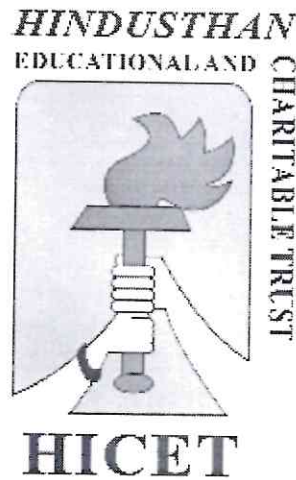


***Hindusthan College of Engineering and Technology,  
Valley Campus, Pollachi Highway, Coimbatore 641 032.  
[www.hicet.ac.in](http://www.hicet.ac.in)***



***CENTRE FOR FACULTY DEVELOPMENT (CFD)***



***Hindusthan College of Engineering and Technology,  
Valley Campus, Pollachi Highway, Coimbatore 641 032.  
[www.hicet.ac.in](http://www.hicet.ac.in)***

### **About CFD**

Faculty development is a significant element of Institutional Knowledge base. The more the institution supports faculty development and calibre improvement, the more effect is reflected in the levels of the learning activities, conduct of research and there by fulfilling the goals of the Institution.

The aim of Centre for Faculty Development is to equip the individuals, belonging to different fields of work, with necessary skills to meet the ever-mounting challenges and inculcate in them the pride of belonging to the particular profession to which they belong. The prime objective of the CFD is to cater to the needs of the teachers and to enhance their knowledge / skills through systematic methodologies.

### **VISION**

To inculcate among teachers the motivations to promote institutional effectiveness through the development of personal, instructional, organizational and professional growth of faculty.

### **MISSION**

- ❖ To promote organizational strategies for faculty development so as to motivate teachers to grow professionally and enable the institution to grow.
- ❖ Faculty development is expected to result in improved teaching performance and better learning outcomes for students and teachers.
- ❖ Developing all round skills are a prominent aspect for faculty development.



## **Re-Constitution of Team Members –CFD**

**(2023 – 2024)**

**Dr JAYA.J**  
Principal & Chair Person

**Dr A R JayaSudha**  
Professor  
Department of Computer Applications

**Dr K Akil**  
Professor  
Department of Civil Engineering

**Mr K Arun Raja**  
Assistant Professor  
Department of Aeronautical Engineering

**Mr. Dr Yogaraja J**  
Assistant Professor  
Department of Automobile  
Engineering

**Ms. K. Saraswathi**  
Assistant Professor  
Department of Civil  
Engineering

**Dr. SEKAR K**  
Assistant Professor  
Department of Electrical and Electronics  
Engineering

**Dr Ràmya Jayakumar**  
Assistant Professor  
Department of Electronics  
and Communication  
Engineering

**Mr Ram Kumar Sakthivel**  
Assistant Professor  
Department of Mechanical  
Engineering



**ACADEMIC YEAR 2023 – 2024**



**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**

**Faculty Development Programme**

**Schedule of Events (2023 – 2024)**

Date	Topic / Session	Resource Person	Participants
5.06.2023 to 09.06.2023	Five Days International Level Faculty Development Program Innovative Approaches to Environmental Remediation for Sustainable Solutions	Dr N Sivarajasekar, Associate Professor, Department of Biotechnology, Kumaraguru College of Technology, Coimbatore-641032	Faculties of Chemical Department
		Dr M Rajasimman Professor, Department of Chemical Engineering, Annamalai University, Chidambaram	
		Dr S Vishali Associate Professor, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur.	
		Dr K Haribabu Associate Professor, Department of Chemical Engineering, National Institute of Technology, Calicut, Kozhikode	
		Dr N Selvaraju Professor Department of Bioscience and Bioengineering, Indian Institute of Technology, Guwahati, Assam, India- 781039	
26-06-2023 to 30-06- 2023	Emerging Trends in Information Technology	Dr.R. Satheesh Kumar, Professor Sahrdya College of Engineering and Technology, Kerala, <b>Mr. Karthick Raju</b>	Faculties of Information Technology

		<p>Digital Product Manager and AI Enthusiast at Danske Bank, Bengaluru</p> <p><b>Dr. C. Loganathan</b> Professor at HKBK College of Engineering, Bengaluru</p> <p><b>Dr. M. Sivakumar</b> Associate Professor at Mohan Babu University, Andhra Pradesh</p> <p>Dr.S.Kannimuthu, Professor at Karpagam College of Engineering, Coimbatore</p>	
16.08.2023-18.08.2023	Three Days New Faculty Orientation Programme	Principal, CEO and All HOD's	Faculties of CSE&AIML
21.11.2023 to 25.11.2023	Entrepreneurship and Innovation	<p>W.Vincent Joseph, Dexterous powertechsolutions, Coimbatore.</p> <p>Prof.Kanimozhi, Hindusthan College of Engg., and Technology, Coimbatore.</p> <p>Prof. Kamala Saravanan, Hindusthan College of Engg., and Technology, Coimbatore.</p> <p>K.T.Marban, Vi Microsystems Pvt. Ltd., Coimbatore.</p> <p>M.Karunanithi, Win Solar Systems, Coimbatore.</p>	Faculties of Electronics and instrumentation Engineering .
02.01.2024-06.01.2024	Exploring Teaching Strategies & Research Scope in Renewable Energy Sectors	<p>Dr.S.Pragaspathy</p> <p>Dr.S.ManiKandan</p> <p>Dr.D.SakthiVadivel</p> <p>Dr.Jagadeesan</p> <p>Dr.M.SabriMuthu</p>	Faculties of Electrical and Electronics Engineering.
23.02.2024	FN-Intellectual Property Rights, Start-Up & Innovations for faculties AN-Commercialization and Tech Transfer- Issues faced by R&D Organizations, Academic Institutions and Industry.	<p>Dr. N. Nagarajan, Technical Director &amp; Lead Patent Analyst, NSKD Techno Research and Innovation Solution, Dharmapuri.</p> <p>Dr. N. Nagarajan, Technical Director &amp; Lead Patent Analyst, NSKD Techno Research and Innovation Solution, Dharmapuri.</p>	Faculties of Mechanical Engineering



<p>17.05.24 to 23.05.24</p>	<p>National Level Faculty Development Programme Farm to Fork - Enhancing Food Quality through Post-Harvest Handling</p>	<p><b>Dr. R. Arulmari</b>, Assistant Professor, Department of Processing and Food Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Kumulur – 621712</p> <p><b>Dr. V. Chandrasekar</b>, Associate Professor, National Institute of Food Technology, Entrepreneurship and Management – Thanjavur, (NIFTEM-T), Thanjavur</p> <p><b>Dr. S. Parveen</b>, Assistant Professor, Department of Food Process Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore – 641003</p> <p><b>Dr. G. Amuthaselvi</b>, Assistant Professor, Department of Food Process Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore – 641003</p> <p><b>Dr. M. R. Manikantan</b>, Principal Scientist, Physiology, Biochemistry and Post Harvest Technology, Division, ICAR – Central Plantation Crops Research Institute, Kasaragod-671 124</p> <p><b>Dr. R. Pandiselvam</b>, Scientist, ICAR - Central Institute for Research on Cotton Technology (CIRCOT), Mumbai – 400019</p> <p><b>Dr. T. Krishna Kumar</b>, Scientist, Division of Crop Utilization, ICAR- Central Tuber Crops Research Institute (CTCRI), Sreekariyam, Thiruvananthapuram- 695 017.</p>	<p>Schools of Food Technology</p>
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**Hindusthan College of Engineering and Technology,  
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www.hicet.ac.in**

## CENTRE FOR FACULTY DEVELOPMENT (CFD)

**Hindusthan**  
College of Engineering and Technology  
Department of Chemical Engineering

05.06.2023  
to  
09.06.2023

INNOVATIVE APPROACHES TO ENVIRONMENTAL  
REMEDATION FOR SUSTAINABLE SOLUTIONS

VIRTUAL INTERNATIONAL FACULTY  
DEVELOPMENT PROGRAM



**Dr J Madhusudhanan**

Professor & Head, Biotechnology  
Research campus coordinator,  
Anna Institute of Higher  
Technology, Chennai.



**Dr T Anitha**

Associate Professor  
Department of Biotechnology,  
Rastakshmi Engineering College,  
Chennai.



**Dr M Rajasimman**

Professor  
Department of Chemical  
Engineering, Anna Maria  
University, Chidambaram



**Dr N Sivarajasekar**

Associate Professor  
Department of Biotechnology,  
Kumaraguru College of Technology,  
Coimbatore



**Dr TVN Padmesh**

Associate Professor  
Department of Chemical Engineering,  
School of Engineering and Computing,  
Manipal International University, Malaysia



**Dr N Selvaraju**

Professor  
Department of Bioscience and  
Bioregrowing, Indian Institute of  
Technology, Guwahati



**Dr R Rajesh**

Associate Professor  
Department of Chemical Engineering,  
Sri Vankateswara College of  
Engineering and Technology,  
Sriperumbudur



**Dr S Vishali**

Associate Professor  
Department of Chemical  
Engineering, SRM Institute of  
Science and Technology,  
Kattankulathur



**Dr K Haribabu**

Associate Professor  
Department of Chemical  
Engineering, National Institute of  
Technology, Calicut,  
Kozhikode



**Dr R Anantharaj**

Associate Professor  
Department of Chemical  
Engineering, JSS College of  
Engineering,  
Chennai

<https://forms.gle/2KBJMd3eA483iqKK8>



FOR  
REGISTRATION

### Patrons

Dr K Karunakaran, CEO

Dr J Jaya, Principal

Convener

Dr M Seenuvasan, Head

### Co-ordinators

Dr K Balasubramani /ASP

Dr G Sarojini /ASP

Er M Dineshkumar /AP

+91 9789252952

www.hicet.ac.in



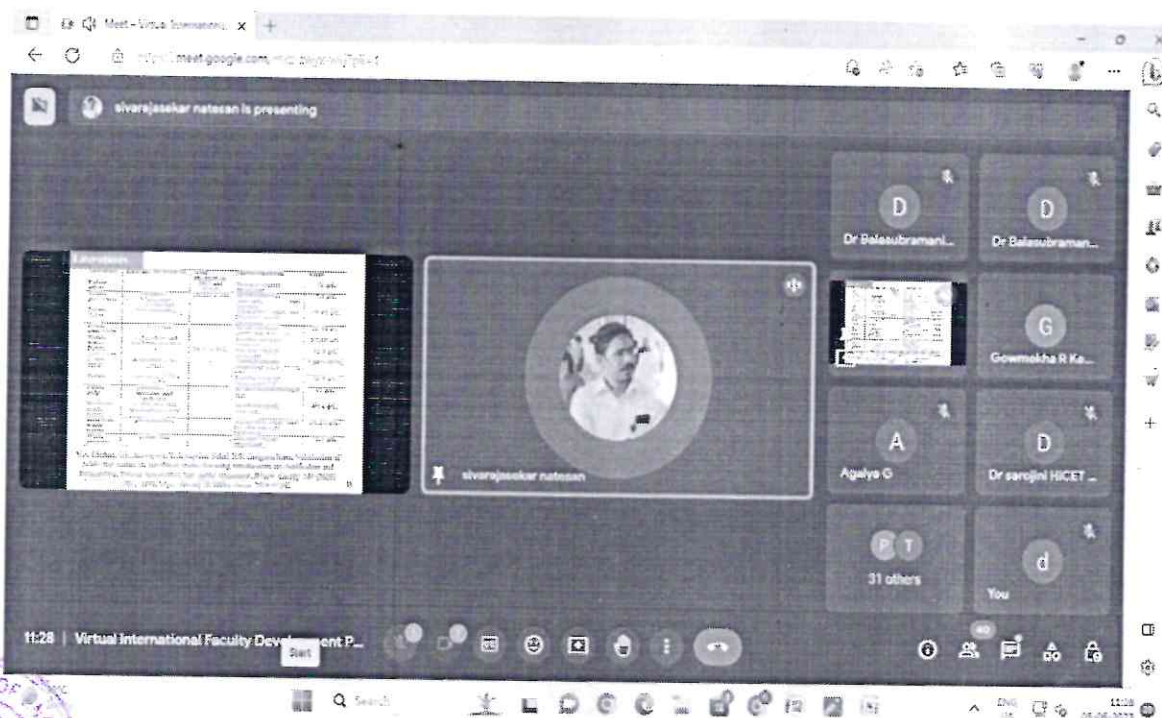
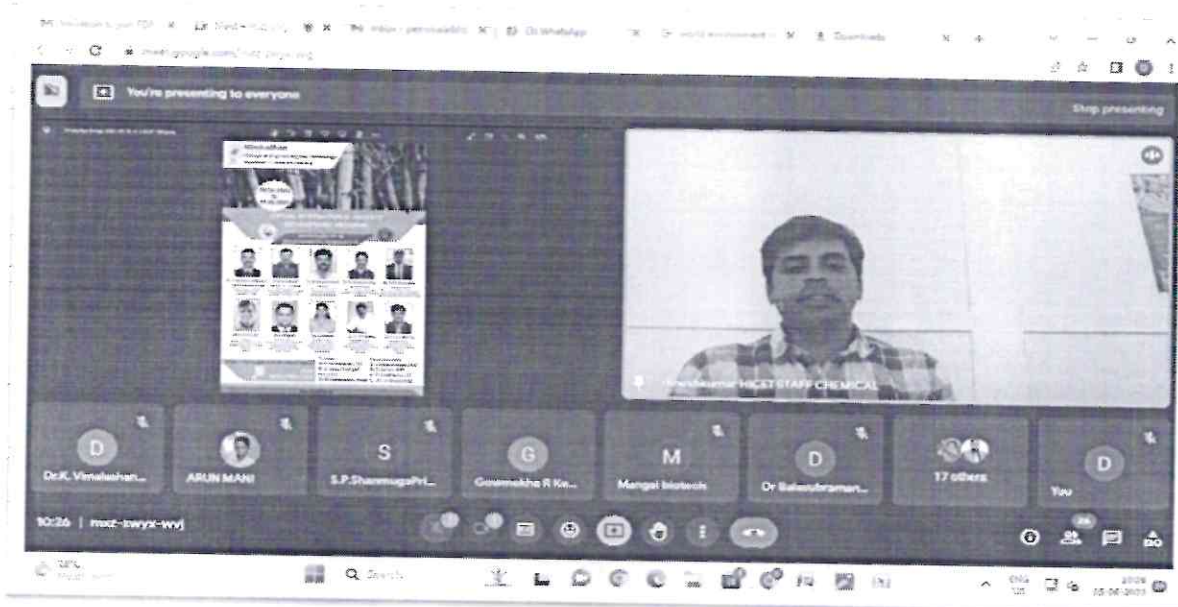


## HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE - 641 032

### CENTRE FOR FACULTY DEVELOPMENT (CFD)

Date: 5.06.2023 to 09.06.2023



MANIPAL Hindusthan

FDP on Sustainability in Environmental Remediation

08-06-2023

Plastic in Aquatic Environments  
A Sustainable remediation Approach

Dr. TVN. Padmesh, PhD., CEng, MIET (UK)  
School of Engineering and Computing  
Manipal International University, Malaysia  
padmesh.tvn@manipal.edu.sg

13:23 | Virtual International Faculty Development Pro...

Participants: dineshkumar HICE..., Tharika Parveen, viewanathan btt, Anitha Subramanian, T.AOJAMARY HICE..., Agal Edwin, Mahesh Krishna Sa..., 20 others, You

Prof.M. Rajasimman is presenting

Application of IFBR in Wastewater Treatment

Dr. M. Rajasimman  
Deputy Chief of Staff  
Engineering Academy

10:09 | mgv-qhnm-uyq

People: Mute all, Add people, Search for people, In call: Dr. Sampath HICE... (You), Meeting host, Agalya G, Anitha S, Balachandran S, Balaji D





14:14 | Virtual International Faculty Development Pro...

Anantharaj R is presenting

APPLICATION OF DEEP EUTECTIC SOLVENTS IN REMOVAL OF HEAVY METALS

Dr. R. Anantharaj  
Assistant Professor  
Department of Chemical Engineering  
SSN

People

Search for people

In call

- Dr. R. Anantharaj (You)
- Agal Edwin
- Agalya G
- Anantharaj, R

23 others

You

10:11 | Virtual International Faculty Development Prog...

Vishal S is presenting

DEVELOPMENT OF A GREEN INTEGRATED SYSTEM FOR THE TREATMENT AND REUSE OF GREY WATER

A SMART WASTE MANAGEMENT

Dr. S. Vishal  
Associate Professor  
Dept. of Chemical Engg.

SRM

Dr. S. Vishal

Associate Professor

Dept. of Chemical Engg.

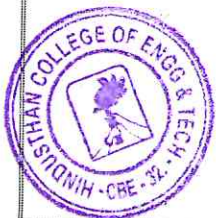
People

Search for people

In call

- Dr. S. Vishal (You)
- Dr. Balasubramani ...
- Francis Luther Kin...
- Anitha Subramanian
- DEVAKIR
- Albar Sheriff
- Gowmekha R Koor...
- 22 others

You





Meeting interface showing a presentation slide titled "BIOSORPTION OF DYES AND HEAVY METAL IONS ON TO NANOSIZED CHITOSAN BLENDED POLYMERS" by Dr. RANITHA, Associate Professor, Department of Biotechnology, Rajahmundry Engineering College, Chennai. The slide also mentions "Dr. Haritharan Thangappan can now join this meeting". The interface includes a grid of participants (Dr. Surojit HICET, Anitha T, Karthika C.D. Asst., Agal Edwin, Dr. P. Murugan, K.KALASELVI HL., The RAD Martin, Dr. Haritharan Thangappan) and a bottom bar with the text "14:06 | Virtual International Faculty Development Pro...".





# Hindusthan College of Engineering and Technology,

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## CENTRE FOR FACULTY DEVELOPMENT

### Report for Faculty Development Program Organised

Name of the Faculty: Dr.K.Balasubramani, Dr.G.Sarojini, Mr.M.DineshKumar	
Department : Chemical Engineering	Designation:Associate Professor
Name of the Event: <b>Five Days International Level Faculty Development Program – Innovative Approaches to Environmental Remediation for Sustainable Solutions</b>	
Level : Department Level	
Venue / Mode: Online	
No. of Days : 05	Dates : 05.06.2023-09.06.2023
Funded by : Management	
No. of Participants :129	Registration charges (if any) :Nil
Name and Designation of Resource Person(s) :	
Dr N Sivarajasekar, Associate Professor, Department of Biotechnology, Kumaraguru College of Technology, Coimbatore-641032	Dr TVN Padmesh Associate Professor, Department of Chemical Engineering, School of Engineering and Computing, Manipal International University, Malaysia.
Dr M Rajasimman Professor, Department of Chemical Engineering, Annamalai University, Chidambaram.	Dr R Anantharaj Associate Professor, Department of Chemical Engineering, SSN College of Engineering, Chennai
Dr S Vishali Associate Professor, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur.	Dr J Madhusudhanan Professor & Head, Research coordinator, Anand Institute of Higher Technology, Chennai-603103
Dr K Haribabu Associate Professor, Department of Chemical Engineering, National Institute of Technology, Calicut, Kozhikode.	Dr R Rajesh Associate Professor, Department of Chemical Engineering, Sri Venkateswara College of Engineering and Technology, Sriperumbudur.



Dr N Selvaraju  
Professor  
Department of Bioscience and Bioengineering,  
Indian Institute of Technology,  
Guwahati, Assam, India-781039

Dr.T.Anitha,  
Associate professor,  
Department of Biotechnology,  
Rajalakshmi Engineering College,  
Chennai.

**Outcome:**

- Familiarize the participants with innovative teaching-learning and legal research methods related to sustainable environmental remediation.
- Participants can able to acquire knowledge in various techniques of environmental remediation and can implement into their own research.
- Acquaint the participants with the intricacies of legal research and research- based teaching.
- This informs decisions concerning training and development and can increase participant's knowledge and improve research skill set etc.

Remarks and Feedback on the Event: Event had a nice feedback with satisfactory level.

Plan of Implementing in HICET (if any) :-

  
Signature of the CFD CORDINATOR

**Dr. A.R.JAYASUDHA**  
Professor & Head  
Department of Computer Applications  
Hindusthan College of Engineering & Technology

  
Principal  
**PRINCIPAL**

Hindusthan College Of Engineering & Technology  
**COIMBATORE - 641 032**







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**[www.hicet.ac.in](http://www.hicet.ac.in)**

**CENTRE FOR FACULTY DEVELOPMENT**  
**(CFD)**



**Hindusthan**  
College of Engineering and Technology  
(An Autonomous Institution)  
Valley Campus, Coimbatore - 641 032

**Department of Information Technology**  
Organize a Five Days FDP on  
**Emerging Trends in Information Technology**

**26<sup>th</sup> June - 30<sup>th</sup> June 2K23**

Deep Learning Overview



**Dr. R. Satheesh Kumar**  
Professor  
Sahridaya College of Engg. & Tech.  
Kerala

Elevate your future with AI



**Mr. Karthick Raju**  
Digital Product Manager and AI Enthusiast  
Danske Bank, Bengaluru

Blockchain, Cryptocurrency & Bitcoin



**Dr. D. Loganathan**  
Professor  
HKBK College of Engineering  
Bengaluru

Effective way of coding Techniques.



**Dr. M. Sivakumar**  
Professor  
Mohan Babu University  
Andhra Pradesh.

Insight into Data Science



**Dr. S. Kannimuthu**  
Professor  
Karpagam College of Engg.  
Coimbatore

**Registration Link**  
<https://tinyurl.com/HICET-IT-FDP>

**Coordinators**  
Dr. M. Ganesan AP/IT  
Mr. N. Iayaraja AP/IT

**Convenor**  
Dr. M. Sabirigiriraj  
Professor & HoD / IT

**Patrons**  
Dr. K. Karunakaran, CEO  
Dr. J. Jaya, Principal





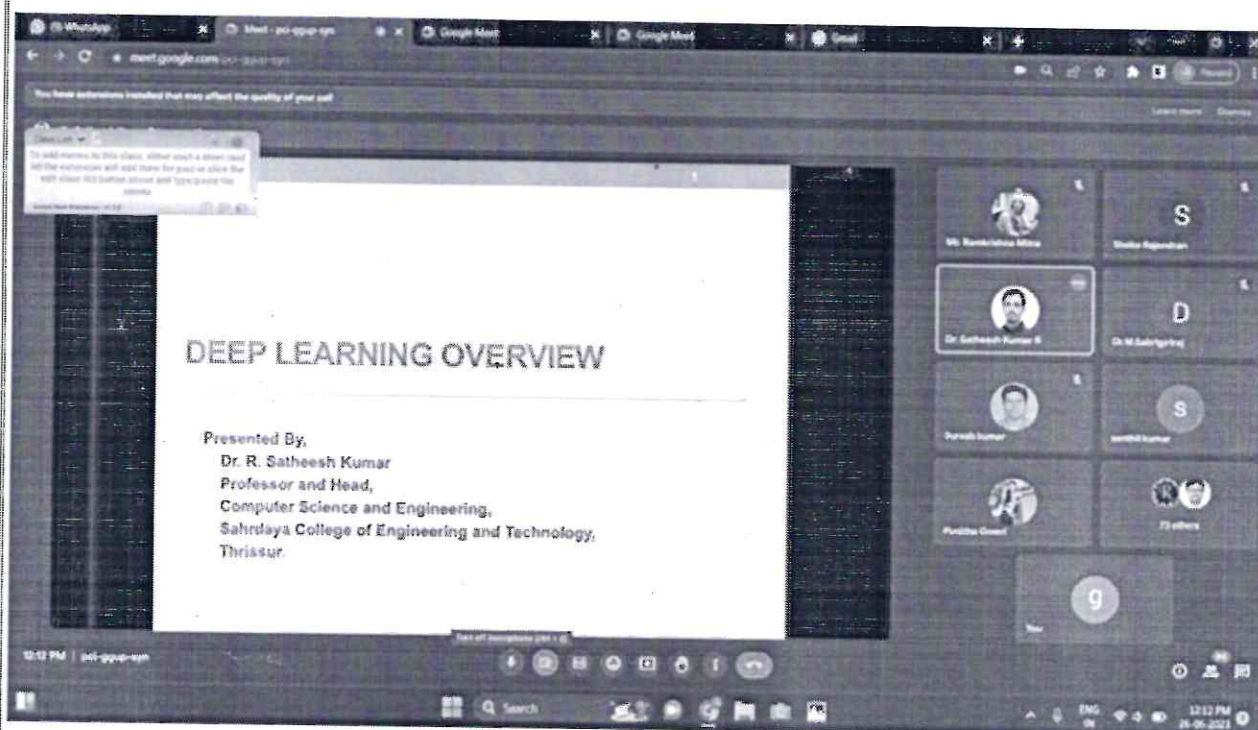


***Hindusthan College of Engineering and Technology,  
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www.hicet.ac.in***

## **CENTRE FOR FACULTY DEVELOPMENT (CFD)**

Faculty Development Programme on “Emerging Trends In Information Technology” was conducted online by the Department of Information Technology for faculty members. Dr M.Sabrigiriraj , Head of the department addressed the faculty members and spoke on Emerging Trends in Information Technology and about the FDP.

Day 1: 26.06.2023

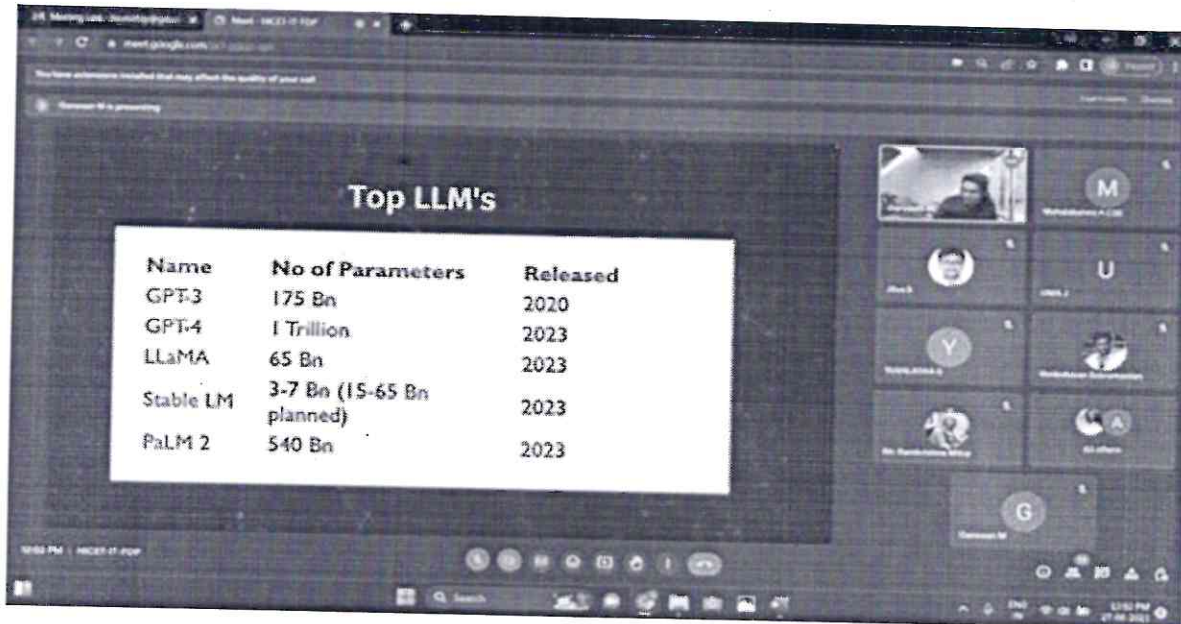


Dr. R. Satheesh Kumar, a distinguished professor from Sahridaya College of Engineering and Technology, Kerala, delivered an insightful session on the topic "Deep Learning Overview." The session provided a comprehensive introduction to the field of deep learning, exploring its foundational principles, architectures, and practical applications. The session was highly engaging and enriched the participants' understanding of this transformative field, sparking curiosity and dialogue among attendees.



**CENTRE FOR FACULTY DEVELOPMENT**  
**(CFD)**

Day 2: 27.06.2023



Name	No of Parameters	Released
GPT-3	175 Bn	2020
GPT-4	1 Trillion	2023
LLaMA	65 Bn	2023
Stable LM	3-7 Bn (15-65 Bn planned)	2023
PaLM 2	540 Bn	2023

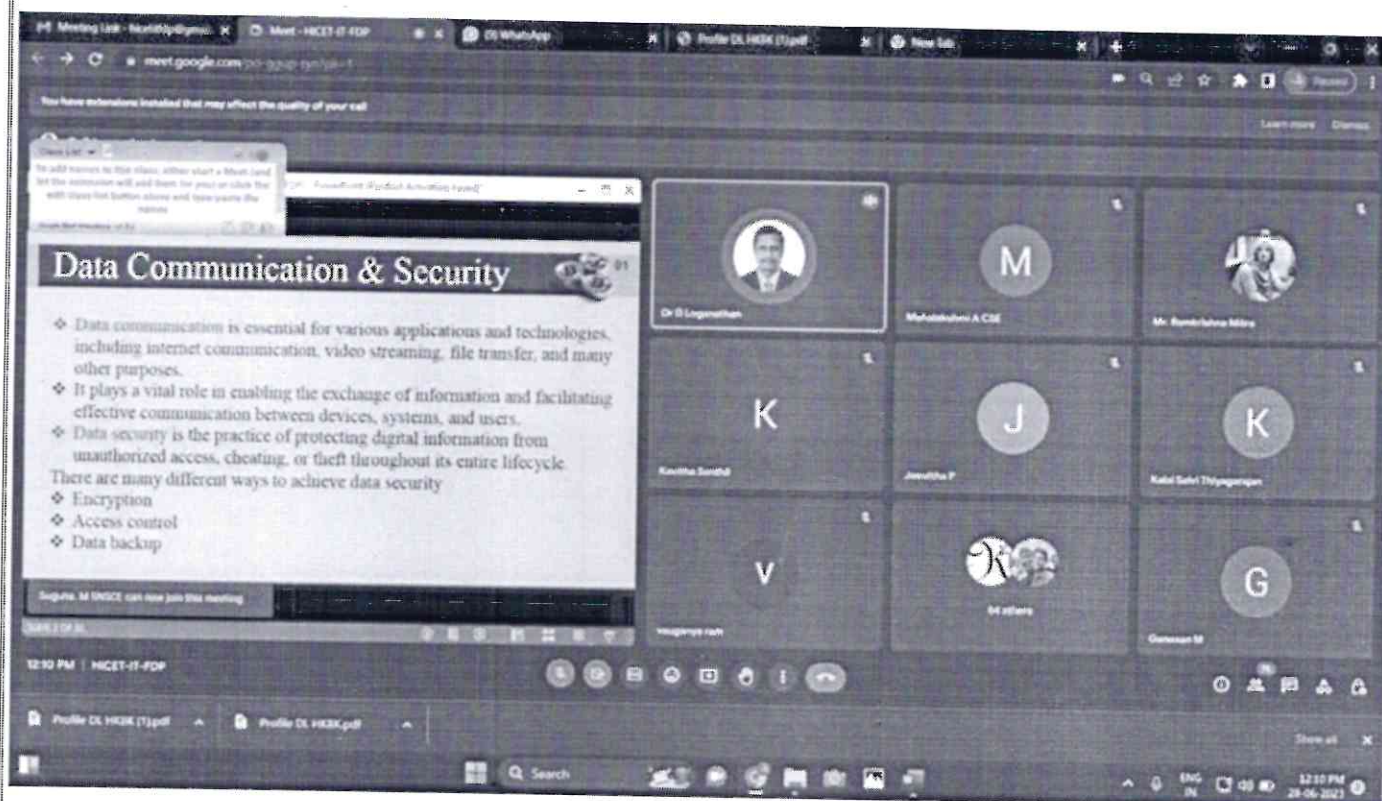
**Mr. Karthick Raju**, Digital Product Manager and AI Enthusiast at Danske Bank, Bengaluru, delivered an inspiring session on the topic "Elevate Your Future with AI." The session highlighted the transformative power of artificial intelligence in shaping careers, industries, and everyday life. Mr. Karthick Raju provided valuable insights into the evolving AI landscape, emphasizing its applications in banking, automation, customer experiences, and decision-making processes. The session was thought-provoking and motivated attendees to explore AI's potential to unlock new opportunities and redefine the future.





**CENTRE FOR FACULTY DEVELOPMENT**  
**(CFD)**

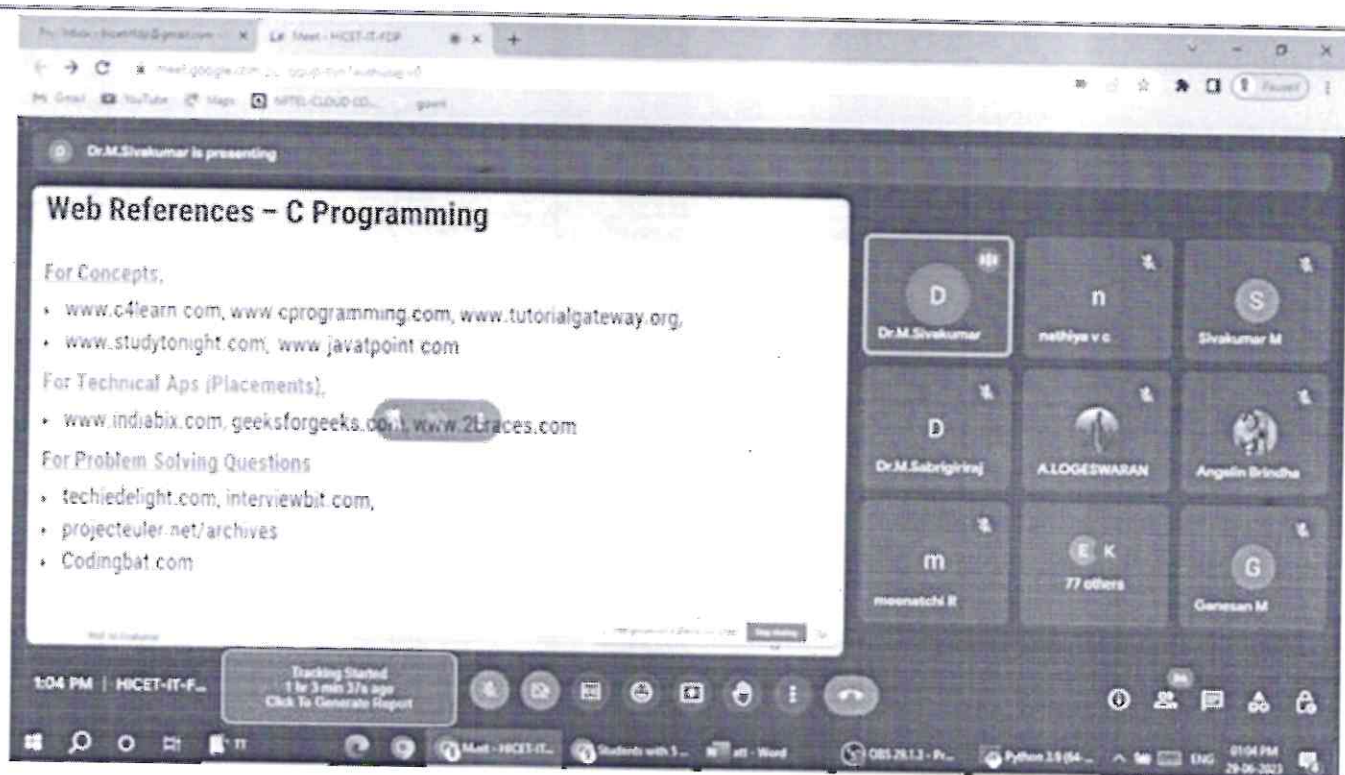
Day 3: 28.06.2023



**Dr. C. Loganathan**, a Professor at HKBK College of Engineering, Bengaluru, delivered an engaging session on the topic "Blockchain, Cryptocurrency, and Bitcoin." The session provided a detailed exploration of blockchain technology, its decentralized framework, and its transformative impact on various industries. Dr. Loganathan delved into the principles and mechanisms underpinning cryptocurrencies, with a particular focus on Bitcoin as a pioneering example. He explained the concepts of distributed ledgers, cryptographic security, and mining processes, making the complex subject accessible and understandable. Additionally, he addressed the potential applications of block chain beyond finance, including supply chain management and secure digital identity. The session was insightful and equipped participants with a solid understanding of these emerging technologies and their future prospects.



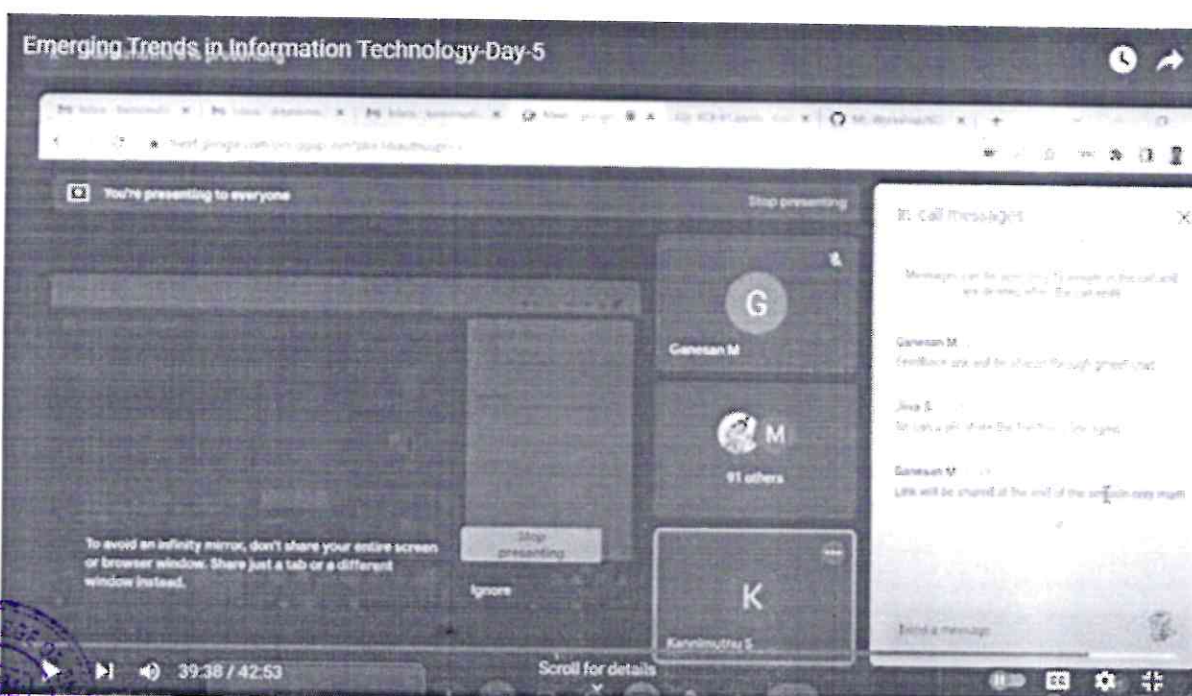


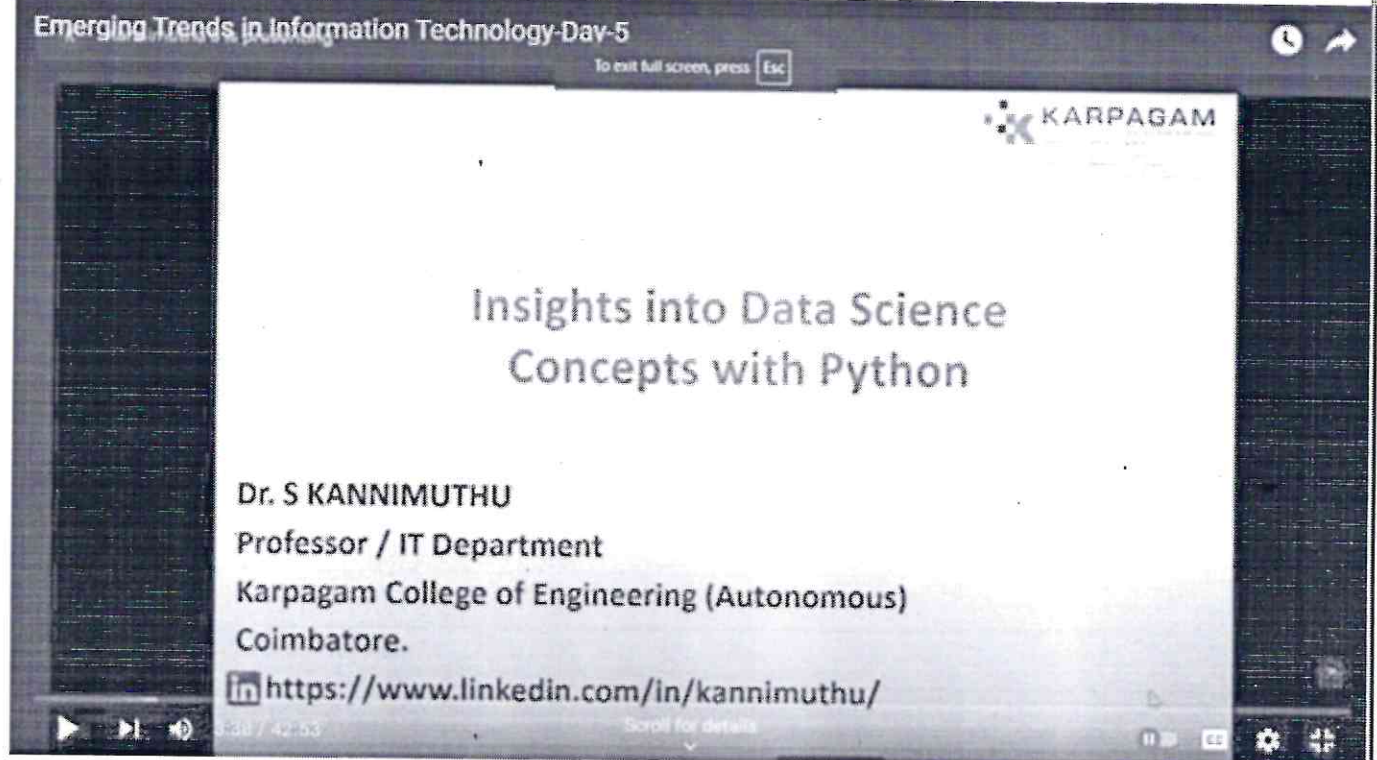


Day 4 : 29.06.2023

**Dr. M. Sivakumar**, Associate Professor at Mohan Babu University, Andhra Pradesh, delivered an enlightening session on the topic "Effective Way of Coding Techniques." The session focused on enhancing programming efficiency through best practices, structured approaches, and optimization strategies. Dr. Sivakumar emphasized the importance of writing clean, maintainable, and scalable code, highlighting techniques such as modular programming, code refactoring, and effective use of algorithms and data structures. He also shared insights on debugging methodologies, version control systems, and collaborative coding tools to improve team productivity. The session was highly informative, equipping participants with practical tips and strategies to elevate their coding skills and deliver robust software solutions.

Day 5 : 30.06.2023

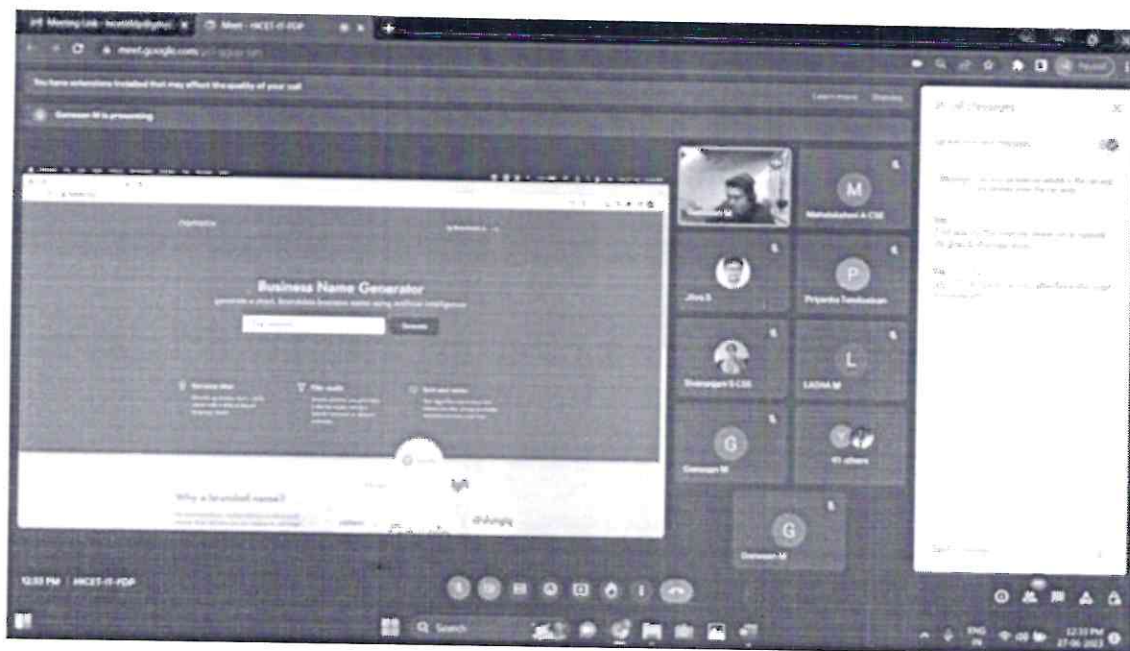




Dr.S.Kannimuthu, Professor at Karpagam College of Engineering, Coimbatore, delivered an insightful session on the topic "Insight into Data Science." The session offered a comprehensive overview of data science, its methodologies, and its impact on decision-making across industries. Dr. Kannimuthu discussed key components such as data preprocessing, exploratory data analysis, machine learning algorithms, and data visualization techniques. He emphasized the interdisciplinary nature of data science, blending statistics, computer science, and domain expertise to derive actionable insights from data. The session also covered real-world applications in sectors like healthcare, finance, and marketing, showcasing the transformative potential of data-driven approaches. Participants found the session enlightening and gained a deeper understanding of the tools and techniques essential for a career in data science.







**Hindusthan College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
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Name of the Faculty :Dr.M.Ganesan, & Mr. N.Ilayaraja	
Department :Information Technology	Designation :Assistant professor(s)
Name of the Event: Five days online FDP on “ Emerging Trends in Information Technology”	
Level :National level	
Venue / Mode:Online	
No. of Days :5	Date: 26-06-2023 to 30-06-2023.
Fundedby :-NIL	
No. of Participants :190	Registration charges (if any) : Nil
Faculty HICET 12	
Students --	
Faculty Externals 178	

Name and Designation of Resource Person(s):

**Day 1:** Dr. R. Satheesh Kumar

Professor & Head / Department of CSE

Sahridaya College of Engineering and Technology, Kerala

**Day 2:** Mr. Karthick Raju

Digital Product Manager and AI Enthusiast

Danske Bank, Bengaluru

**Day 3:** Dr.D. Loganathan Professor /Department of CSE, HKBK College of Engineering, Bengaluru

**Day 4:**Dr.M.Sivakumar,

ProfSessor/ CSE, School of Computing, Mohan Babu University, Andhra Pradesh.

**Day 5:**Dr. S. Kannimuthu

Professor / Department of Information Technology

Karpagam College of Engineering, Coimbatore

  
Signature of the CFD CORDINATOR

**Dr. A.R.JAYASUDHA**  
Professor & Head

Department of Computer Applications  
Hindusthan College of Engineering & Technology



  
Principal

**PRINCIPAL**

Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032



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Valley Campus, Pollachi Highway, Coimbatore 641 032.  
[www.hicet.ac.in](http://www.hicet.ac.in)*

**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**

**HINDUSTHAN  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(AUTONOMOUS), VALLEY CAMPUS, COIMBATORE-32  
[www.hicet.ac.in](http://www.hicet.ac.in)**

**"Three Days New Faculty Orientation Programme"  
16,17 &18 Aug 2023**



**DR. KARUNAKARAN K**  
CEO  
Hindusthan Educational Institutions

**DR. JAYA J**  
Principal  
HICET



**DR. MAGUDESWARAN P N**  
Dean-Academics  
HICET

Venue: Library conference hall



HICET

***Hindusthan College of Engineering and Technology,  
Valley Campus, Pollachi Highway, Coimbatore 641 032.***  
***www.hicet.ac.in***

## **CENTRE FOR FACULTY DEVELOPMENT**

**(CFD)**



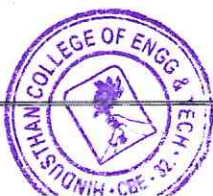


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www.hicet.ac.in**

Name of the Faculty: Dr.S.Shankar, Mr.B.Bharathi Kannan.	
Department : CSE & AIML	Designation : Professor, Assistant Professor CSE
Name of the Event : <b>Three Days New Faculty Orientation Programme</b>	
Level : College Level	
Venue / Mode : Offline	
No. of Days : 3	Dates : 16, 17 & 18 August 2023
Funded by : NA	
No. of Participants :32	Registration charges (if any) :NIL
Name and Designation of Resource Person(s) : Session details and resource persons has been attached.	
Outcome : Faculties of various department has attended and gained the additional information of the institution and academic responsibilities.	
Remarks and Feedback on the Event : Feedback has been attached.	
Plan of Implementing in HICET (if any) : NA	
Signature of the Faculty	HOD / Convener
	Principal

Signature of the CFD CORDINATOR

**Dr. A.R. JAYASUDHA**  
Professor & Head  
Department of Computer Applications  
Engineering & Technology



Principal



**PRINCIPAL**

Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032



**Hindusthan College of Engineering and Technology,  
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[www.hicet.ac.in](http://www.hicet.ac.in)**

**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)  
Entrepreneurship and Innovation**



**HINDUSTHAN COLLEGE OF ENGINEERING  
AND TECHNOLOGY**  
Valley Campus, Pollachi Highway, Coimbatore 641 032.

**Department of Electronics and Instrumentation  
Engineering**  
in association with  
**Entrepreneurship Development Cell  
Organizes**

**Faculty Development Programme  
on  
"Entrepreneurship and Innovation"**

Topics

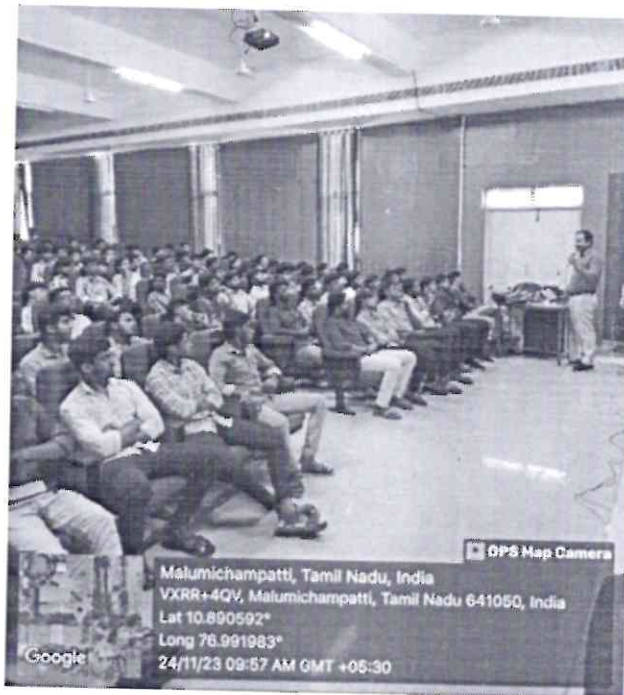
Day 1: Ideas and Opportunities  
Day 2: Building a Business  
Day 3: An Experimentation Mindset  
Day 4: Tools for Generating Ideas  
Day 5: Financing a Business

<b>Dr.B.Anand</b> HOD / EIE	<b>Dr.K.Karunakaran</b> CEO	<b>Dr.J.Jaya</b> Principal
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<b>Date</b> 21.11.2023 to 25.11.2023	<b>Venue</b> Ganga Hall
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**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**

Name of the Faculty : D.Vijayanandh & M.Sudagar	
Department : EIE	Designation : Assistant Professor
Name of the Event : Faculty Development Programme on "Entrepreneurship and Innovation"	
Level : Institute Level	
Venue / Mode: Ganga Hall / Offline	
No. of Days : 05	Dates : 21.11.2023 to 25.11.2023
Funded by : Management	
No. of Participants : 46	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) :	
<ol style="list-style-type: none"> <li>1. W.Vincent Joseph, Dexterous powertech solutions, Coimbatore.</li> <li>2. Prof.Kanimozhi, Hindusthan, College of Engg., and Technology, Coimbatore.</li> <li>3. Prof. Kamala Saravanan, Hindusthan College of Engg., and Technology, Coimbatore.</li> <li>4. K.T.Marban, Vi Microsystems Pvt. Ltd., Coimbatore.</li> <li>5. M.Karunanithi, Win Solar Systems, Coimbatore.</li> </ol>	
Outcome: Around 46 participants were participated in the FDP. The resource persons were Entrepreneurs and academicians and handled the sessions interestingly with more interactions. Their colourful presentation with knowledgeable sessions made a very interesting note. All the participants had more takeaways out of the session which was evident from their feedbacks.	
Remarks and Feedback on the Event: <b>Excellent</b>	
Plan of Implementing in Hicet (if any) :	
Signature of the Faculty	HoD
Principal Hindusthan College Of Engineering & Technology COIMBATORE - 641 032	

Signature of the CFD CORDINATOR

**Dr. A.R.JAYASUDHA**

Professor & Head

Department of Computer Applications  
Hindusthan College of Engineering & Technology



**PRINCIPAL**

Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032



**Hindusthan College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**

**Hindusthan College of Engineering and Technology**

*An Autonomous Institution, Approved by AICTE, New Delhi Affiliated to Anna University  
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS)  
Accredited by NAAC with 'A++' Grade, An ISO Certified Institution  
Valley Campus, Pollachi Highway, Coimbatore 641032.  
Organized by*













**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**5 Day National Level Faculty Development Programme (Hybrid Mode)**

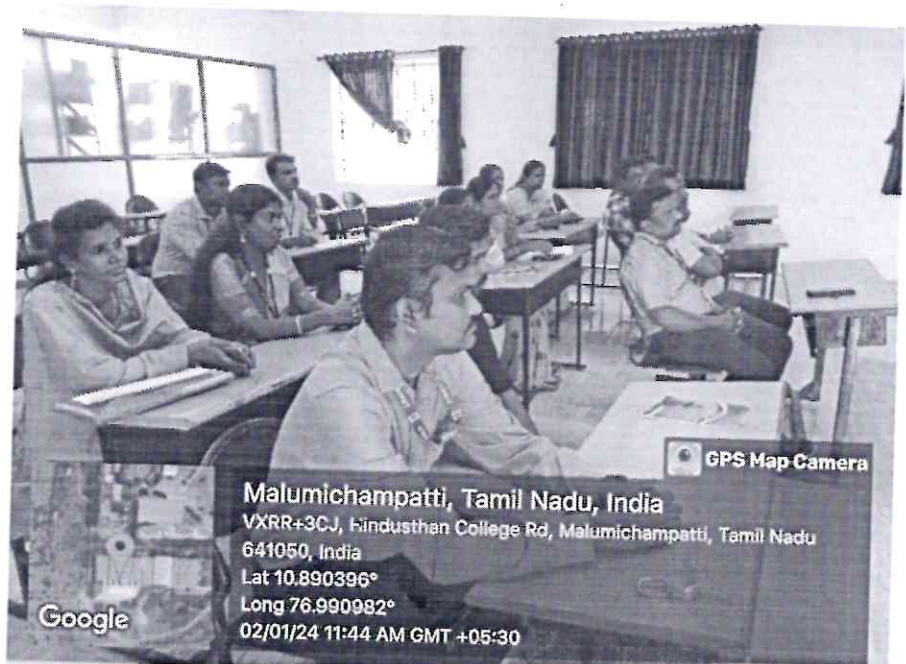
**"EXPLORING TEACHING STRATEGIES AND RESEARCH SCOPE IN RENEWABLE ENERGY SECTORS"**

**02<sup>nd</sup> JANUARY to 06<sup>th</sup> JANUARY 2024**

**PROGRAMME SCHEDULE**

Day/Date	10:00 AM to 12:00 Noon	02:00 PM to 3:30 PM
Day-1 02.01.2024 Tuesday	 <b>Title:</b> Challenges & Opportunities in Solar PV Systems & Its Technical Behaviour <b>Dr. S. PRAGASATHI, Professor/EEE</b> Vishnu Institute of Technology (Autonomous), Huzuravaram, Andhra Pradesh	 <b>Title:</b> Research Scope in Renewable Energy Systems in Building Research <b>Dr. N. P. ANANTHAMOORTHY, HoD/EEE</b> Hindusthan College of Engineering and Technology, Coimbatore-32, Tamil Nadu
Day-2 03.01.2024 Wednesday	 <b>Title:</b> Solar Bifacial Photovoltaic System for Sustainable Environment <b>Dr. S. MANIKANDAN, Assistant Professor (Research)/ Mechanical Engg.</b> , SEM Institute of Science and Technology, Chennai, Tamil Nadu	 <b>Title:</b> Challenges and Issues in Hybrid Energy Systems- Solar and Wind <b>Dr. K. SEKAR, Professor/EEE</b> Hindusthan College of Engineering and Technology, Coimbatore-32, Tamil Nadu
Day-3 04.01.2024 Thursday	 <b>Title:</b> Human Certification for Sustainable Development and Funding Opportunities <b>Dr. D. SAKTHIVADIVEL, Associate Professor/School of Mechanical Engg.</b> Assistant Director, Sponsored Research and Industrial Consultancy (SPoRIC), Vellore Institute of Technology, Vellore, Tamil Nadu	 <b>Title:</b> Approach of Renewable Energy Power using Artificial Intelligence <b>Dr. Rahmi R. CEO / RRM NEXT</b> , Chennai Tamil Nadu
Day-4 05.01.2024 Friday	 <b>Title:</b> Role of Renewable Energy Sources in Power Quality Improvement <b>Dr. JAGATHIESAN K, Professor/EEE</b> , Paavai Engineering College, Erode, Tamil Nadu	 <b>Title:</b> Perovskite Solar Cell and its Future Scope <b>Dr. P. MONTYA, Assistant Professor /EEE</b> , Hindusthan College of Engineering and Technology, Coimbatore-32, Tamil Nadu
Day-5 06.01.2024 Saturday	 <b>Title:</b> Solar Powered Fast and Hybrid Chargers for Electric Vehicles <b>Dr. M. SABARIMUTHU, Assistant Professor Sr. Grade/ EEE</b> , Kongs Engineering College, Perundurai, Tamil Nadu	 <b>Title:</b> Development and Future Scope of Battery Management Systems in Electric Vehicles <b>Prof. G. Muthusami Associate Professor/EEE</b> Hindusthan College of Engineering and Technology, Coimbatore-32, Tamil Nadu

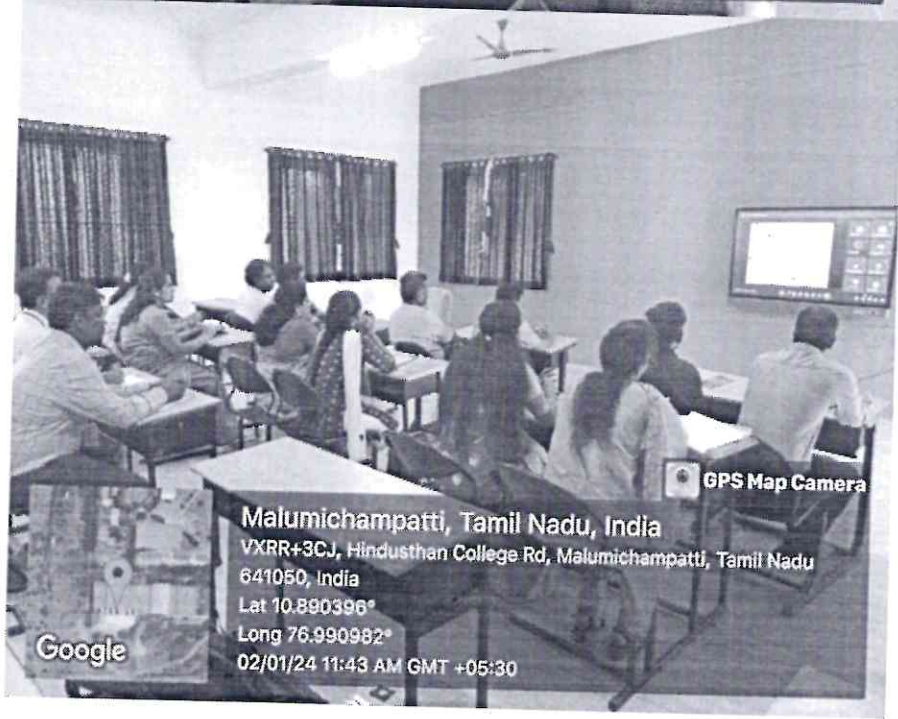




GPS Map Camera

Malumichampatti, Tamil Nadu, India  
VXRR+3CJ, Hindusthan College Rd, Malumichampatti, Tamil Nadu  
641050, India  
Lat 10.890396°  
Long 76.990982°  
02/01/24 11:44 AM GMT +05:30

Google



GPS Map Camera

Malumichampatti, Tamil Nadu, India  
VXRR+3CJ, Hindusthan College Rd, Malumichampatti, Tamil Nadu  
641050, India  
Lat 10.890396°  
Long 76.990982°  
02/01/24 11:43 AM GMT +05:30




Google







**CENTRE FOR FACULTY DEVELOPMENT**

Name of the Faculty : <b>Dr Ananthamoorthy N P, Convenor, Head/ EEE</b> <b>Prof. Muthuram G , Associate Professor/EEE</b>	
Department : <b>EEE</b>	Designation :
Name of the Event : <b>5 Day National Level Faculty Development Programme</b> <b>"Exploring Teaching Strategies &amp; Research Scope in Renewable Energy Sectors"</b>	
Level : <b>National /</b>	
Mapping with UN SDGs (Tick the relevant) : <b>Affordable and clean energy (SDG 7)</b>	
Venue / Mode : <b>HYBRID</b>	
No. of Days : <b>05 Day</b>	Dates : <b>02nd January 2024 to 06th January 2024</b>
Funded by : <b>Management</b>	
No. of Participants : <b>External : 133</b> <b>Internal : 23</b>	Registration charges (if any) : <b>NIL</b>
Name and Designation of Resource Person(s) : <b>Brochure Attached</b>	
Outcome : Renewable Energy provides a viable alternative to non-renewable resources, such as fossil fuels while many are also environmentally friendly and produce little of no CO <sub>2</sub> . It is healthier. Switching to clean sources of energy, such as wind and solar, thus helps address not only climate change but also air pollution and health. Renewable energy in the future is predicted that by 2024, solar capacity in the world will grow by 600 gigawatts (GW)	
Remarks and Feedback on the Event : Informative Sessions , Excellent Organisation & Interested to participate in upcoming FDP	
Plan of Implementing in HiCET (if any) :	
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">   <b>Signature of the CFD CORDINATOR</b>  <b>Dr. A.R.JAYASUDHA</b>  <b>Professor &amp; Head</b>  <b>Department of Computer Applications</b>  <b>Hindusthan College of Engineering &amp; Technology</b> </div> <div style="text-align: center;">     <b>Principal</b>  <b>PRINCIPAL</b>  <b>Hindusthan College Of Engineering &amp; Technology</b>  <b>COIMBATORE - 641 032</b> </div> </div>	



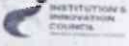







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**[www.hicet.ac.in](http://www.hicet.ac.in)**

**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**



**"INTELLECTUAL PROPERTY RIGHTS, START-UP & INNOVATIONS"**




**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641032.

**Department of  
Mechanical Engineering**


Organize the TNSCST sponsored  
One Day Seminar on  
**"INTELLECTUAL PROPERTY RIGHTS,  
START-UP & INNOVATIONS"**  
(IIC Self Driven Activity)



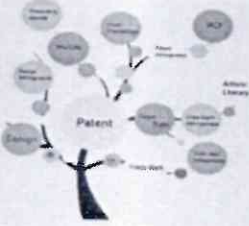
**Date**  
23 February 2024




**Time**  
10:00 am



**Ganga Hall**



**Resource Person**



**Dr. N. Nagarajan, B.E., M.E., Ph.D**  
Technical Director & Lead Patent Analyst  
NSKD Techno Research and Innovation Solution  
Dharmapuri.

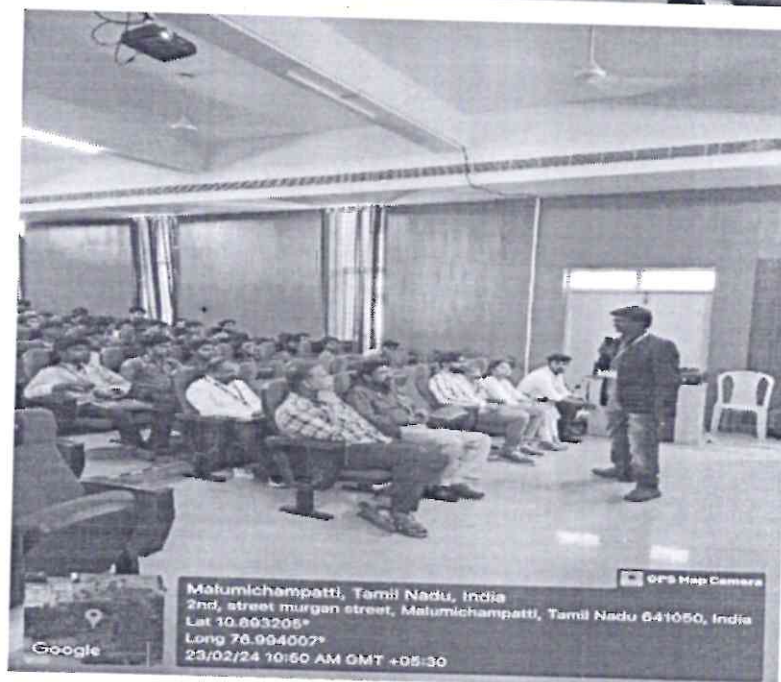
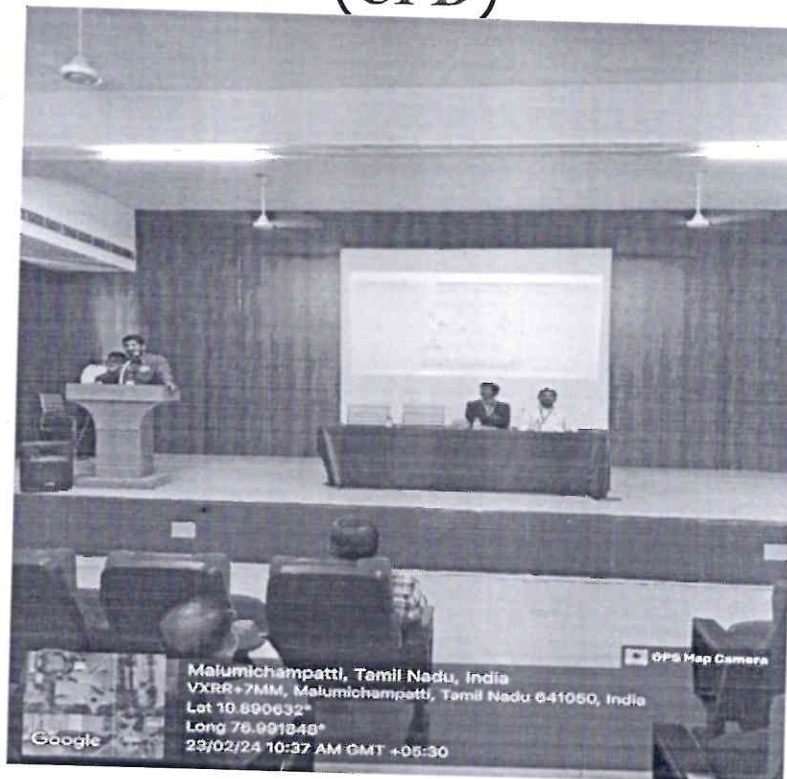
**Co-ordinators**  
Dr. K.R. Sakthivel, ASP/Mech  
Mr. C.A. Jagadish, AP/Mech

**Convenor**  
Dr. K. Silva  
Dean IIS and HOD-Mech

**Patrons**  
Dr. K. Karunakaran - CEO  
Dr. J. Jaya - Principal



**CENTRE FOR FACULTY DEVELOPMENT  
(CFD)**








**Hindusthan College of Engineering and Technology,**  
**Valley Campus, Pollachi Highway, Coimbatore 641 032.**  
**www.hicet.ac.in**

Name of the Faculty: <b>Dr K R Sakthivel</b>		
Department: <b>Mechanical Engineering</b>		Designation: <b>Associate Professor</b>
Name of the Event: Seminar on " <b>Intellectual Property Rights, Start-Up &amp; Innovations</b> "		
Level: <b>College Level</b>		
Venue / Mode: <b>Physical mode – Hindusthan College of Engineering and Technology, Valley Campus.</b>		
No. of Days: <b>1- DAY</b>		Date: <b>23-02-2024 - Friday</b>
Funded by: <b>TNSCST</b>		
No. of Participants: <b>55</b>		Registration charges (if any): <b>NIL</b>
Faculties	Hindusthan college of Engineering and Technology	
<b>Objective:</b> <ul style="list-style-type: none"><li>• To assist States in creating/developing a Strong IP ecosystem thereby, transforming it into an attractive investment destination for the industries.</li><li>• To sensitize the clusters about Intellectual Property Right and their protection.</li><li>• To identify protectable innovations.</li><li>• To use IP information, particularly relating to patents and designs, for further research and development in developing new product and process.</li><li>• Utilize the IP information in their business development.</li></ul>		
<b>Outcome:</b> <ul style="list-style-type: none"><li>• As Intellectual Property (IP) itself is very new to the people of hindusthan college, most of the participants were in the process of understanding the basics of Intellectual Property Rights.</li><li>• It was felt that some of the technical sessions based on IPR should be organised in future which would help in increasing the awareness about this subject.</li></ul>		
<b>Remarks and Feedback on the Event:</b> <ul style="list-style-type: none"><li>• The programme went well and all the dignitaries and concern person attended the programme and made it a very successful.</li><li>• Intellectual Property Rights, Filling, Patent, Design and Innovations.</li></ul>		

  
Signature of the CFD CORDINATOR  
**Dr. A.R. JAYASUDHA**  
Professor & Head  
Department of Computer Applications  
Hindusthan College of Engineering & Technology



  
Principal  
**PRINCIPAL**  
Hindusthan College Of Engineering & Technology  
COIMBATORE - 641 032



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**[www.hicet.ac.in](http://www.hicet.ac.in)**

## **CENTRE FOR FACULTY DEVELOPMENT (CFD)**

**National Level Faculty Development Programme**  
**Farm to Fork - Enhancing Food Quality through Post-Harvest Handling**

**Hindusthan College of Engineering and Technology**  
Valley Campus, Pollachi Highway, Coimbatore - 641032

**DEPARTMENT OF FOOD TECHNOLOGY**  
Organizes an

**NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME ON**  
**FARM TO FORK- ENHANCING FOOD QUALITY THROUGH POST-  
HARVEST HANDLING**

**SPEAKERS**

 <b>Dr. R. Anilmani</b> Assistant Professor Tamil Nadu Agricultural University, Coimbatore	 <b>Dr. V. Chandrasekar</b> Assistant Professor Assistant Professor in Food Technology, Tamil Nadu Agricultural University, Tirunelveli	 <b>Dr. S. Parveen</b> Assistant Professor Tamil Nadu Agricultural University, Coimbatore	
 <b>Dr. G. Anantharaman</b> Assistant Professor Tamil Nadu Agricultural University, Coimbatore	 <b>Dr. M. S. Muralidharan</b> Assistant Professor Assistant Professor in Food Technology, Tamil Nadu University, Coimbatore	 <b>Dr. S. Pradeep</b> Assistant Professor, Tamil Nadu University, Coimbatore	 <b>Dr. T. K. Srinivasan</b> Assistant Professor, Tamil Nadu University, Coimbatore

**17.05.2024 TO 23.05.2024**

Mode - Online

Time - 10.30 AM to 12.00 PM

**REGISTER HERE**

**<https://forms.gle/PahrKu41juPnPDCh6>**

**Coordinators:**  
Dr. Jeyaraj P. V. V.  
Mr. Chandra Mohan P. V. V.

**Course:**  
Dr. Jeyaraj P. V. V.  
Mr. V. V.

**Patron:**  
Dr. Jeyaraj P. V. V.  
Principal

**Dr. K. Srinivasan**  
Vice-Chancellor





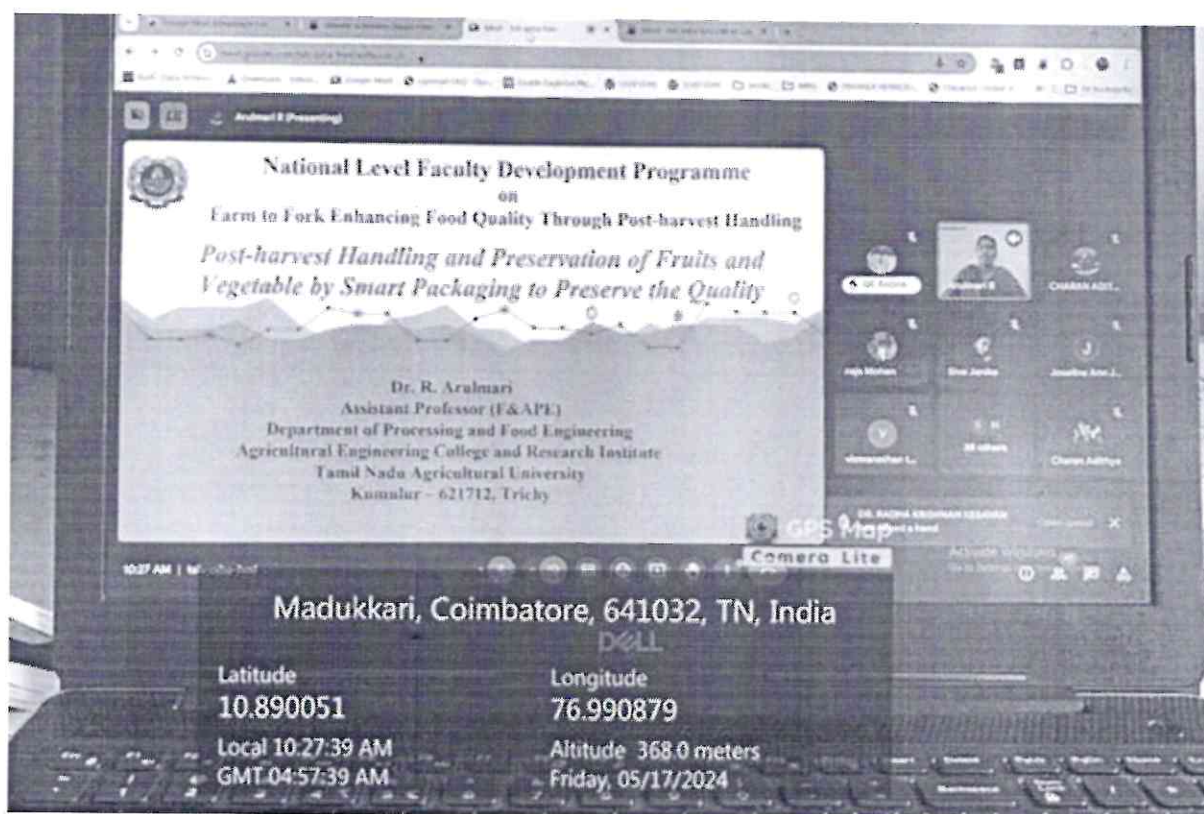


***Hindusthan College of Engineering and Technology,  
Valley Campus, Pollachi Highway, Coimbatore 641 032.  
www.hicet.ac.in***

**Date: 17.05.2024**

**Speakers: Dr. R. Arulmari**

Dr. R. Arulmari, who spoke on “Post-Harvest Handling and Preservation Technology of Fruits and Vegetables”, led the technical session. The session emphasized the role of modern preservation techniques in maintaining food quality and minimizing post-harvest losses.



**Date: 18.05.2024**

**Speakers: Dr. S. Parveen**

Dr. S. Parveen conducted a session on "Post-Harvest Handling of Fresh Produce: Techniques for Minimizing Losses and Maximizing Profit." The session detailed practical strategies for reducing waste while improving economic returns for producers.





**Date: 19.05.2024**

**Speakers : Dr. R. Pandiselvam**

Dr. R. Pandiselvam discussed the "Applications of Sensors in Pre and Post-Harvest Processing of Plantation Crops." The session explored the use of advanced sensor technologies to optimize crop handling and processing.

**Date: 20.05.2024**

**Speakers : Dr. G. Amuthaselvi**

Dr. G. Amuthaselvi led the session on "Post-Harvest Handling and Value Addition of Horticultural Produce." She emphasized innovative approaches for transforming horticultural products into value-added goods.

**Date: 21.05.2024**

**Speakers : Dr. V. Chandrasekar**

Dr. V. Chandrasekar delivered an insightful session on the "Impact of Post-Harvest Handling Techniques on Nutritional Quality and Safety of Foods." Participants gained an understanding of how post-harvest practices influence food quality and consumer safety.

**Date: 22.05.2024**

**Speakers : Dr. M. R. Manikantan**

The session by Dr. M. R. Manikantan focused on "Value Addition Strategies in Post-Harvest Handling: Adding Value to Agricultural Produce." The discussion highlighted ways to enhance the economic potential of agricultural products through innovative strategies..

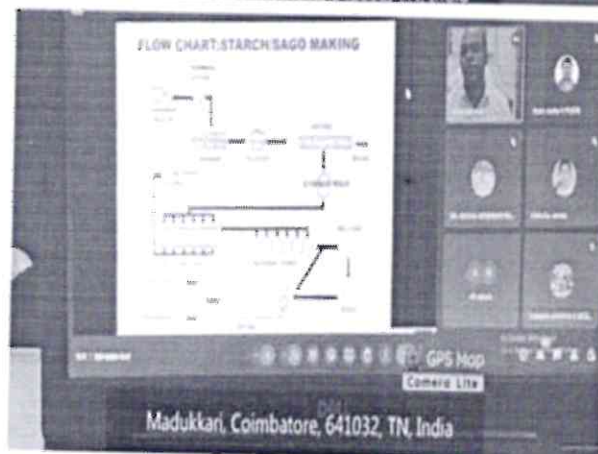
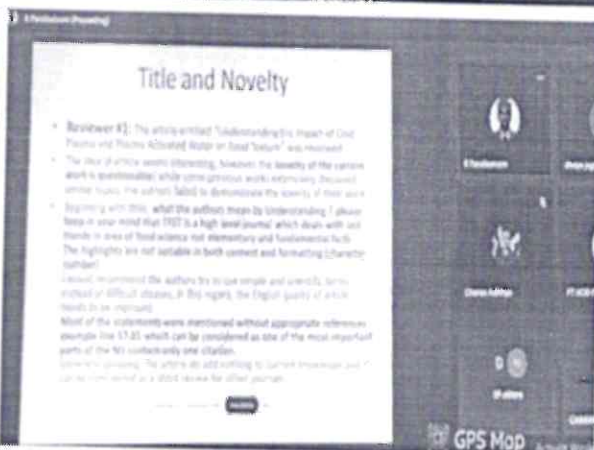
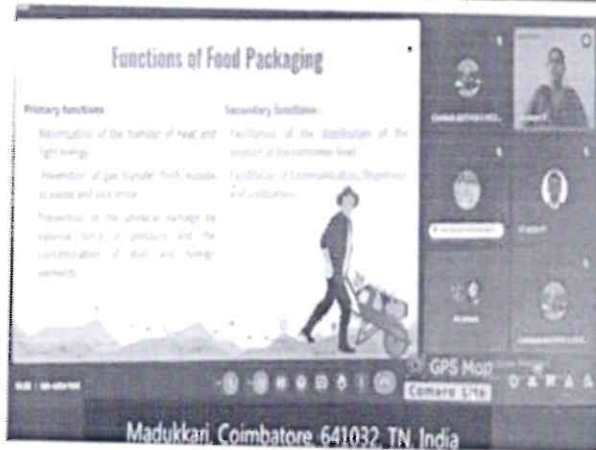
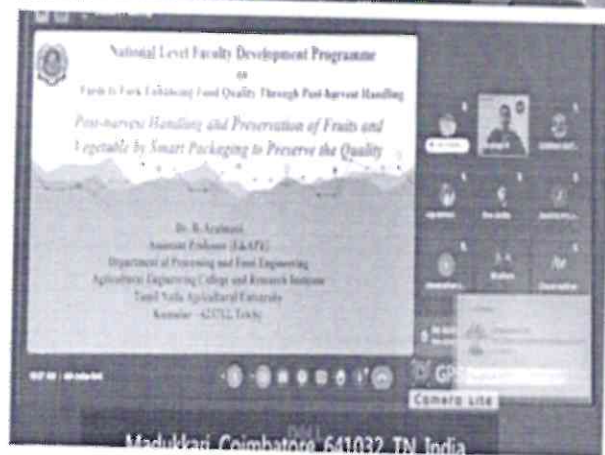
**Date: 23.05.2024**

**Speakers : Dr. T. Krishna Kumar**

Dr. T. Krishna Kumar, who discussed "Sustainable Approaches to Post-Harvest Handling and Food Loss Reduction in Tuber Crops." The session provided valuable insights into sustainable practices to reduce food loss.

The programme concluded with a Valedictory Session, during which the faculty members reflected on the insights gained and pledged to implement the discussed strategies in their respective institutions.







**ENTRE FOR FACULTY DEVELOPMENT  
(CFD)**

Name of the Faculty : Dr. Deepa J and Er. S. Charan Adithya	
Department : Food Technology	Designation : Assistant Professor
Name of the Event : "National level faculty development programme on Farm to Fork – Enhancing Food Quality Through Post-Harvest Handling"	
Level : National Level	
Venue / Mode : Online	
No. of Days : 7	Date : 17/05/2024 to 23/05/2024
Funded by : Management, HICET	
No. of Participants : 100	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) :	
<ol style="list-style-type: none"> <li>1. Dr. R. Arulnari, Assistant Professor, Department of Processing and Food Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Kumulur – 621712</li> <li>2. Dr. V. Chandrasekar, Associate Professor, National Institute of Food Technology, Entrepreneurship and Management – Thanjavur, (NIFTEM-T), Thanjavur</li> <li>3. Dr. S. Parveen, Assistant Professor, Department of Food Process Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore – 641003</li> <li>4. Dr. G. Amuthaselvi, Assistant Professor, Department of Food Process Engineering, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore – 641003</li> <li>5. Dr. M. R. Manikantan, Principal Scientist, Physiology, Biochemistry and Post Harvest Technology, Division, ICAR – Central Plantation Crops Research Institute, Kasaragod-671 124</li> <li>6. Dr. R. Pandiselvam, Scientist, ICAR - Central Institute for Research on Cotton Technology (CIRCOT), Mumbai – 400019</li> <li>7. Dr. T. Krishna Kumar, Scientist, Division of Crop Utilization, ICAR- Central Tuber Crops Research Institute (CTCRI), Sreekariyam,, Thiruvananthapuram- 695 017.</li> </ol>	
<p>◆ Faculties were enlightened with the various novel techniques involved in postharvest handling of agricultural produces. They also gained knowledge in usage of sensors in pre and post-harvest processing of plantation crops. Also they are illuminated with emerging techniques and sustainable approaches to minimize the wastage of food materials.</p>	
Remarks and Feedback on the Event : Event had Good and satisfactory feedback from the faculties.	
Plan of Implementing in HiCET (if any) : NA	
<p>Signature of the CFD CORDINATOR</p> <p><b>Dr. A.R. JAYASUDHA</b> Professor &amp; Head Department of Computer Applications Hindusthan College of Engineering &amp; Technology</p>	<p>Principal</p> <p><b>PRINCIPAL</b> Hindusthan College of Engineering &amp; Technology COIMBATORE - 641 032</p>



