KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF INFORMATION TECHNOLOGY

INFO TECH PARK



INFO TECH SPARK - NEWS LETTER- 2026

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CONTENTS

- VISION & MISSION OF THE INSTITUTION
- VISION & MISSION OF THE DEPARTMENT
- PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)
- PROGRAMME SPECIFIC OUTCOMES (PSOs)
- ABOUT THE DEPARTMENT
- KNOWLEDGE ENRICHMENT
- EVENTS ORGANIZED
- FACULTY ACHIEVEMENTS
- STUDENT ACHIEVEMENTS
- PLACEMENT CORNER
- THINK!!!
- EDITORIAL TEAM

VISION OF THE INSTITUTION

To make this Institution the unique of its kind in the field of Research and Development activities in this part of world.

MISSION OF THE INSTITUTION

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

VISION OF THE DEPARTMENT

To make the department of Information Technology the unique of its kind in the field of Research and Development activities in this part of world.

MISSION OF THE DEPARTMENT

To impart highly innovative and technical knowledge in the field of Information Technology to the urban and unreachable rural student folks through Total Quality Education.

PROGRAM EDUCATION OBJECTIVE (PEOs)

PEO1: Technical Knowledge

Graduates will be able to identify, analyze and create solutions for real life, industrial and societal needs by applying the principles and practices of Information Technology.

PEO2: Teamwork & Ethics:

Graduates will be able to collaborate effectively and ethically in a multi-disciplinary team as a member & as a leader.

PEO3: Lifelong Learning:

Graduates will be able to adopt the contemporary technologies in the field of Information Technology to provide solutions for challenging environments.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Engineering Graduates will be able to:

PSO 1: Demonstrate technical and interpersonal skills to design and develop IT enable solutions to meet the real time industrial and societal needs.

PSO2: Exhibit an ability to adapt to the evolutionary changes in computing.

PROGRAM OUTCOMES (POs):

Engineering graduates will be able to

PO1: **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization for the solution of complex engineering problems.

PO2: **Problem analysis:** Identify, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO3: **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.

PO4: **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: **Engineering tool usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.

PO6: **The Engineer and the World:** Analyse and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, legal, framework, culture and environment.

PO7: **Ethics:** Apply ethical principles and commit to professional ethic, human values, diversity and inclusion; adhere to national & international laws.

PO8: **Individual and Collaborative Team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO9: **Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear Instructions.

PO10: **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one‘s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO11: **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ABOUT THE DEPARTMENT:

Information Technology is one of the most dynamic fields in the modern world. Information Technology or "InfoTech" evolved when computing and communicating technologies amalgamated. It prepares the students to meet the technical demands of business, government, healthcare, military, education, and other organizations. Information Technology is used in almost every sphere of profession, making the process much easier, by developing competent and effective solutions to real life problems. IT sector is growing at fast pace and creating ample opportunities in India and abroad for deserving candidates having employable skills Department of Information Technology was established in the year 2001 and has 19 vibrant and well qualified teaching faculty members expertise in various fields of Information Technology who exerts dedicated work to produce high caliber technocrats. Of them, four have completed their doctoral degrees and eleven of them are pursuing their doctoral degrees. The objective of the department is to prepare the students to face challenges in the changing world. IT Professionals will find their career in various key areas like Artificial Intelligence, Augmented Reality, Data Analytics, Networking, Data Management, Multimedia and Computer graphics, Communications, Web Technology, Software Designs, Management and Administration of Systems.

HEAD OF THE DEPARTMENT:

Dr. E. Vakaimalar heads the Department of Information Technology since September 2022. She received her Doctorate in Philosophy under the Faculty of Information and Communication Engineering from Anna University, Chennai. She completed her PG in Computer Science and Engineering in Mepco Schlenk Engineering College from Sivakasi & UG in Computer Science and Engineering from Periyar Maniammai College of Engineering and Technology for Women, Thanjavur. She has 25 years of Teaching Experience. Her area of interest includes Image processing, computer vision and data mining.



Knowledge Bytes

Quantum AI

Quantum AI is a modern technology that combines Artificial Intelligence and Quantum Computing to solve complex problems faster and more efficiently. Artificial Intelligence helps machines learn and make decisions, while Quantum Computing uses qubits instead of normal bits to process large amounts of data at high speed. By combining these two technologies, Quantum AI aims to improve the performance of intelligent systems.

In traditional computers, data is processed using bits that store either 0 or 1. Quantum computers use qubits, which can represent both 0 and 1 at the same time through a concept called superposition. This allows quantum computers to perform multiple calculations simultaneously. As a result, Quantum AI can analyze huge datasets, identify patterns, and make predictions much faster than conventional AI systems.

Quantum AI has applications in many fields such as healthcare, finance, cybersecurity, transportation, and scientific research. In healthcare, it can help in faster drug discovery and disease diagnosis. In finance, it can improve risk analysis and market prediction. It can also optimize traffic systems, strengthen data security, and support advanced scientific simulations that are difficult for normal computers to handle.

Although Quantum AI is still in the early stages of development, many technology companies and researchers are investing heavily in this field. Organizations like Google Quantum AI and IBM Quantum are working on building powerful quantum systems for future applications.

Naveen Kumar K M
23UIT014

Output Odyssey

```
from django.http import HttpResponse
def test(request):
    request.session["count"] = 0
    result = ""
    for i in range(1, 6):
        request.session["count"] += i
        if request.session["count"] % 2 == 0:
            result += str(i) + "E "
        else:
            result += str(i) + "O "
return HttpResponse(result)
```

Answer:

1O 2E 3O 4E 5O

Charumathi M
23UIT057

Word Wizard Challenge

Error Identification

a) Each of the students have submitted their assignment.

b) Neither of the answers are correct.

c) She suggested me to join the course.

Answers:

a) Each of the students **has** submitted his/her assignment.

b) Neither of the answers **is** correct.

c) She suggested that I join the course.

Sentence Transformation (Passive Voice)

Convert into passive voice:

a) The teacher explains the lesson.

b) They are building a new laboratory.

c) The company will launch a new app.

Answers:

a) The lesson is explained by the teacher.

b) A new laboratory is being built by them.

c) A new app will be launched by the company.

Saranya S
24UIT058

ART CORNER



R. HEMA MALINI

21UIT042

DATA NUGGETS: FASCINATING FACTS

1. Data is Growing Exponentially

Around 2.5 quintillion bytes of data are generated every day from social media, sensors, online transactions, and IoT devices.

2. Data Cleaning Takes Most of the Time

Data scientists spend nearly 70–80% of their project time cleaning and preparing data rather than building models.

3. Machine Learning is a Subset of Data Science

Data Science includes statistics, data analysis, visualization, and machine learning, while Machine Learning focuses mainly on predictive algorithms.

4. Python Dominates Data Science

Programming languages like Python, R, and SQL are widely used, but Python leads because of libraries such as Pandas, NumPy, Matplotlib, and Scikit-Learn.

5. Netflix Uses Data Science for Recommendations

Recommendation engines analyze watch history, ratings, and viewing patterns to personalize user suggestions.

6. Data Science Uses "Feature Engineering"

Creating meaningful input variables (features) can often improve model performance more than changing the algorithm itself.

7. Overfitting is a Common Challenge

A model that performs extremely well on training data may fail on unseen data — this is called overfitting.

8. Big Data is Characterized by the 5Vs

Volume, Velocity, Variety, Veracity, and Value define Big Data systems.

9. Data Visualization Improves Decision Making

Graphs, dashboards, and heat maps help convert complex datasets into understandable insights.

10. AI Models Learn from Patterns, Not Understanding

Machine learning models recognize mathematical patterns in data; they do not "understand" information like humans do.

11. Data Science Powers Everyday Applications

Spam filters, fraud detection, voice assistants, online shopping recommendations, and navigation apps rely on data science.

12. Predictive Analytics Forecasts Future Trends

Data science can predict sales, weather, disease outbreaks, stock trends, and customer behavior.

13. SQL Remains Essential

Even with advanced AI tools, SQL remains one of the most important skills for querying and managing data.

14. Bias in Data Leads to Biased Models

If training data contains bias, AI systems may produce unfair or inaccurate outcomes.

15. Data Science is Used Across Industries

Healthcare, finance, cybersecurity, agriculture, education, and sports analytics heavily depend on data science.

16. Deep Learning Requires Massive Computing Power

Training large neural networks often needs GPUs and cloud computing resources.

17. Data Scientists Use A/B Testing

Companies test two versions of a webpage, app, or feature to determine which performs better.

18. Data Lakes vs Data Warehouses

- Data Lake → Stores raw structured and unstructured data.
- Data Warehouse → Stores processed, organized data for analysis.

19. The First Data Scientist Role Emerged Recently

The term "Data Scientist" became popular only in the last decade despite statistics existing for centuries.

20. Explainable AI (XAI) is the Future

Modern AI systems focus not only on accuracy but also on explaining how decisions are made.

P.KAMALIGA

24UIT011

EVENTS ORGANIZED

ALUMNI GUEST LECTURE :

S.No	Name of the Event	Date of the Event	Year	Resource Person
1	Building a Future-Ready Career in the Age of AI	02.03.2026	III IT	Mr. K.Kannan, Batch 2000 - 2004 +31616357649 Kannan.nk@gmail.com Technical Project Leader, ASML, Veldhoven, Netherlands.
2	Industry Readiness for Freshers	29.12.2025	II IT	Mr. S. Sivanesh Kumar, 9642639666, 2002-2006, Agile Coach / Scrum Master, Telstra, Bangalore.

EVENTS ORGANIZED

ASSOCIATION:

S.No	Name of the Event	Date of the Event	Year	Resource Person
1	Guest Lecture on Skills for Career Success	04-03-2026	IV IT	Ms.D.Shofia, CEO, Rohil Technologies, Virudhunagar.

EVENTS ORGANIZED

VALUE ADDED COURSES :

S.No	Name of the Course	Duration	Year	Company Offered
1.	Elite C Programming and smart optimization	05.01.2026 To 10.01.2026	II Year	Lithi Infotech
2	Modern Java Mastery for Engineers	05.01.2026 To 10.01.2026	II Year	MACVEL Software Solutions Private Limited
3	Next-Gen C Programming for Engineers	05.01.2026 To 10.01.2026	II Year	Foursteps Training Solutions Pvt. Ltd.

FACULTY ACHIEVEMENTS

NPTEL



Dr.E.Vakaimalar, HoD/IT
Programming in Java
100% Elite + Gold
with (Top 1%)



Dr.R.Muthu Selvi,
Professor/IT
Research Methodology
75% Elite + Silver
with (Top 5%)



Mrs.S.Gayathri,AP/IT
Problem Solving Through Programming in C
77% Elite + Silver
with (Top 5%)



Mr.C.Raj Kannan, AP/IT
Wireless Adhoc and Sensor Networks
86% Elite + Silver



Mrs.K.Kartheeswari, AP/IT
Cloud Computing
77% Elite + Silver

FACULTY ACHIEVEMENTS

CONSULTANCY



Dr.R.Muthu Selvi, Professor/IT



Dr.R.Arthy, ASP/IT



Mrs.V.Deepa Priya, AP/IT

Successfully completed the consultancy project titled "AI Agent – Message Builder" for T-Square Cloud, Karaikudi, valued at Rs.1,20,000, showcasing the department's expertise in AI-driven industry solutions.

SEED MONEY



Dr.R.Arthy, ASP/IT



Mrs.V.Deepa Priya, AP/IT

Received a Seed Money Project grant of Rs. 5,00,000 for the project titled "Automated Infrared Thermal Imaging (IRTI): A Potential Instrument for Prompt Diabetic Foot Complication Early Identification and Management via Deep Learning Techniques," promoting interdisciplinary research in healthcare and artificial intelligence.

STUDENTS CERTIFICATION – NPTEL

S.no	Students Name	Roll no	Certification Name	Duration	Score
1	DANANJAN J	23UIT005	Cloud Computing and Distributed Systems	8weeks	69(Elite)
2	VISHAL V	23UIT009	Software Testing	4weeks	61(Elite)
3	SANTHI K	23UIT011	Cloud Computing and Distributed Systems	8 Weeks	78 (Elite)
4	SONIYA S	23UIT028	Cloud Computing and Distributed Systems	8 weeks	60(Elite)
5	NANDHINI K	23UIT032	Cloud Computing and Distributed Systems	8 weeks	70 (Elite)
6	DIVYABHARATHI T	23UIT036	Cloud Computing and Distributed Systems	8 Weeks	62 (Elite)
7	GEETHADEVI S	23UIT056	Cloud Computing and Distributed Systems	8weeks	70 (Elite)
8	ARUNA S	23UIT060	Cloud Computing and Distributed Systems	8 Weeks	66(Elite)
9	VISHWAA T	23UIT061	Cloud Computing and Distributed Systems	8 Weeks	73 (Elite)
10	PANDI S	23UIT065	Internet Crimes and Cyber Security	8 Weeks	67(Elite)
11	SHUNMUGAPRIYA E	23UIT072	Cloud Computing and Distributed Systems	8 Weeks	67(Elite)
12	SRINIDHI V	23UIT079	Cloud Computing and Distributed Systems	8 Weeks	66 (Elite)
13	DHARUN R	23UIT089	Cloud Computing and Distributed Systems	8 Weeks	60 (Elite)
14	NEHA SHREE M	23UIT091	Cloud Computing and Distributed Systems	8 Weeks	70 (Elite)
15	DHARANI R	23UIT092	Cloud Computing and Distributed Systems	8 Weeks	55
16	MADHUMITHA S	23UIT093	Cloud Computing and Distributed Systems	8 Weeks	79(Elite)
17	ZAKIYA HASEENA M	23UIT097	Data Analytics Using Python	12 Weeks	55
18	GUNA NANDHINI S	23UIT099	Cloud Computing and Distributed Systems	8 Weeks	58
19	ARCHANA M	23UIT100	Cloud Computing and Distributed Systems	8 Weeks	58(Elite)
20	VRIJIN STEFFI A	23UIT112	Cloud Computing and Distributed Systems	8 Weeks	63(Elite)
21	SHAKTHI PRIYA T G	24UIT051	Introduction to Database Systems	12 Weeks	45
22	PRINCY SHEREEN N	24UIT054	Introduction to Database Systems	12 weeks	50

23	SARANYA S	24UIT058	Introduction to Database Systems	12 weeks	54
24	KAVIYASHREE A	24UIT059	Introduction to Database Systems	12Weeks	51
25	YALINIDEVI T	24UIT060	Introduction to Database Systems	12 Weeks	47
26	SAIPRASATH V	24UIT065	Introduction to Database Systems	12 Weeks	49
27	GAYATHRI K	24UIT075	Introduction to Database Systems	8Weeks	61(Elite)

STUDENTS PUBLICATION – Journal

Student Name	Title of the Paper	Name of the Co-authors	Name of the Journal	Volume & Issue No.	Month & Year	Impact Factor	ISSN No.
Isaac Pradeep Raj.K.L, Deepasri.R, Afrin Thayufa.S, Jeyalakshmi.M	MediAura“ An AI-Driven Digital Healthcare Ecosystem for Seamless Medical Access	Mr.G.H.Ram Ganesh AP/IT	International Research Journal on Advanced Science Hub	13,7	Aug 2025	3.5	2582-4376

PRIZES WON BY STUDENTS – Technical

Student Name (RollNo.)	Symposium Name	Organizer	From Date - To Date	Event Name	Place
NAGADEEPAK V (24UIT027)	TECHBIZ 26’	Sethu Institute of Technology, Kariyapatti	11-03-2026	Brand Storm	Second
KISHOR RAJA J (24UIT077)	TECHBIZ 26’	Sethu Institute of Technology, Kariyapatti	11-03-2026	Brand Storm	Second
RAMBHASKAR E (24UIT042)	TECHBIZ 26’	Sethu Institute of Technology, Kariyapatti	11-03-2026	Brand Storm	Second
MOHAMMED IBRAHIM F (24UIT045)	INFINITE-2026	Francis Xavier Engineering College, Thirunelveli	24-03-2026	Paper Presentation	First
MOHAMMED IBRAHIM F (24UIT045)	INFINITE-2026	Francis Xavier Engineering College, Thirunelveli	24-03-2026	Project Expo	Second
JESWIN SAMUEL S (24UIT053)	INFINITE-2026	Francis Xavier Engineering College, Thirunelveli	24-03-2026	Paper Presentation	First
JESWIN SAMUEL S (24UIT053)	INFINITE-2026	Francis Xavier Engineering College, Thirunelveli	24-03-2026	Project Expo	Second
YALINIDEVI T (24UIT060)	XION 2026 Neurobotix	SRM Institute of Science and Technology, Chennai	24-03-2026	Decode Reality	First
JABEEN A (24UIT035)	XION 2026 Neurobotix	SRM Institute of Science and Technology, Chennai	24-03-2026	Decode Reality	First
ABIKSHA S (24UIT043)	Euphoria 26	Kalasalingalam academy of research and education, Srivilliputhur	13-03-2026 to 14-03-2026	Board Blitz	First
DHANYA.S (23UIT007)	Euphoria 26	Kalasalingalam academy of	13-03-2026 to	Board Blitz	First

		research and education, Srivilliputhur	14-03-2026		
SHIVA SHREE.R (23UIT017)	Euphoria 26	Kalasalingalam academy of research and education, Srivilliputhur	13-03-2026 to 14-03-2026	Board Blitz	First
NAVEEN KUMAR.K.M (23UIT014)	Hackcelerate' 26	SRM Institute of Science and Technology, Chennai	2026-01-30 to 2026-01-31	Hackathon	Second
NAVEEN KUMAR.K.M (23UIT014)	iQube Innovel 5.0	Sri Venkateshwara College of Engineering, Chennai	2026-02-02 to 2026-02-03	Hackathon	First
VISHWAA.T (23UIT061)	Qevra'26	Mangayarkarasi College Of Engineering, Madurai	10-02-2026	UI/UX Design	Second
VISHWAA.T (23UIT061)	Qevra'26	Mangayarkarasi College Of Engineering, Madurai	10-02-2026	Paper Presentation	First
VISHWAA.T (23UIT061)	BizNovexa 2026	Ramcoo Institute of Technology, Rajapalayam	10-04-2026	Hackathon	Second
VISHWAA.T (23UIT061)	AIXENZA 2K26	SSM Institute of Engineering and Technology, Dindigul	09-04-2026	Innosphere	First
VISHWAA.T (23UIT061)	AIXENZA 2K26	SSM Institute of Engineering and Technology, Dindigul	09-04-2026	DeepSolve	Second

STUDENTS PUBLICATION – Conference

Student Name (RollNo.)	Title of the Paper	Conference Name	From Date - To Date	Conference Level
ABINAYA R (22UIT036)	A Deep learning-driven adaptive learning system for personalized education	14th International Conference on Contemporary Engineering and Technology 2026, Chennai	2026-03-22 to 2026-03-23	International
ABINAYA SELVI S (22UIT083) DEEPIKA M (22UIT045) KAVYA R (22UIT114)	Automated Skin Melanoma Detection and Classification Using Deep Learning Technique with ResNet50	7th International Conference on Computational Intelligence and Industry 5.0 (ICCII - 2026), Chennai	2026-03-27 to 2026-03-28	International
Y. AGUSTIN JOSHUA (22UIT095) K. ASLAM ASHIK (22UIT105) NIRANJANKUMAR P (22UIT108)	AI Powered Surveillance Systems for Threat and Anomaly Detection using CNN and Real GAN	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Coimbatore.	2026-03-20 to 2026-03-21	International
T. AKSHAYA (22UIT099) N. MAHA SWETHA (22UIT024)	Multimodal Trust Scoring Framework for Screen shot based Digital Transaction Verification Prioritization	International Conference on Advanced in Cyber Security and Ethical Hacking (ICACSEH'26), Chennai.	2026-03-13	International
R. ANANTHA GANESH (22UIT092) S. NAVEENKUMAR (22UIT081) S.SYEDYASHIN (22UIT085)	AI-Based Surveillance for Behavioral Risk Face and Weapon Detection	INCON-SDG 2026: Advancing Sustainable Development Goals through. Innovation, Technology, Health Sciences and Human Development,	2026-03-27 to 2026-03-28	International

		Bengaluru		
S. BOMMURAJ (22UIT093) N. SESHAN (22UIT084) S. SIVASANKARAPANDI (22UIT102)	Behavioral Drift Analytics – An Early Warning System for Predictive Risk Detection in Digital Platforms	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
M. BOOBALAN (22UIT004) A. DARIN VIDHU (22UIT020) K. SOUNDARA PANDIAN (22UIT038)	Mech IT – Mechanic Booking Platform	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
S. DHARSINI (22UIT023) K. MADHU BALA (22UIT076) K. SUDHAA SHREE (22UIT078)	Mumcare – Pregnancy Health Monitoring System using Machine Learning Algorithm	International Conference on Advances in Engineering and Medical Sciences (ICAEM 2026) held on 17th and 18th April 2026, Andhra Pradesh	2026-04-17 to 2026-04-18	International
M. H. FARSEEL (22UIT048) M. XAVIER RAJ (22UIT124)	AI-Driven BMI Estimation and Health Recommendation System	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development	2026-03-20 to 2026-03-21	International

		(IMSTEM 2026), Chennai		
B. GAYATHIRI (22UIT026) T. MONICA (22UIT040) A, PONKARTHIGA (22UIT012)	Smart Inventory and Enterprise Management Systems	International Conference on Advances in Engineering and Medical Sciences (ICAEM 2026) held on 17th and 18th April 2026, Andhra Pradesh	2026-04-17 to 2026-04-18	International
B. GOPIKA (22UIT086) U. HARINI (22UIT031)	Self-Supervised Deep Learning for Chest X-ray Disease Classification	International Conference on Advances in Engineering and Medical Sciences (ICAEM 2026) held on 17th and 18th April 2026, Andhra Pradesh	2026-04-17 to 2026-04-18	International
A. HARIHARAN (22UIT073) M. PRAVEEN (22UIT043) S. SANTHOSH THANGASEELAN (22UIT064)	AI-Driven Adaptive Learning Platform (ADEPTICODE)	Third International Conference on Futuristic Trends in Science, Engineering, and Management (ICFTSEM-III) 2026, Patna, Bihar	2026-02-27 to 2026-02-28	International
K. HEMAVARSHINI (22UIT042) G. SAKTHI PRIYA (22UIT049) K. SANTHIYA (22UIT059)	Smart Inhaler Monitoring System	Third International Conference on Futuristic Trends in Science, Engineering, and Management (ICFTSEM-III) 2026, Patna, Bihar	2026-02-27 to 2026-02-28	International

T. JAYASHREE (22UIT050) K. SANDHIYA (22UIT057) S. SRIDEEPALAKSHMI (22UIT082)	Kamaraj MOOC (Massive Open Online Course)	14th International Conference on Contemporary Engineering and Technology ICCET 2026, Chennai	2026-03-22	International
A. JEGAN ABISHEK (22UIT003) T. KASINATHAN (22UIT046)	AI Integrated Virtual Interview Platform	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
T. KALIMUTHU (22UIT015) J. MUTHURAMKUMAR (22UIT062) M. SATHEESH (22UIT014)	Crycode: Infant Cry Pattern Analysis and Classification using Machine Learning Algorithms	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
J. KARTHIKEYAN (22UIT001) G. NAVEEN PRABHAKARAN (22UIT006) P. RECAB JOHN SAMUEL (22UIT002)	AI – Based Landslide and Debris Flow Detection using YOLO	Third International Conference on Futuristic Trends in Science, Engineering, and Management (ICFTSEM-III) 2026, Patna, Bihar	2026-02-27 to 2026-02-28	International

S. KAVIPRASATH (22UIT113) M. KARTHICK (22UIT121)	Integrated Smart Agriculture System for Crop Health, Nutrient Balance and Harvest Efficiency	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
M. MALATHI (22UIT070) R. POOJA (22UIT060) K. PRIYAJAYAM (22UIT069)	Pancrea AI : Multimodal Deep Learning and GenAI for Pancreatic Cancer Analysis	7th International Conference on Computational Intelligence and Industry 5.0 (ICCII - 2026), Chennai	2026-03-27 to 2026-03-28	International
P. MONIGA (22UIT094) M. SEREEN FATHIMA GANI (22UIT103) S. SURIYAJAYASU BISRI (22UIT100)	Web based School Management System for Admin and Staff with Parent Mobile App	Third International Conference on Futuristic Trends in Science, Engineering, and Management (ICFTSEM-III) 2026, Patna, Bihar	2026-02-27 to 2026-02-28	International
K. MUNEESWARAN (22UIT116) S. VASANTHAKUM AR (22UIT111)	Web based School Management System for Admin and Staff with Parent Mobile App	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
S. PAVAN (22UIT089) B. PRADEEPAN (22UIT052) S. ANAND	AI Based Typing Biometric for Behavior - Locked Decrypting using Kernel Ridge Regression	Second International Conference on Innovations in Materials Science, Technology, Engineering, and	2026-03-20 to 2026-03-21	International

(22UIT120)		Management for Sustainable Development (IMSTEM 2026), Chennai		
J. RICKY JOEL (22UIT037) R. SAKESH (22UIT007) M. SELVA BALAJI (22UIT030)	Digital Disaster Modeling	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
AAKASH A (22UIT025) MANOJ KUMAR S (22UIT090) KARTHIKEYAN M (22UIT033)	Skin Type Prediction using Deep Learning for Skincare Guidance	7th International Conference on Computational Intelligence and Industry 5.0 (ICCII - 2026), Chennai	2026-03-27 to 2026-03-28	International
ABINAW C (22UIT075) MANIKANDAN M (22UIT058) NETHAJI K (22UIT117)	Smart E-learning Mobile Application	Second International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026), Chennai	2026-03-20 to 2026-03-21	International
ABIRAM M (22UIT063) ARJUN KANTH K (22UIT068)	Inner Light AI-Intelligent Face Detection Apllication for Parent-Child Monitoring	3rdInternational Conference on Advances in Engineering and Medical Sciences 2026, Malaysia	2026-04-17 to 2026-04-18	International

S. AFRIN THAYUFA (22UIT054) R. DEEPASRI (22UIT115) S. JEYALAKSHMI (22UIT079)	A Smart Assistive E-Learning Platform for Sensory-Impaired Learners	12th International Conference on Latest Trends in Science, Engineering & technology, Coimbatore	2026-03-27 to 2026-03-28	International
A. AKSHAYA BALA (22UIT009) S. DEVI PRABHA (22UIT066) C. SATHANA (22UIT101)	Web based Flood and Rainfall Prediction	7th International Conference on Computational Intelligence and Industry 5.0 (ICCII - 2026), Chennai	2026-03-27 to 2026-03-28	International
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4.	22UIT091	A. Anisha Yasmin	A & T Networks	3 – 4 LPA
5.	22UIT097	S. Balajee	Hiview.AI	3 – 4 LPA
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30.	22UIT020	Darin Vidhu A	Qonsult Systems PVT Ltd	3.5 LPA
31.	22UIT057	Sandhiya K	Apptivo	3LPA
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55.	22UIT080	Harish Raghavendra S	Ayantrix Solutions	2 LPA
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57.	22UIT084	Seshan N	Ayantrix Solutions	2 LPA
58.	22UIT124	Xavier Raj M	Ayantrix Solutions	2 LPA
59.	22UIT041	Evangelin D	Ayantrix Solutions	2 LPA
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61.	22UIT111	Vasanthakumar S	SmartED	4-8LPA
62.	22UIT044	Muthu Subashini V	SmartED	4-8LPA
63.	22UIT106	Balaharish @ Yogesh N	EVVI Solutions	2 LPA
64.	22UIT098	Gayathri J	EVVI Solutions	2LPA
65.	22UIT094	Moniga P	EVVI Solutions	2 LPA

THINK !!!

Smart Movie Ticket Booking System

// Logic Includes:

// 1. Movie Category Detection
// 2. Ticket Quantity Calculation
// 3. Weekend Price Increase
// 4. Premium Seat Charges
// 5. Student Discount

```
import java.util.Scanner;

public class SmartMovieBooking {

 public static void main(String[] args) {

 Scanner sc = new Scanner(System.in);

 System.out.println("===== SMART MOVIE TICKET BOOKING =====");

 System.out.print("Enter Movie Category (Regular/3D/IMAX): ");

  String category = sc.nextLine();

  System.out.print("Enter Number of Tickets: ");

   int tickets = sc.nextInt();

   System.out.print("Is it Weekend? (true/false): ");

   boolean weekend = sc.nextBoolean();

   System.out.print("Premium Seats? (true/false): ");

    boolean premium = sc.nextBoolean();

    System.out.print("Student Booking? (true/false): ");

   boolean student = sc.nextBoolean();

   double amount = calculateBill(category,

                                 tickets,

                                 weekend,

                                 premium,

                                 student);
```

```
        System.out.println("\n===== BOOKING SUMMARY =====");
        System.out.println("Movie Category : " + category);
        System.out.println("Tickets Booked : " + tickets);
        System.out.println("Total Amount : Rs." + amount);
        sc.close();
    }
    public static double calculateBill(String category,
                                       int tickets,
                                       boolean weekend,
                                       boolean premium,
                                       boolean student) {

        double pricePerTicket = 0;
        double totalAmount;
        // Category based pricing
        switch(category.toLowerCase()) {
            case "regular":
                pricePerTicket = 150;
                break;
            case "3d":
                pricePerTicket = 250;
                break;
            case "imax":
                pricePerTicket = 400;
                break;

            default:
```

```
            System.out.println("Invalid Movie Category!");
            return 0;
        }

        // Base Cost
        totalAmount = pricePerTicket * tickets;

        // Weekend Extra Charge
        if(weekend) {
            totalAmount += totalAmount * 0.10;
        }

        // Premium Seat Charge
        if(premium) {
            totalAmount += 100;
        }
        // Student Discount
        if(student) {
            totalAmount -= totalAmount * 0.15;
        }
        // Bulk Booking Offer
        if(tickets >= 6) {
            totalAmount -= 200;
            System.out.println("Bulk Booking Discount Applied!");
        }
        return totalAmount;
    }
}
```

Sample Output

===== SMART MOVIE TICKET BOOKING =====

Enter Movie Category (Regular/3D/IMAX): IMAX
Enter Number of Tickets: 4
Is it Weekend? (true/false): true
Premium Seats? (true/false): true
Student Booking? (true/false): false

===== BOOKING SUMMARY =====
Movie Category : IMAX
Tickets Booked : 4
Total Amount : Rs.1860.0

Sample Testcase

Category	Tickets	Weekend	Premium	Student	Expected Amount
Regular	2	false	false	false	Rs.300
3D	5	true	false	true	Rs.1168.75
IMAX	4	true	true	false	Rs.1860
Regular	7	false	true	true	Bulk Discount Applied
IMAX	8	true	true	true	Student + Bulk Discount

R.KAVIYA

22UIT114

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