

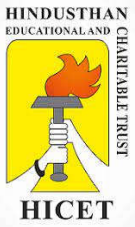
# DEPARTMENT OF INFORMATION TECHNOLOGY HISTORIA

**Vol.21, No.2**

**January-June 2024**



**Hindusthan College of Engineering and  
Technology**



# DEPARTMENT OF INFORMATION TECHNOLOGY

## A Message from the Editorial Board

Dear Readers,

This newsletter is your portal into the dynamic world of the Information Technology department for the past six months! From January 2024 to June 2024, our hallways have buzzed with intellectual curiosity, ground-breaking research, and inspiring initiatives.

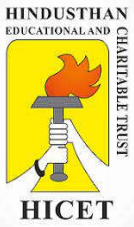
The Editorial Board is excited to share snapshots of these incredible journeys. We have curated a diverse range of articles that capture the very essence of our department. Dive deep into the world of fascinating guest lectures, and student triumphs that leave us beaming. We have also included highlights from interactive workshops, enriching field trips, and stimulating discussions that foster collaboration and knowledge exchange.

Think of this newsletter as a window into the heart of our department. We hope it ignites your passion for our field and sparks a desire to connect further. Whether you are a faculty member, a student, or simply curious about our work, we welcome your feedback and suggestions! Have an idea for a future story or simply want to share your thoughts? Reach out – we are always listening.

Thank you for being part of our learning community! We cannot wait to share updates that are more exciting with you in the next edition.

Onward to new horizons,

Editorial Board



# DEPARTMENT OF INFORMATION TECHNOLOGY

## VISION OF THE DEPARTMENT

To produce Information Technology professionals with robust technical knowledge, creative thinking and high ethical standards to address global challenges.



## MISSION OF THE DEPARTMENT

**DM1:** To prepare the students to excel in the dynamic realm of Information Technology through a conducive learning environment.

**DM2:** To equip the students with essential innovative skills to solve technical issues and effectively promote inter disciplinary collaboration.

**DM3:** To instill ethical integrity in students for successful professional careers and entrepreneurial ventures.





# DEPARTMENT OF INFORMATION TECHNOLOGY

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Graduates of the program will be proficient in the identification, formulation and solution of complex problems by applying their knowledge of mathematics, science and Information technology principles.

PEO2: Graduates of the program will be capable of analysing designing, implementing and managing software projects through continuous learning and using modern tools to meet real-world constraints.

PEO3: Graduates of the program will exhibit professionalism with ethical attitudes, communication, team work and will contribute to societal needs.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Able to design and develop software solutions by employing appropriate problem-solving strategies, including logically thinking, creating a user interface, writing code to connect a front-end user interface with a backend database using a contemporary object-oriented language.

PSO2: Ability to design and develop mobile applications and web-based applications, coupled with testing skills fostering employability and entrepreneurship skills.

PSO3: Apply the appropriate techniques and modern engineering hardware and software tools to engage in life-long learning and to successfully adapt in multi-disciplinary environments.



# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

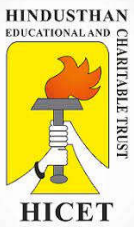
S.No.	Name of the Event	Type	Event Mode	Resource Person	Date	Coordinator Name	No. of Participants
1.	Raise up, Wakeup and Realize the Power You Have and Innovate for the Society Using AI	Seminar	Online	Mr. Udhaya Kumar M, CEO, Idatamind, USA.	12.01.2024	Swaminathan G	86
2.	Empowering Tomorrow's Visionaries	Seminar	Physical	Mr. Manoj Saravanan, Proprietor, ADF Studios Inc, Chennai.	16.02.2024	Dr Ganesan M, Athira S	140
3.	Arduino Programming for IOT Applications	Workshop	Physical	Ms. YugaPriya M Embedded Developer 3Q Technologies India (P) Ltd, Coimbatore.	26.03.2024 & 27.03.2024	Revathi P Premkumar C D	40
4.	Universal Human Values	Webinar	Online	Mr. Willson Joseph Assistant Professor, CSE Department, Adi Shankara Institute of Engg & Tech, Kalady, Kerala.	15.04.2024	Premkumar C D, Revathi P	131
5.	Professional Development Training On Effective Usage of Ms-Word for Non-Teaching Staff.	Training	Physical	Dr. Beulah David Associate Professor /IT	02.04.2024	Athira S, Masilamani M	31





# DEPARTMENT OF INFORMATION TECHNOLOGY

6.	Innovating for a better tomorrow from ideas to impactful action-world innovation and creativity Day	Webinar	Online	Dr. Manokaran K, Associate Professor, Department of Bio Medical Engineering, SNS College of Technology. Coimbatore.	02.05.2024	Karthik S, Amudha R	66
7.	Environment and Sustainability-Earth Quake Causes and Safety Measures	Webinar	Physical	Dr. Karunanidhi D Professor Dept of Civil Engineering, Hicet, Coimbatore..	22.04.2024	Jency C, Sakthi Sree T	84
8.	Research Methodology	Webinar	Online	Mr. D Premkumar, Assistant Professor, Department of Artificial Intelligent and Data Science, KPRIET. Coimbatore.	15.02.2024	Karthik S , Praveen KumaR	50
9.	IPR for Business Growth	Seminar	Physical	Mr. Vanarasan K Managing Director, Chettippattu Foods Pvt Ltd., Tiruvannamalai.	02.03.2024	Dr Rajiv Suresh Kumar G Praveen Kumar R	60
10	Code Your Career Navigating Opportunities in Software Field	Webinar	Online	Ms. Nagalakshmi, Vice President, Carrer Zone, Coimbatore.	20.02.2024	Jency C , Sakthi Sree T	100



# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

**Raise up, wakeup and realize The Power You Have and Innovate For the Society Using AI**

Raise up, Wakeup and Realize the Power You Have Innovate for Society Using AI is an event encouraging individuals to harness their potential and creativity through AI. It aims to inspire innovation that benefits society by leveraging artificial intelligence technologies.

**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

**IIC Celebration Activity**

**Department of Information Technology**

A seminar on the occasion of  
**National Youth Day**

Rise up, wake up and Realise the power you have  
&  
Innovate for the society using AI

**12-01-2024 | 11.30 AM - 12.30PM**

**RESOURCE PERSON**  
**Mr. Udaya Kumar M**  
CEO & Founder  
iDataMind, USA

**Coordinators**  
Mr. Swaminathan G - AP/IT  
Mr. Praveen Kumar R - AP/IT

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

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

# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Webinar on Research Methodology

Research Methodology is an event focused on teaching essential techniques and strategies for conducting effective and rigorous research. It aims to equip participants with the skills necessary for systematic investigation and scholarly inquiry.



**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway, Coimbatore -641032.

**IIC Self Driven Activity**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
Organizes a Webinar on  
**Research Methodology**

**RESOURCE PERSON**  
**D Premkumar (Sr.G.) AP/CSE,**  
KPR Institute of Engineering and Technology,  
Coimbatore.

**Date : 15.02.2024**  
**Time: 02:00 PM to 03:00 PM**

**Scan Here to join**  
**Link: <https://meet.google.com/sfw-lurc-zgl>**

**Co-ordinator**  
Mr Karthik S AP/IT  
Mr Praveen Kumar R  
AP/IT

**Convenor**  
Dr Sabirgiriraj M  
Prof & Head - IT

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



# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Seminar Empowering Tomorrows Visionaries

Empowering Tomorrows Visionaries is an event dedicated to inspiring and equipping the next generation of leaders with the tools and knowledge needed for future innovation. It focuses on fostering creativity, leadership, and visionary thinking among participants.

The poster is for a seminar titled "Empowering Tomorrow's Visionaries" organized by the Department of Information Technology at Hindusthan College of Engineering and Technology. The event is scheduled for 16 February, 2024, from 10:00 AM to 12:00 Noon in Ganga hall. The resource person is Mr. Manoj Saravanan, Proprietor of ADF Studios Inc. The poster also lists coordinators, a convenor, and patrons. The background features a purple gradient with a lightbulb icon and a graphic of people climbing a staircase towards a target.

**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**

Organizes a  
Seminar on  
**"Empowering Tomorrow's Visionaries"**  
Unleashing Entrepreneurial Potential for Sustainable Development

Date: 16 February, 2024 | Time: 10:00 AM - 12:00 Noon

Location: Ganga hall

**Resource Person**

**Mr. Manoj Saravanan**  
Proprietor  
ADF Studios Inc

**Coordinators**  
Dr.M.Ganesan - ASP/IT  
Ms.S.Athira - AP /IT

**Convenor**  
Dr.M.Sabrigiriraj  
Professor & Head / IT

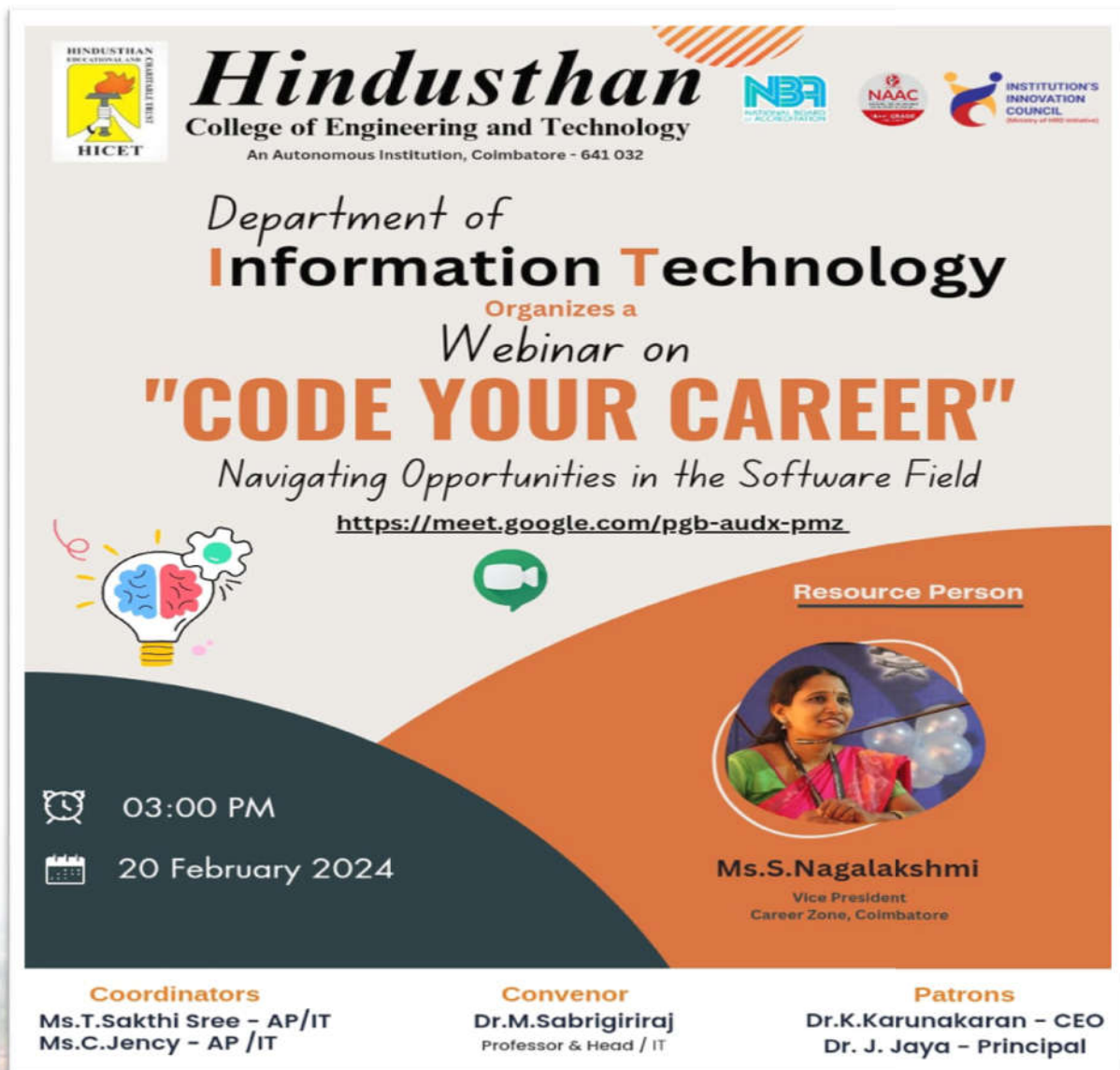
**Patrons**  
Dr.K.Karunakaran - CEO  
Dr. J. Jaya - Principal

# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Code Your Career Navigating Opportunities in Software Field

Code Your Career Navigating Opportunities in the Software Field is an event designed to guide individuals in exploring and pursuing career paths in software development. It aims to provide insights into industry trends, skills, and opportunities within the software sector.



**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**  
Organizes a  
Webinar on  
**"CODE YOUR CAREER"**  
Navigating Opportunities in the Software Field  
<https://meet.google.com/pgb-audx-pmz>

**Resource Person**

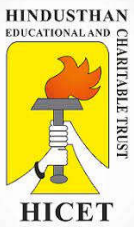
**Ms.S.Nagalakshmi**  
Vice President  
Career Zone, Coimbatore

**Coordinators**  
Ms.T.Sakthi Sree - AP/IT  
Ms.C.Jency - AP /IT

**Convenor**  
Dr.M.Sabrigiriraj  
Professor & Head / IT

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

03:00 PM  
20 February 2024



# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### IPR for Business Growth

IPR for Business Growth is an event focused on the role of Intellectual Property Rights in enhancing and protecting business innovations. It aims to educate participants on leveraging IPR for competitive advantage and sustainable growth.

**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**  
Organizes a talk on  
**IPR for Business Growth**  
*Key Considerations and Best Practices*

📅 Saturday, 02 March 2024  
🕒 02.00 PM  
📍 Ganga hall

**Resource Person**  
**Mr. VANARASAN K**  
Managing Director  
Chettippattu Foods Pvt Ltd &  
Chettippattu Bio Fuels & Chettippattu Enterprises

**Coordinators**  
Dr. Rajiv Suresh Kumar G - Prof/IT  
Mr. Praveen Kumar R - AP/IT

**Convenor**  
Dr.M.Sabrigiriraj  
Professor & Head / IT

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



# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Arduino Programming for IOT Applications

Arduino Programming for IoT Applications is an event focused on teaching the fundamentals of using Arduino for Internet of Things projects. It aims to equip participants with practical skills in programming and deploying IoT solutions.



**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**  
Conducting  
Two days workshop on  
**Arduino Programming for  
IoT applications**  
26.03.2024 & 27.03.2024  
Open source lab

Resource Person

**Ms Yugapriya M**  
Embedded Developer  
3Q Technologies India (P) Ltd,  
Coimbatore.

**Mr. Mithrayan S**  
Embedded Software Developer  
3Q Technologies India(P) Ltd,  
Coimbatore.

Coordinators  
Mrs. Revathi P- AP/IT  
Mr. Premkumar C D - AP/IT

Convenor  
**Dr.M.Sabrigiriraj**  
Professor & Head / IT

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

www.hicet.ac.in

# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Universal Human Values

Universal Human Values is an event dedicated to exploring and promoting fundamental principles that transcend cultural and societal boundaries. It aims to foster understanding and practice of values such as compassion, integrity, and respect in personal and professional contexts.



**Hindusthan**  
College of Engineering and Technology  
Accredited by NBA (Aero, Auto, Civil, CSE, ECE, EEE, IT, MECH, MCTS)  
An Autonomous Institution, Coimbatore - 641 032

**NBA**  
NATIONAL BOARD  
of ACCREDITATION

**A++**  
NAAC

Department of  
**Information Technology**

Organizes a webinar on

**UNIVERSAL  
HUMAN VALUES**

 **15.04.2024**  **10A.M - 11A.M**

 <https://meet.google.com/hjd-hgzs-skf>



**RESOURCE PERSON**

**WILLSON JOSEPH**  
Assistant professor (CSE)  
Adi Shankara Institute of Engineering and Technology,  
Kalady, Kerala,

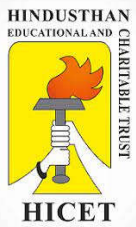


**Coordinators**  
Mr. Premkumar C D - AP/IT  
Ms. Revathi P - AP/IT

**Convenor**  
Dr. M. Sabrigiriraj  
Professor & Head / IT

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





# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Professional Development Training on Effective Usage of Ms-Word for non teaching Staff.

Professional Development Training on Effective Usage of MS-Word for Non Teaching Staff focuses on enhancing skills in MS-Word for efficient document creation and management. It aims to empower non-teaching staff with practical tools to streamline administrative tasks effectively.

**Hindusthan**  
College of Engineering and Technology  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**  
Conducting  
Professional development training on  
**EFFECTIVE USAGE OF MS-WORD**  
for non-teaching staff

**02-04-2024**  
**10 A.M to 11 A.M**  
**OPEN SOURCE LAB**

**Resource Person**

**Dr.Beulah David**  
Associate professor  
Department of IT

**Microsoft Office**

**Coordinators**  
Ms. ATHIRA S - AP/IT  
Ms. MASILAMANI M - AP/IT

**Convenor**  
Dr.M.Sabrigiriraj  
Professor & Head / IT

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

# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

### Environment and Sustainability - Earth Quake Causes and Safety Measures.

Environment and Sustainability - Earthquake Causes and Safety Measures educates participants on understanding earthquake origins and implementing safety protocols for environmental resilience. It aims to promote awareness and preparedness strategies for mitigating earthquake impacts.



**Hindusthan**  
College of Engineering and Technology  
Accredited by NBA (Aero, Auto, Civil, CSE, ECE, EEE, IT, MECH, MCTS)  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**  
Organizes a Webinar on

**Earthquake Causes  
and  
Safety Measures**

**RESOURCE PERSON**  
**Dr.D.Karunanidhi**  
Professor  
Department of Civil Engineering  
HICET

**22.04.2024** **2.30 P.M - 3.30 P.M**  
<https://meet.google.com/oow-kvve-rod>

**Coordinators**  
Ms.C Jency - AP/IT  
Ms.T Sakthi Sree - AP/IT

**Convenor**  
Dr.M.Sabrigiriraj  
Professor & Head / IT

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

@ Environment Sustainability Goals

# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

**Innovating for a better tomorrow from ideas to impactful action -World innovation and creativity Day.**

Innovating for a Better Tomorrow from Ideas to impact celebrates - World Innovation and Creativity Day by showcasing transformative ideas and their practical applications. It aims to inspire action and collaboration towards solving global challenges through innovation and creativity.



*Hindusthan*  
College of Engineering and Technology  
An Autonomous Institution  
Approved by AICTE, Affiliated to Anna University, Chennai  
Accredited by NAAC, International work of Quality Assurance



**Hindusthan**  
College of Engineering and Technology  
Accredited by NAAC (Aut, CPE, CBT, ETE, IF, MED, MCRS)  
An Autonomous Institution, Coimbatore - 641 032

Department of  
**Information Technology**

← IIC celebration activities →

Organizes a Webinar on  
**Innovating for a Better Tomorrow**  
*From Ideas to Impactful Action*

**02 May 2024** | 02:30 P.M. to 03:15 P.M.

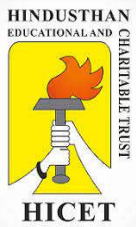
**RESOURCE PERSON**  
**Dr. K. MANOHARAN**  
Associate Professor - SME  
SME College of Technology  
Coimbatore

**Coordinators**  
Mr. Karthik S - AP/IT  
Mr. Anandha S - AP/IT

**Convener**  
Dr. M. Sabirigiriraj  
Professor & Head / IT

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

@ World Innovation and Creativity Day

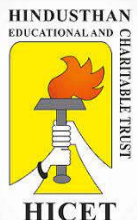


# DEPARTMENT OF INFORMATION TECHNOLOGY

## PUBLICATION - JOURNAL PAPER

S.N O	TITLE OF PAPER	NAME OF THE AUTHOR/S	NAME OF JOURNAL WITH ISSN	VOLUME, ISSUE, PAGE NO, YEAR	INDEXING IN (WOS/ SCOPUS/ OTHERS)
<b>January 2024 - June 2024</b>					
1.	Deep Stacked Autoencoder Based Residual Neural Network Transfer Learning for Copy Move Forgery Detection Technique	Prem Kumar C.D	Journal of Environmental Protection and Ecology (ISSN: 1311-5065)	Vol:25, iss:3 Pp: 888-900, 2024	SCOPUS
2.	Predictive Maintenance in Power Networks: AI-Powered Solutions for Electrical Systems	Sakthi Sree T	African Journal of Biological Sciences (ISSN: 2663-2187)	Vol:6, iss:6 Pp: 1710-1734, 2024	SCOPUS
3.	Teaching Machine Learning and Deep Learning Introduction: An Innovative Tutorial-Based Practical Approach	Dr.Sabrigiriraj M	WSEAS Transactions on Advances in Engineering Education (ISSN: 2224-3410)	Vol:21, iss: Pp: 54-61, 2024	OTHERS
4.	A Tutorial on New Methods and Algorithms for Solving LCM and GCD	Dr.Sabrigiriraj M	WSEAS Transactions on Computer (ISSN: 2224-2872)	Vol:23, iss: Pp: 136-143, 2024	OTHERS
5.	Multi-objective Cluster-head-based Energy-aware Routing using a Separable Convolution Neural Network in a Wireless Sensor Network	Priyadharshini T.R.	IEIE Transactions on Smart Processing and Computing (ISSN:2287-5255)	Vol:13, iss:2, Pp: 105-112, 2024	SCOPUS
6.	Optimising cloud data centre for environmental sustainability through energy efficient resource scheduling strategies	Yamuna N	Journal of Environmental Protection and Ecology (ISSN: 1311-5065)	Vol:25, iss:2, Pp: 637-648, 2024	SCOPUS
7.	Enhancing E-commerce: Leveraging Machine Learning for Sentimental Analysis in Customer Feedback	Ilayaraja N	International Journal of Innovative Research in Computer and Communication Engineering (ISSN: 2320-9801)	Vol:12, iss:4, Pp: 3659-3663, 2024	OTHERS
8.	Virtual Mouse Using Hand Gesture Recognition	Dr Ganesan M	International Journal of Innovative Research in Computer and Communication Engineering (ISSN: 2320-9801)	Vol:12, iss:4, Pp: 3643-3647, 2024	OTHERS
9.	Dermatological Disease Detection with ML Based Image Analysis	Sakthi Sree T	International Journal of Innovative Research in Computer and Communication Engineering (ISSN: 2320-9801)	Vol:12, iss:4, Pp: 3637-3642, 2024	OTHERS





# DEPARTMENT OF INFORMATION TECHNOLOGY

## PUBLICATION - JOURNAL PAPER

10.	Predictive Analytics in Healthcare Empowering Consultation Using Machine Learning	Prem Kumar C.D	International Journal of Innovative Research in Computer and Communication Engineering (ISSN: 2320-9801)	Vol:12, iss:4, Pp: 3654-3658, 2024	OTHERS
11.	Automatic autonomous heart monitoring device using machine learning for covid patients	Revathi P	AIP conference proceedings (ISSN:1551-7616)	Vol:2802, iss:1, Pp: 6691-6705, 2024	SCOPUS

## PUBLICATION – PATENT

S.No	Inventor(s) Name	Title of the Patent	Patent Application Number	Date of Published	Status of Patent (Published/Granted)
<b>January 2024 - June 2024</b>					
1.	Dr.Sabrigiriraj M	Smart Heartbeat Analyzer Using Artificial Intelligence AND IOT	202441041374	31-05-2024	Published

## PUBLICATION - BOOK / BOOK CHAPTER

S.no	Name of the teacher	Title of the book/ chapters published	Year of publication	ISBN number	Name of the publisher
<b>January 2024 - June 2024</b>					
1.	Mr. Premkumar C. D. Ms. Revathi P	DT-AXYOLOV5: An Efficient Digital Twin-Assisted Deep-Learning-Based Blockchain Framework for Patient Discomfort Detection in Smart Healthcare System	2024	978-3-031-58523-4	Springer
2.	Dr.Sabrigiriraj M	Programming Prowess: Conquering 110 Coding Challenges	2024	978-81-969837-3-4	Hindusthan Educational Institutions
3.	Ms. Athira S	Problem Solving Using C++	2024	978-93-5757-861-5	Scientific International Publishing House



# DEPARTMENT OF INFORMATION TECHNOLOGY

## CONFERENCE PAPER PRESENTATION BY FACULTY

S.No	Name of the author/s	Title of paper	Name of the conference	Date of the conference
January 2024 - June 2024				
1.	Dr. Rajiv Suresh Kumar G	Smart Mattress for Sleeping Apnea using IoT	International Conference on Recent Trends in Computer Science and Data Analytics	2nd February 2024
2.	Ms. Yamuna N	Performance Optimization in Software-Defined Networks Based on IoT Networks	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	04th-05th April 2024
3.	Mr. Praveen Kumar R	Neem Leaf Disease Detection based on Enhanced Leaky Capacitor-Fired Neuron (LCFN) Model	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	04th-05th April 2024
4.	Dr.Sabrigiriraj M	Navigating the ODL Landscape: Challenges, Innovations, and Regulatory Solutions	International Conference on Educational Technology and Online Learning (ICETOL)	15th-17th May 2024
5.	Dr.Sabrigiriraj M	Wide Sense Nonblocking Multicast in WDM Optical Binary Tree	13th International Conference on Modern Circuits and Systems Technologies (MOCAST)	26th-28th June 2024



# DEPARTMENT OF INFORMATION TECHNOLOGY

## 2023-2024 CLASS TOPPERS

### II IT A



**DEEPAK KUMAR N**

**9.7 CGPA**

### III IT A



**AJAY**

**9.58 CGPA**

### IV IT A



**KANIMOZHI V**

**9.37 CGPA**

### II IT B



**SABARI DHARSHINI V**

**9.6 CGPA**

### III IT B



**KAVIYA L**

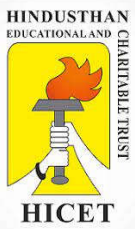
**9.16 CGPA**

### IV IT B



**STEGIN RAJEEV**

**9.13 CGPA**



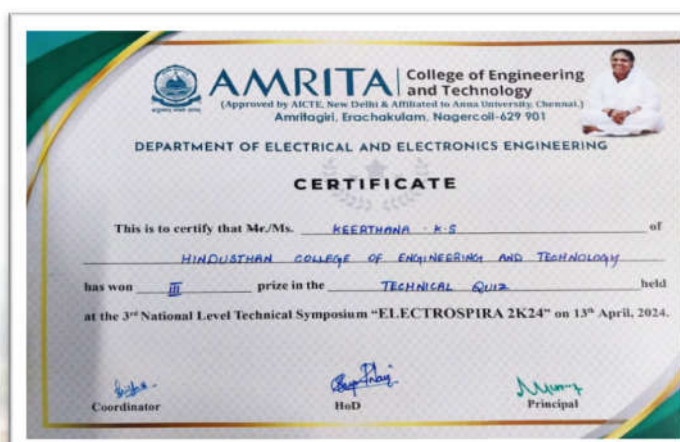
# DEPARTMENT OF INFORMATION TECHNOLOGY

## NAAN MUDHALVAN NIRAL THIRUVIZHA-2024 FUNDED PROJECTS

S.No	Month & Year	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency & Duration	Amount	Completed/ On-going
1	March & 2024	Dr Sabrigiriraj M	Intelligent Chatbot for Government Scheme Information and Eligibility Assessment	Naan Mudhalvan Niral Thiruvizha 2024 (3 months)	10,000	Completed
2	March & 2024	Mr Premkumar C D	Tea Leaf Disease Prediction Using Deep Learning Algorithm	Naan Mudhalvan Niral Thiruvizha 2024 (3months)	10,000	Completed
3	March & 2024	Ms Jency C	User Interface of BlockChain based Agri-Food Traceability Applications	Naan Mudhalvan Niral Thiruvizha 2024 (3months)	10,000	Completed

# DEPARTMENT OF INFORMATION TECHNOLOGY

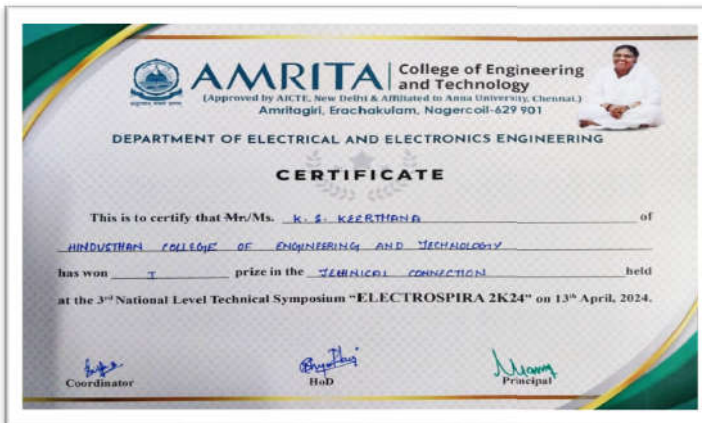
## II-IT A CO CURRICULAR ACTIVITIES CERTIFICATES





# DEPARTMENT OF INFORMATION TECHNOLOGY

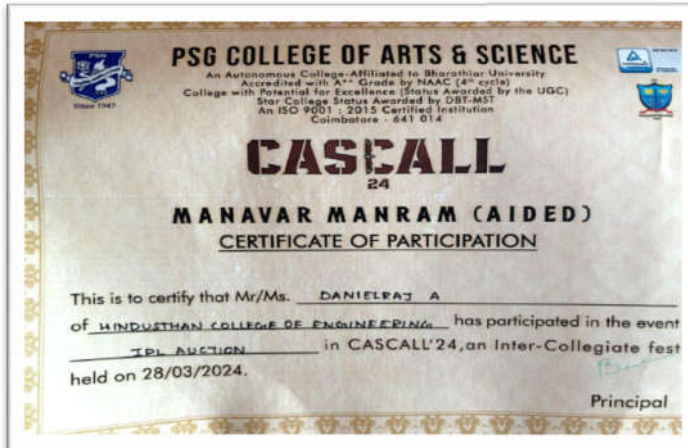
## II-IT A CO-CURRICULAR ACTIVITIES CERTIFICATES





# DEPARTMENT OF INFORMATION TECHNOLOGY

## II-IT A CO-CURRICULAR ACTIVITIES CERTIFICATES



# DEPARTMENT OF INFORMATION TECHNOLOGY

## II-IT A CO-CURRICULAR ACTIVITIES CERTIFICATES





# DEPARTMENT OF INFORMATION TECHNOLOGY

## II-IT B CO-CURRICULAR ACTIVITIES CERTIFICATES



# DEPARTMENT OF INFORMATION TECHNOLOGY

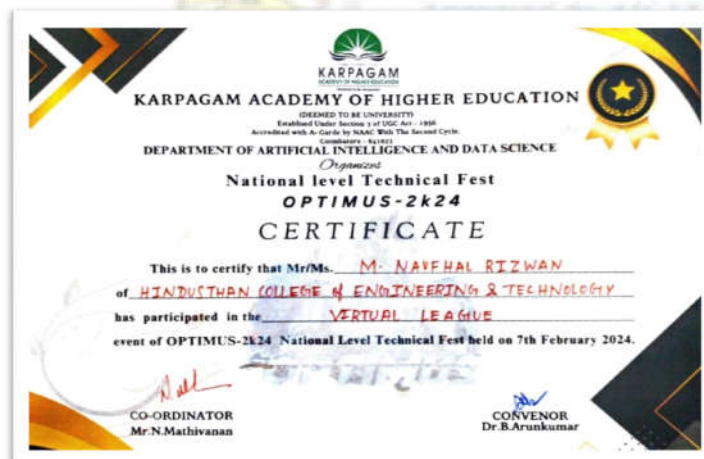
## II-IT B CO-CURRICULAR ACTIVITIES CERTIFICATES



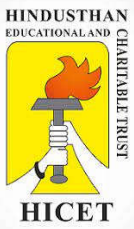


# DEPARTMENT OF INFORMATION TECHNOLOGY

## II-IT A CO-CURRICULAR ACTIVITIES CERTIFICATES







# DEPARTMENT OF INFORMATION TECHNOLOGY

## II-IT B CO-CURRICULAR ACTIVITIES CERTIFICATES





# DEPARTMENT OF INFORMATION TECHNOLOGY

## PLACED STUDENTS

### FIS GLOBAL



**MAHESWARAN S**



**SIVASUNDARESAN S**



**SURIYA T**

### KODNEST



**ARAVIND  
SUBRAMANIAN N**



**BENANIOSAM S**



**KAVIN P**



**SARAVANA KUMAR R**



**SRIRAM M**



**SURESH K**



**VINITH V**



**SUBASH M**



# DEPARTMENT OF INFORMATION TECHNOLOGY

## KBS SOFTWARE SOLUTIONS



**SHAIK HAMZA M**



**SHAIK SADAM HUSSAIN M**

## DIAMOND PICK



**GOPI V**



**NADAR RAJMANI  
VANNIYARAJ**



**PRAVEEN K**



**SARATHI P**



**SARANKUMAR S**



**SOORYA PRASATH J**





## DEPARTMENT OF INFORMATION TECHNOLOGY

### TATA CONSULTANCY SERVICES LIMITED



**MUKESH PRAKASH P**



**STEGIN RAJEEV**



**SUNILKUMAR K**

### BAHWAN CYBERTEK



**SWETHA S**



**GOKUL R**



**VEERAMANIKANDAN K**



**GIRIPRASATH V M**



**JAYA VISHNU E**

### NXTLOGIC SOFTWARE SOLUTIONS



**DINESH R**



**AJAY SURYA V**



**PRAVEEN RAVI**



**RIYASVEL K T**

### CODE BIND TECHNOLOGIES





# DEPARTMENT OF INFORMATION TECHNOLOGY

## CORIZO



**SUBHAPRIYAN V**



**BEN BINU JACOB**



**ANURANJ  
VELLUVA**



**SANTHOSH  
KUMAR K**



**SHEIK DAWOOD B**

## ON MOBILE



**VISHWA M**



**SRI DHARAN S**



**UDHAYA KUMAR S**

## QUEST GLOBAL



**AJITH S**



**NAVEENKUMAR R**



**GANESHMOORTHY S**



**GOVARDHAN K K**



**KAMALESH S**



# DEPARTMENT OF INFORMATION TECHNOLOGY

## QUEST GLOBAL



**KAVIYA M**



**SIVAGURU T**



**RAJMOHAN S**



**SATHAPPAN L**

## SLTECHNOCRATS



**KRISHNAVAMSI S**

## OBJECTWAYS TECHNOLOGIES



**VAISHNAVI R**

## HCL TECHNOLOGIES LTD



**KANIMOZHI V**

# DEPARTMENT OF INFORMATION TECHNOLOGY

## FACULTY NPTEL COURSE CERTIFICATES



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

This certificate is awarded to  
**SABRIGIRIRAJ M**  
for successfully completing the course  
**An Introduction to Artificial Intelligence**

with a consolidated score of **60** %

Online Assignments	19.6/25	Proctored Exam	40.7/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **170**

Prof. Devendra Jalihal  
Chairman  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS085364600135 To verify the certificate No. of credits recommended: 3 or 4



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

This certificate is awarded to  
**SABRIGIRIRAJ M**  
for successfully completing the course  
**Artificial Intelligence: Knowledge Representation and Reasoning**

with a consolidated score of **62** %

Online Assignments	18.9/25	Proctored Exam	43.34/75
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Total number of candidates certified in this course: **216**

Prof. Devendra Jalihal  
Chairman  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS145964600107 To verify the certificate No. of credits recommended: 3 or 4



**NPTEL DISCIPLINE STAR**

**CERTIFICATE OF APPRECIATION**  
TO  
**SABRIGIRIRAJ M**  
Computer Science and Engineering  
for being recognized as NPTEL DISCIPLINE STAR  
JAN-APR 2024

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

NPTEL DISCIPLINE STAR  
Candidates have to be certified in courses of same discipline, completed more than 30 weeks of learning, final score in each subject >= 55

NPTEL swayam



**NPTEL** **swayam** **DOMAIN CERTIFICATE**

This is to certify that  
**SABRIGIRIRAJ M**  
has successfully completed the requirement for NPTEL Domain Certification in  
**Artificial Intelligence**  
(Computer Science)  
The courses were completed in the period April 2024

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Roll No: NPTEL24CS24200000481 To verify and check scores: NPTEL24CS24200000481

Course Name	Credits	Score	Grade	Final Score	Final Grade
Introduction to Artificial Intelligence	10 credits	47/100	Grade: C++	47	C++
Artificial Intelligence: Knowledge Representation and Reasoning	10 credits	43/100	Grade: C++	43	C++
Special Topics in AI	10 credits	40/100	Grade: C++	40	C++
Introduction to Machine Learning	10 credits	47/100	Grade: C++	47	C++
Deep Learning: Theory and Practice	10 credits	47/100	Grade: C++	47	C++
Neural Network Programming	10 credits	47/100	Grade: C++	47	C++
<b>Total</b>	<b>60</b>	<b>438</b>			

Criteria for certification in Artificial Intelligence Domain:  
The candidate should complete the prerequisite in one course and a domain course.  
Obtaining a minimum of 40% marks in prerequisite and domain course.  
Obtaining a final score in the domain discipline >= 55.  
Obtaining a final score in the domain discipline >= 55.



# DEPARTMENT OF INFORMATION TECHNOLOGY

## FACULTY NEP 2020 ORIENTATION PROGRAMME CERTIFICATES





# DEPARTMENT OF INFORMATION TECHNOLOGY





# DEPARTMENT OF INFORMATION TECHNOLOGY

## NPTEL COURSE COMPLETED LIST

S.No.	Reg No	Name	Title of NPTEL Course	Marks Obtained %	Course Period (12 Week)
1.	720722110003	Anand B	Cloud Computing	63	Jan-Apr 2024
2.	720722110005	Daniel Raj A	Data Analytics with Python	70	Jan-Apr 2024
3.	720722110006	Deepak kumar N	Data Analytics with Python	68	Jan-Apr 2024
4.	720722110008	Gokul S	Cloud Computing	60	Jan-Apr 2024
5.	720722110010	Hari Atshaya A	Cloud Computing	55	Jan-Apr 2024
6.	720722110016	Mithun Akash SV	Cloud Computing	71	Jan-Apr 2024
7.	720722110020	Prasath S	Data Analytics with P Python	63	Jan-Apr 2024
8.	720722110031	Ahmed Farhan	Cloud Computing	62	Jan-Apr 2024
9.	720722110033	Akhalyashree N	Privacy and Security in Online Social Media	77	Jan-Apr 2024
10.	720722110035	Arthishri T	Cloud Computing	62	Jan-Apr 2024
11.	720722110037	Arunkumar.C	Cloud Computing	68	Jan-Apr 2024
12.	720722110038	Ashok Kumar K	Cloud Computing	66	Jan-Apr 2024
13.	720722110045	Dharanidharan K	Privacy and Security in Online Social Media	71	Jan-Apr 2024
14.	720722110049	Divya E	Data Analytics with Python	69	Jan-Apr 2024
15.	720722110050	Durkadevi M	Cloud Computing	66	Jan-Apr 2024
16.	720722110052	Gokul E	Cloud Computing	68	Jan-Apr 2024
17.	720722110055	Hari krishnan S	Cloud Computing	56	Jan-Apr 2024
18.	720722110057	Jegan K	Introduction to Database Systems	54	Jan-Apr 2024
19.	720722110060	Kalanithi J	Cloud Computing	65	Jan-Apr 2024
20.	720722110805	Muhammed Mubaarak S	Cloud Computing	58	Jan-Apr 2024
21.	720722110002	Aiswarya	Cloud Computing	66	Jan-Apr 2024
22.	720722110067	Lingeshwaran R	Cloud Computing	54	Jan-Apr 2024
23.	720722110067	Mahaprabhu	Cloud Computing	50	Jan-Apr 2024
24.	720722110072	Merlin Swetha M	Cloud Computing	72	Jan-Apr 2024
25.	720722110076	Mohanapriya K	Cloud Computing	78	Jan-Apr 2024
26.	720722110077	Moniksha T	Cloud Computing	60	Jan-Apr 2024
27.	720722110078	Munispriya R	Cloud Computing	78	Jan-Apr 2024
28.	720722110080	NavfhalRizwan M	Cloud Computing	54	Jan-Apr 2024
29.	720722110081	Pardeepan P	Cloud Computing	55	Jan-Apr 2024



# DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Reg No	Name	Title of NPTEL Course	Marks Obtained %	Course Period (12 Week)
30.	720722110083	Poovarasan S	Cloud Computing	75	Jan-Apr 2024
31.	720722110084	Pradhiksha	Cloud Computing	66	Jan-Apr 2024
32.	720722110085	Prakash M	Cloud Computing	61	Jan-Apr 2024
33.	720722110086	Praveen Kumar A	Cloud Computing	67	Jan-Apr 2024
34.	720722110090	Raghul Nirubhan A	Cloud Computing	72	Jan-Apr 2024
35.	720722110093	Rishi T	Cloud Computing	76	Jan-Apr 2024
36.	720722110096	Sanjai R	Cloud Computing	63	Jan-Apr 2024
37.	720722110101	Sarmatha M	Cloud Computing	64	Jan-Apr 2024
38.	720722110102	Sathyamoorthi	Cloud Computing	68	Jan-Apr 2024
39.	720722110103	Selvaraj R	Cloud Computing	57	Jan-Apr 2024
40.	720722110104	Sham Kumar M	Cloud Computing	65	Jan-Apr 2024
41.	720722110106	Siva M	Cloud Computing	54	Jan-Apr 2024
42.	720722110107	Sneha	Cloud Computing	53	Jan-Apr 2024
43.	720722110109	Sowmiya M	Cloud Computing	60	Jan-Apr 2024
44.	720722110110	Sreenithi V P	Cloud Computing	69	Jan-Apr 2024
45.	720722110113	Sujithra J	Cloud Computing	56	Jan-Apr 2024
46.	720722110125	Yashwanth T	Cloud Computing	69	Jan-Apr 2024



# DEPARTMENT OF INFORMATION TECHNOLOGY

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

This certificate is awarded to  
**RISHI T**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **76** %

Online Assignments	24.03/25	Proctored Exam	51.3/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175453804505 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**SARMATHA M**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **64** %

Online Assignments	24.53/25	Proctored Exam	39.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175453803353 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**MONIKSHA T**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **60** %

Online Assignments	23.06/25	Proctored Exam	36.72/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175453804486 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**KALANITHI J**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **65** %

Online Assignments	24.22/25	Proctored Exam	40.31/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175353803544 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**NAVPHAL RIZWAN M**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **54** %

Online Assignments	24.22/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175353803158 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**SUJITHRA J**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **56** %

Online Assignments	24.19/25	Proctored Exam	31.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS175353803173 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**JEGAN K**  
for successfully completing the course  
**Introduction to Database Systems**

with a consolidated score of **54** %

Online Assignments	19.78/25	Proctored Exam	34.17/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1159

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS55553800324 To verify the certificate No. of credits recommended: 3 or 4

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

This certificate is awarded to  
**HARI KRISHNAN S**  
for successfully completing the course  
**Cloud Computing**

with a consolidated score of **56** %

Online Assignments	14.44/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: 23872

Jan-Apr 2024  
(12 week course)

Indian Institute of Technology Kharagpur

swayam

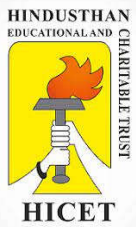
Roll No: NPTEL24CS175353803206 To verify the certificate No. of credits recommended: 3 or 4



# DEPARTMENT OF INFORMATION TECHNOLOGY

## INDUSTRIAL VISIT – GOA PHOTOS





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Department of Information Technology



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Department of Information Technology



# DEPARTMENT OF INFORMATION TECHNOLOGY



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