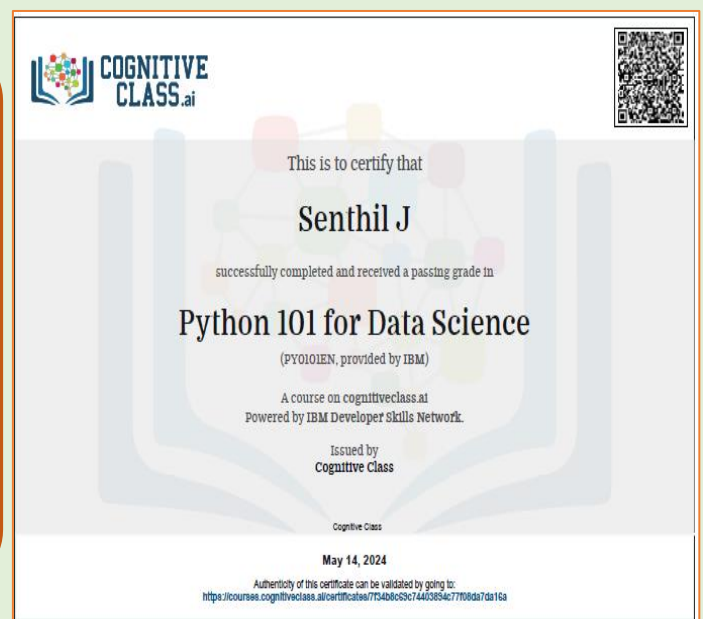
## M.TECH CSE | IA TRAINING



**Mr. J. Senthil**, Assistant Professor, Department of **M.Tech CSE** has successfully participated in Innovation Ambassador Foundation Level (IA) Training course conducted by MoE Innovation Cell and AICTE.

## M.TECH CSE | PYTHON 101 FOR DATA SCIENCE

**Mr. J. Senthil**, Assistant Professor, Department of **M.Tech CSE** has successfully completed an online course titled “**Python 101 for Data Science**” conducted by IBM Developer Skills Network and Cognitive AI on 14.5.2024.



## CSE | NPTEL CERTIFICATION

Dr. Granty Regina Elwin J, Associate Professor, CSE has been awarded **Elite** for successfully completing the **NPTEL** course on “**Enhancing Soft Skills and Personality**” with a consolidated score of **92%**.

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

This certificate is awarded to  
**GRANTY REGINA ELWIN J**  
for successfully completing the course  
**Enhancing Soft Skills and Personality**  
with a consolidated score of **92 %**

Online Assignments	24/25	Proctored Exam	67.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 12566

Feb-Apr 2024  
(8 week course)

Roll No: NPTEL24HS26S453804221      To verify the certificate      No. of credits recommended: 2 or 3

## CSE | NPTEL AICTE FACULTY DEVELOPMENT PROGRAMME

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

This certificate is awarded to  
**GRANTY REGINA ELWIN J**  
for successfully completing the course  
**Enhancing Soft Skills and Personality**  
with a consolidated score of **92 %**

Feb-Apr 2024

Roll No: NPTEL24HS26S453804221      Duration of NPTEL course : 8 Weeks

Dr. Granty Regina Elwin J, Associate Professor, CSE has been awarded for successfully completing the NPTEL-AICTE Faculty Development Programme on “**Enhancing Soft Skills and Personality**” with a consolidated score of **92%**.

## CSE | NPTEL CERTIFICATION

**Ms.Gowthamani R**, Assistant Professor, **CSE** has been awarded **Elite Certificate** for successfully completing the **NPTEL** course on “**Foundation of Cloud IoT Edge ML**” with a consolidated score of **77%**.

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

This certificate is awarded to  
**GOWTHAMANI R**  
for successfully completing the course  
**Foundation of Cloud IoT Edge ML**  
with a consolidated score of **77 %**

Online Assignments	23.46/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 3022

Feb-Apr 2024  
(8 week course)

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

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL24CS26S653805041 To verify the certificate No. of credits recommended: 2 or 3

## CSE | NPTEL AICTE FACULTY DEVELOPMENT PROGRAMME

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

This certificate is awarded to  
**GOWTHAMANI R**  
for successfully completing the course  
**Foundation of Cloud IoT Edge ML**  
with a consolidated score of **77 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2024)

Roll No: NPTEL24CS26S653805041 Duration of NPTEL course : 8 Weeks

**Ms.Gowthamani R**, Assistant Professor, **CSE** has successfully completing the **NPTEL - AICTE Faculty Development Programme** “**Foundation of Cloud IoT Edge ML**” with a consolidated score of **77%**.

## AI&DS | MICROSOFT CERTIFICATION

**Mr.G.S.Pugalendhi**, Assistant Professor of **AI&DS** has successfully completed a course titled **“Design a Machine Learning Operations Solution”** offered by **Microsoft** on **15.05.2024**



## IT | FDP ON TENSORFLOW FOR ML



**Dr.V.Sindhu** Assistant Professor-IT has participated in 15 hours of FDP on **“TensorFlow for Machine Learning”** conducted by ICT 06-05-2024 to 11-05-2024.

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# ECE | ALUMNI INDUCTION PROGRAMME



Department of **ECE** organized an Alumni Induction Programme for the Batch 2024 on 09.05.2024. The resource person of the event is **Mr.S.Thamarai Kannan**, (2001-2005 Batch Alumnus), Secretary - SKCET Alumni Association & Proprietor, Virtual Technologies Coimbatore. **Dr.V.Ragavi**, Dean, Student Affairs addressed the students and encouraged them to contribute back to the Alma mater and stay focused and energized remembering college days.

**Dr. S.Sasipriya**, HoD, ECE welcomed and encouraged the students to actively involve in Consistent Contribution and Engagement through various Alumni Activities.

**Mr.S.Thamarai Kannan**, Alumni Secretary, highlighted the importance of staying connected with the institution and sighted few examples towards academic contribution to the Alma Mater.



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## CIVIL | CREATIVE CORNER

## அவள்

அனேகம் முகம் கொண்டவள்  
ஆயிரம் ஆசை உடையவள்  
அக்னியைப் போல் வெடிப்பவள்  
ஆணவமில்லா உருவம் அவள்  
இன்பம் பெருக்கும் அலை அவள்  
ஈடில்லா கோபம் வெளிப்படுத்துபவள்  
இணையற்ற அன்பு செலுத்துபவள்  
ஈட்டியைப் போல் வார்த்தையை எரிபவள்  
எவரையும் எதிர்க்கும் துணிவு கொண்டவள்  
உணர்வுகளுக்கு மரியாதை கொடுப்பவள்  
எமாற்றத்தை தாங்க முடியாதவள்  
எந்த நிலையிலும் உடையாதவள்  
ஏக்கம் எனும் எண்ணம் சூழ்ந்தவள்  
ஐங்கோணம் பார்வை உடையவள்  
ஒருமை நேசிப்பவள்  
ஓராயிரம் உணர்ச்சிகள் அடங்கியவள்

ரா. ராகபிரியா

R RAGAPRIYA  
727723EUCV044  
I CIVIL

## ECE | INTERNATIONAL NURSES DAY: CELEBRATING UNSUNG HEROES – 2024



International Nurses Day, observed annually on May 12<sup>th</sup>, honors the invaluable contributions of nurses worldwide. It commemorates Florence Nightingale's birth, recognizing her pioneering work in modern nursing and public health.

Established in 1953 by the International Council of Nurses, this day raises awareness of nurses' critical role in healthcare. It highlights challenges they face, such as staffing shortages and workplace hazards, emphasizing the need for support and investment in nursing education and resources.

Each year, International Nurses Day focuses on themes like nursing leadership, patient safety, and pandemic preparedness. Activities include recognition ceremonies, educational workshops, community outreach, and advocacy initiatives.

International Nurses Day is a time to express gratitude for nurses' dedication and resilience in promoting health and wellbeing. Let's celebrate their selfless service and commit to supporting them in their noble mission.

**Vimal P**  
**III ECE C**

## ECE | CELEBRATING UNITY: INTERNATIONAL FAMILY DAY



International Family Day, observed annually on May 15th, honors the significance of family bonds and the role of families in society. Established by the United Nations in 1993, it highlights the importance of policies and programs that support families in nurturing healthy relationships and creating environments where every member can thrive.

The United Nations General Assembly proclaimed May 15th as International Day of Families to promote awareness of issues affecting families and to encourage initiatives that strengthen family ties. This day recognizes families as the fundamental unit of society and emphasizes the need for policies that support their well-being.

Each year, International Family Day focuses on themes like family resilience, parenting support, and gender equality. Activities include family gatherings, workshops, community events, campaigns, and volunteer projects aimed at fostering unity and solidarity within families.

International Family Day reminds us of the universal values of love, respect, and solidarity within families. As we celebrate this day, let's reaffirm our commitment to supporting families and creating environments where every member can thrive and contribute to the betterment of society.

**Vimal P**

**III ECE C**

## ECE | CELEBRATING WORLD BEE DAY ON MAY 20TH



World Bee Day, observed on May 20th, highlights the crucial role of bees and other pollinators in maintaining biodiversity and food security. Established by the United Nations in 2017, it aims to raise awareness about the importance of protecting these vital creatures.

May 20th was chosen to coincide with the birthday of Anton Janša, a pioneer in modern beekeeping. World Bee Day emphasizes the need to preserve bee populations and their habitats to sustain agricultural productivity and ecosystem health. World Bee Day promotes initiatives to protect bees and their habitats, encourage sustainable beekeeping practices, and raise public awareness about their significance. It fosters collaboration among governments, organizations, beekeepers, and communities to address threats to bee populations.

Activities on World Bee Day include beekeeping workshops, habitat restoration projects, educational programs, public lectures, and advocacy campaigns. These initiatives aim to inspire action and promote bee-friendly practices globally. World Bee Day serves as a reminder of the importance of bees in our ecosystems and societies. By working together to protect and preserve bees, we can ensure a sustainable future for agriculture, biodiversity, and the environment.

**Vimal P**

**III ECE C**

## ECE | INTERNATIONAL FAMILY DAY



International Families Day, observed annually on May 15th, is a global celebration of the rich tapestry of families around the world. It's a day dedicated to honoring the diverse bonds of love and support that unite families across cultures and continents. Whether biological, adoptive, or chosen, families play a crucial role in shaping our lives and society. Let's come together on this special day to cherish and appreciate the unique strengths and dynamics of every family. Join us in celebrating the beauty of diversity and the power of family love on International Families Day!

1. International Families Day celebrates the diverse tapestry of families worldwide, highlighting their importance in fostering love, support, and unity across borders.
2. It promotes understanding and acceptance of different family structures, emphasizing that families come in various forms and compositions.
3. This day serves as a reminder to cherish and appreciate the unique dynamics and strengths of each family unit, regardless of cultural or geographical differences.

**Harini S**  
**III ECE A**