



**LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY
(UGC AUTONOMOUS)**

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**DEPARTMENT OF
ELECTRONICS & COMMUNICATION
ENGINEERING**

**COTERIE
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I. FOREWORD

It gives me immense joy to learn that our college has its deep roots in the field of education in the city of Hyderabad. I feel proud and privileged to be the part of this Magnificent Institution.

At this juncture, I gratefully acknowledge the yeomen service rendered by the Visionary Predecessors, dedicated teachers and ever supporting parents who have worked selflessly and tirelessly to bring this newsletter of Electronics and Communication Engineering department.



Dr. SHAIK MOHAMMAD RASOOL
HOD, ECE

I am pleased to acknowledge that our college lays its stress not just on academic excellence but also on “character formation with academic excellence”.

II. VISION

To be a Centre of excellence capable to solve society problems and produce skilled, competent, and motivated electronics & communication professionals.

III. MISSION

- DM1: Provide quality outcome based and learner centric education and nurture young
- individuals into knowledgeable, skillful professionals
- DM2: Provide world-class infrastructure and an environment that foster research,
- innovation, and incubation.
- DM3: Impart technical, leadership and interpersonal skills with collaborations
- DM4: Involve in trainings and activities grooming globally competent professionals and entrepreneurs.

Note: DM: Department Mission

IV. PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

- PEO1: Apply knowledge in emerging areas of Electronics and Communication Engineering for higher studies, employability and solve real-time problems.
- PEO2: Exhibit good communication skills, ethical conduct, sense of responsibility to serve the society and protect the environment.
- PEO3: Be a lifelong learner for a successful professional career with interpersonal skills.

1. FACULTY CONTRIBUTION

1.1 PATENT PUBLICATIONS

S.No	Authors	Title of Invention	Application Number	Publication Date	National /International
1.	Mr. Basava Dhanne, Ms. Zainab Unnisa, Mrs. Sapna Gangrade, Dr. Basavanna M, Mr. S Deepak, Mrs. Madhavuni, Sandhya Rani	"WEARABLE BIO-EMBEDDED IOT SYSTEM FOR CONTINUOUS MULTIMODAL HEALTH MONITORING WITH PREDICTIVE DIAGNOSTICS"	20264105635 3A	May 2026	National

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202641056353 A

(19) INDIA

(22) Date of filing of Application :04/05/2026

(43) Publication Date : 22/05/2026

(54) Title of the invention : Wearable Bio-Embedded IoT System for Continuous Multimodal Health Monitoring with Predictive Diagnostics

(51) International classification :A61B 5/00, A61B 5/0205, A61B 5/1455, A61B 5/01, A61B 5/145

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No Filing Date : :01/01/1900

(87) International Publication No :NA

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number Filing Date :NA

(71)Name of Applicant :
1)Mr. Basava Dhanne
 Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, Lords Institute of Engineering and Technology, Survey No. 32, Appa Junction, near Police Academy, Himayath sagar, Hyderabad, Telangana India 500091 Hyderabad Telangana India
2)Ms. Zainab Unnisa
3)Mrs. Sapna Gangrade
4)Dr. Basavanna M
5)Mr. S Deepak
6)Mrs. Madhavuni Sandhya Rani

(72)Name of Inventor :
1)Mr. Basava Dhanne
2)Ms. Zainab Unnisa
3)Mrs. Sapna Gangrade
4)Dr. Basavanna M
5)Mr. S Deepak
6)Mrs. Madhavuni Sandhya Rani

(57) Abstract :

The present invention discloses a wearable bio-embedded Internet of Things (IoT) system for continuous, real-time multimodal health monitoring with predictive diagnostics. The system integrates multiple biosensors to measure physiological parameters including heart rate, body temperature, blood oxygen saturation (SpO₂), electrocardiogram (ECG), and activity data. Sensor data is processed using an embedded microcontroller and transmitted securely to a cloud platform via wireless communication. Data fusion mechanism enhances accuracy by combining heterogeneous sensor inputs while a machine learning-based predictive analytics engine identifies anomalies and forecasts potential health risks. The system generates real-time alerts and personalized health insights for users and healthcare providers. The wearable device is designed for low power consumption, comfort, and continuous usage, with seamless integration into mobile and telemedicine platforms. This invention enables early diagnosis, remote patient monitoring, and timely medical intervention, thereby improving overall healthcare outcomes and reducing risks associated with delayed treatment.

No. of Pages : 17 No. of Claims : 1

1.2 CONFERENCE PUBLICATIONS

S.No	Authors	Title	Name Of Conference	Publication Date	National/ International
1.	Mrs.Salma Naazneen	“AN AI-DRIVEN IOT WEARABLE FRAMEWORK FOR CANCER DIAGNOSIS AND MONITORING”	International Conference on Emerging Smart Computing and Informatics (ESCI)	March 2026	International (IEEE Xplore)

2026 International Conference on Emerging Smart Computing and Informatics (ESCI)
Pune, India, Mar 11-13, 2026

An AI-Driven Iot Wearable Framework for Cancer Diagnosis and Monitoring

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Abstract - Still a serious worldwide health concern, cancer is among the main causes of morbidity and death in all kinds of populations. The efficacy of cancer treatment mostly depends on early diagnosis and efficient, ongoing observation. Particularly lung and breast cancers account for a large share of cancer-related mortality, which emphasizes the immediate necessity of creative diagnosis and monitoring techniques. This paper presents an artificial intelligence-driven, Internet of Medical Things (IoMT)-enabled wearable system meant to support personalized healthcare delivery, early cancer detection, and real-time patient monitoring.

The suggested system continually records physiological data including body temperature, skin impedance, stress indicators, and bio-electrical signals (e.g., ECG, EMG) by means of an array of wearable IoT devices comprising smart textiles and bio-sensing wearables. Advanced Machine Learning (ML) and Deep Learning (DL) algorithms implemented on edge computing platforms and cloud infrastructure process these multimodal data streams to discover abnormalities, predict risk levels, and send real-time alerts to healthcare providers. The solution enables early intervention in case of aberrant results by means of intelligent data fusion, adaptive learning models, and safe cloud-based health records.

Combining temperature-sensing clothing, circularly polarized microwave sensors, and artificial intelligence-based decision algorithms reveals in experimental validation of the proposed framework the effectiveness in enhancing diagnosis accuracy and allowing proactive health interventions. Wearable artificial intelligence technologies improve remote monitoring capabilities, help patients throughout treatment and post-treatment recovery phases, and lessen the need on regular hospital visits. Crucially in increasing long-term survivability, the system can also find trends suggesting recurrence or metastases using predictive analytics.

Emphasizing their transforming effect on cancer treatment, the paper also examines the technical development and clinical acceptance of smart healthcare instruments. Remote clinical trial administration, tele-oncology platforms, smart medication delivery systems, and patient feedback systems made possible by mobile health apps are among the applications. These tools let

data-driven judgments with better timeliness and accuracy in addition to giving patients real-time health insights. Notwithstanding their promise, the application of AI-driven wearable devices in cancer presents various difficulties including sensor calibration, data privacy and security, model generalization

over heterogeneous populations, and interaction with current Electronic Health Record (EHR) systems. Dealing with these issues calls for coordinated multidisciplinary effort among engineers, doctors, data scientists, and legislators. Future directions comprise the development of stronger and energy-efficient wearable devices, incorporation of federated learning for distributed model training, enhancement of user-centric design for enhanced compliance, and policy frameworks supporting major clinical deployment. Furthermore, combining this framework with next-generation telehealth systems could transform the management of chronic diseases by providing patients all around with scalable, reasonably priced, individualized treatment.

With important consequences for early diagnosis, ongoing monitoring, and patient-centred care, the combination of artificial intelligence, IoMT, and wearable technologies offers a paradigm change in oncology. Future studies and clinical innovations using smart health technologies to better successfully address the worldwide cancer issue are grounded in this study.

Keywords— Cancer Monitoring, Machine Learning, Deep Learning, Smart Healthcare, Internet of Medical Things, Breast Cancer, Lung Cancer, Cardiotoxicity, Wearable Sensors, Wireless Body Area Networks (WBAN), Thermo-Sensing

I. INTRODUCTION

One of the most urgent public health issues of the twenty-first century still is cancer. The world saw around

19.3 million new cancer cases and 10 million cancer-related deaths in 2020 alone, which emphasizes how urgently early detection and quick care are needed [13]. In terms of incidence and death across all cancer kinds, breast and lung tumours predominate especially in populations between high- and low-income nations [14][15]. Notwithstanding technological developments, the present dependence on conventional diagnostic tools—such as mammography, computed tomography (CT), magnetic resonance imaging (MRI), and invasive biopsies—poses constraints. Particularly in rural and resource-limited settings, these techniques are generally costly, need for advanced equipment, expose patients to radiation, and cause diagnostic delays [16][17].

Wearable sensor technologies and edge artificial intelligence computing have combined recently to drive a change towards intelligent, real-time health monitoring systems. Embedded Machine Learning (ML) and Deep Learning (DL) models

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1.3 JOURNAL PUBLICATIONS

S.No	Name of the Author	Title	Journal	Publication Date	ISSN
1.	Dr. Shaik Mohammad Rasool	INTRUDER/ANIMAL ALERT SYSTEM IN AGRICULTURE FIELD	IJESR	APRIL 2026	UGC CARE
2.	Dr. Shaik Mohammad Rasool	AQUAGUARD: IOT BASED SMART WATER CONTAMINATION ALERT	IJESR	APRIL 2026	UGC CARE
3.	Mrs. Salma Naazneen	ENHANCING CYCLIST SAFETY: REAL-TIME CYCLIST FALLEN DETECTION AND EMERGENCY NOTIFICATION SYSTEM	IJESR	APRIL 2026	UGC CARE
4.	Mrs. Sapna Gangrade	HEART ATTACK AND ALCOHOL DETECTION SENSOR MONITORING IN SMART TRANSPORTATION SYSTEM USING INTERNET OF THINGS	IJESR	APRIL 2026	UGC CARE

S.No	Name of the Author	Title	Journal	Publication Date	Indexing
5.	Mrs. Sapna Gangrade	BUS DEPARTURE INDICATION AND AUTO ANNOUNCEMENT SYSTEM IN BUS STOPS, USEFUL IN RURAL BUS STOPS	IJESR	APRIL 2026	UGC CARE
6.	Mr. Khaja Pasha	SMART WASTE MANAGEMENT SYSTEM WITH LEVEL INDICATORS FOR EFFECTIVE GARBAGE SEGREGATION	IJESR	APRIL 2026	UGC CARE
7.	Mr. Basava Danne	VISUAL INSPECTION AND CRACK DETECTION OF RAILROAD TRACKS	IJESR	APRIL 2026	UGC CARE
8.	Dr. Abdul Mateen	WAREHOUSE MANAGEMENT ROBOT (USING LINE FOLLOWING TECHNIQUE)	IJESR	APRIL 2026	UGC CARE

S.No	Name of the Author	Title	Journal	Publication Date	Indexing
9.	Mrs. Rupali Toshniwal	ADVANCED MILITARY SPYING AND BOMB DETECTION ROBOT	IJESR	APRIL 2026	UGC CARE
10.	Mrs. Sandhya Rani	SMART VOICE LIGHT CONTROLLING SYSTEM	IJESR	APRIL 2026	UGC CARE
11.	Ms. Zainab Unnisa	SECURITY SYSTEM WITH USER CHANGEABLE PASSWORD	IJESR	APRIL 2026	UGC CARE
12.	Mrs. Surindar Kour	EV BMS WITH CHARGE MONITOR AND FIRE DETECTION	IJESR	APRIL 2026	UGC CARE

1.4 FACULTY MEMBERS PURSUING DOCTORAL STUDIES

S.No	Faculty Name	Registered University	Topic	Area of research	Year of registration
1.	Salman Naazneen	Bharath Institute of Higher Education and Research (BIHER)	Low power VLSI	VLSI	Aug 2025
2.	Syeda Amena bano	Bharath Institute of Higher Education and Research (BIHER)	Low power VLSI	VLSI	Aug 2025
3.	Mrs. Sapna Gangrade	Bharath Institute of Higher Education and Research (BIHER)	Low power VLSI	VLSI	June 2026

1.5 FACULTY ACHIEVEMENTS

- Mrs. Salma Naazneen, from the Bharath Institute of Higher Education and Research, Chennai, participated in the 8th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2026) held from 11th to 13th March 2026. The event was organized by All India Shri Shivaji Memorial Society's Institute of Information Technology, Pune, and was technically co-sponsored by IEEE.
- She presented her research paper titled "An AI-Driven IoT Wearable Framework for Cancer Diagnosis and Monitoring", showcasing her contribution to advancing innovation in smart computing and informatics.



2. STUDENT PARTICIPATIONS AND ACHIEVEMENTS

- Congratulations to Mohammed Huzaifa Shareef, a 2nd-year student of Electronics and Communication Engineering Roll No: 160923735047, for winning the Gold Medal and Grand Championship at the 2nd INTERNATIONAL Karate Championship 2025, held at Rajiv Gandhi Indoor Stadium, Visakhapatnam, Andhra Pradesh, from 6th to 9th February. The event saw participation from countries including Malaysia, Nepal, and Sri Lanka, making this achievement truly remarkable.



Fig 1. Huzaifa Shareef is being presented with a Gold Medal.



Fig 2. The certificate is presented to Huzaifa Shareef in acknowledgment of his exemplary dedication and success.



Fig 3. Huzaifa Shareef standing on the Podium holding his Gold Medal

- Congratulations to Syed Shah Arham Quasim, a 3rd-year student of Electronics and Communication Engineering (Roll No: 160923735033), for emerging as the Winner at the University level Intercollege Tournament (Men). His exceptional athletic skill and competitive spirit guided the team to a spectacular victory, marking a significant milestone for our institution's sports portfolio.



Fig 1. Arham, winner of the sports tournament sharing his trophy with the Principal, HoD, and Physical Director.

3.INDUSTRIAL INTERACTIONS

3.1 INTERNSHIPS

S.No	Roll No.	Name of the Student	Domain Name
1	160920735001	Mohd Fardeen Baig	Auto Transfer Switch Using Electromagnetic Contactor And PLC
2	160920735002	Mirza Ibrahim Ali Baig	Auto Transfer Switch Using Electromagnetic Contactor And PLC
3	160920735003	Shahrukh Khan	Auto Transfer Switch Using Electromagnetic Contactor And PLC
4	160920735004	Sk Rahmath Uddin	Design Of A Protection System For A Three Phase Induction Motor Using SPPR And OLR
5	160920735005	Gandam Mohammad Taha	Industrial Automation
6	160920735006	Geda Sudhir	Voice Enabled Smart Home Automation System
7	160920735007	Musthafa Shaik Mahboob	Voice Enabled Smart Home Automation System
8	160920735008	Kumpatala Hemanth	Voice Enabled Smart Home Automation System
9	160920735009	Mohammed Rizwan Ahmed	Design Of A Protection System For A Three Phase Induction Motor Using SPPR And OLR
10	160920735010	Shaik Faisal	Auto Transfer Switch Using Electromagnetic Contactor And PLC
11	160920735011	Rahemath Baig	Design Of A Protection System For A Three Phase Induction Motor Using SPPR And OLR

12	160920735012	Geda Sudhir	Voice Enabled Smart Home Automation System
13	160920735013	Ayan Ali Khan	Auto Transfer Switch Using Electromagnetic Contactor And PLC
14	160920735014	Mohd Abubakar	Voice Enabled Smart Home Automation System
15	160920735015	Mir Mohammed Asad Ali	Voice Enabled Smart Home Automation System
16	160920735016	Abdul Muqeed	Voice Enabled Smart Home Automation System
17	160920735017	Beera Benhur	Substation Automation System With Advanced Relay Protection
18	160920735018	Syed Shujath Ali	Cellar Ventilation System Using PLC And SCADA
19	160920735019	Farhan Ahmed Siddiqui	SCADA Based Building Management System
20	160920735020	Syed Abdul Muqhit	Cellar Ventilation System Using PLC And SCADA
21	160920735021	Mohammad Yakub Pasha	Auto Transfer Switch Using Electromagnetic Contactor And PLC
22	160920735022	Rufaeda Fatima Rasheed	Auto Transfer Switch Using Electromagnetic Contactor And PLC
23	160920735023	Amaan Ahmed	Design Of Advanced Switch Gear Protection System For A Power Control Circuit Panel Using Molded Case Circuit Breaker And Shunt Trip
24	160920735024	Chabuk Savar Mohammed Azeemuddin	SCADA Based Building Management System

25	160923735025	Fasiuddin	Solar Based Smart Village Lighting System With Load Shedding
26	160923735026	Ibrahim Md	Solar Based Smart Village Lighting System With Load Shedding
27	160923735027	Md Adnan Khan	Design Of PLC and ScadaBased Control Panel
28	160923735028	Mir Faiz Ali	SCADA Based Building Management System
29	160923735029	Mohammed Abdul Qavi Muddassir	SCADA Based Building Management System
30	160923735030	Mohammed Abdus Subhan	Voice Enabled Smart Home Automation System
31	160923735031	Mohammed Mujtaba Ahmed	Substation Automation System With Advanced Relay Protection
32	160923735032	Mohammed Nouman Ullah	Voice Enabled Smart Home Automation System
33	160923735033	Mohammed Saifuddin	SCADA Based Building Management System
34	160923735034	Mohammed Shahed Hussain	Substation Automation System With Advanced Relay Protection
35	160923735035	Mohd Uzair Jaffer	Design Of Advanced Switch Gear Protection System For A Power Control Circuit Panel Using Molded Case Circuit Breaker And Shunt Trip
36	160923735036	Shahzada Salim	Solar Based Smart Village Lighting System With Load
37	160923735037	Shaik Mansoor Basha	Design Of Advanced Switch Gear Protection System For A Power Control Circuit Panel Using Molded Case Circuit Breaker And Shunt Trip

4. AICTE AND NPTEL Faculty Certification's

4.1 AICTE FACULTY CERTIFICATIONS

S.No	Name of Faculty	Course Name	Final Score	Duration
1.	D.Venkata Ravamma	AICTE QIP PG Certificate Programme in Machine Learning	NIT WARANGAL	6 months
2	Mr. Basava Dhanne	AICTE QIP PG Certificate Programme in Cyber Security	IIT DHARWAD	Elite
3.	Dr.C.Altaf	AICTE QIP PG Certificate Programme in Machine Learning	IIT RAICHUR	Elite
4.	Dr.Kamel Ali Khan Siddiqui Mohammed	AICTE QIP PG Certificate Programme in Machine Learning	IIT RAICHUR	Elite
5.	Mohammed Imaduddin	AICTE QIP PG Certificate Programme in Machine Learning	IIT RAICHUR	Elite
6.	Mr.Mohd Touseef Sumer	AICTE QIP PG Certificate Programme in Machine Learning	IIT RAICHUR	Elite
7.	Najeemulla Baig	AICTE QIP PG Certificate Programme in Machine Learning	IIT RAICHUR	6 months

4.2 NPTEL FACULTY CERTIFICATIONS

S.No	Name of Faculty	Course Name	Final Score	Certificate Type
1.	Md Touseef Sumer	Programming In Java	90 %	Elite + Gold
2.	Zainab Unnisa	Internet Of Things	77%	Elite + Silver
3.	Najeemulla Baig	Data Science for Engineers	63%	Elite
4.	Najeemulla Baig	Cybersecurity and Privacy	60%	Elite
5.	Md Touseef Sumer	Cybersecurity and Privacy	57%	Pass
6.	D. V. Harika Rao	Advance Computer Networks	53%	Pass
7.	Najeemulla Baig	Machine Learning	48%	Pass
8.	Najeemulla Baig	Systems and Usable Security	45%	Pass



NPTEL **swayam**
FREE ONLINE EDUCATION

CERTIFICATE OF APPRECIATION

is awarded to

MD TOUSEEF SUMER

LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY
HYDERABAD, TELANGANA

in recognition of his/her role as mentor for the
NPTEL Online Certification course

PROGRAMMING IN JAVA

JAN - APR 2026




PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

Members Enrolled	Members Present	Score (in %)		Certified (Score in %)			Toppers
		<40	40-59	60-74	75-89	≥90	
29	11	2	0	1	5	3	0



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)




This certificate is awarded to

ZAINAB UNNISA

for successfully completing the course

**Introduction to Industry 4.0 and Industrial
Internet of Things**

with a consolidated score of **77** %

Online Assignments	22.91/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **20896**

Jan-Apr 2026
(12 week course)


Prof. Haimanti Banerji
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL26CS38S1156202460

To verify the certificate 

No. of credits recommended: 4



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)




This certificate is awarded to

NAJEE MULLA BAIG

for successfully completing the course

Data Science for Engineers

with a consolidated score of **63** %

Online Assignments	24.58/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4636**

Jan-Mar 2025
(8 week course)


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


Prof. Vignesh Muthuvijayan
 NPTEL Coordinator
 IIT Madras



Indian Institute of Technology Madras



No. of credits recommended: 2 or 3



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
NAJEE MULLA BAIG
 for successfully completing the course
Cyber Security and Privacy

with a consolidated score of **60** %

Online Assignments	24.38/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9907**


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

Jul-Oct 2025
(12 week course)


Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS116S558204777
To verify the certificate 
No. of credits recommended: 3 or 4






MARKSHEET

Name: **Md Touseef Sumer**
 DOB: **01-08-1988**

Discipline	Year	Course Name	Marks		Total Marks (100%)	Status	Performance
			Assignment (25%)	Exam (75%)			
CS	2026	Programming In Java	25	64.5	90	Pass	Elite + Gold
CS	2025	Cyber Security and Privacy	24.38	30.31	55	Pass	-
CS	2024	Cloud Computing	24.85	38.33	63	Pass	Elite
CS	2024	Computer Architecture	22.81	33	56	Pass	-
CS	2024	Introduction To Internet Of Things	24.56	52.5	77	Pass	Elite + Silver


PROF. ANDREW THANGARAJ
NPTEL COORDINATOR
IIT MADRAS



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DORNALA VENKATRAVAMMA
for successfully completing the course

Advanced Computer Networks

with a consolidated score of **53** %

Online Assignments	22.97/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1093**

Prof. Amit Prashant
Dean, Research and Development
IIT Gandhinagar

Dr. Devendra Deshmukh,
Dean of Academic Affairs (DOAA),
Indian Institute of Technology Indore

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



IIT Indore



IIT Gandhinagar

Jan - Apr 2026
(12 week course)



Roll No: NPTEL26CS60S256201571

To verify the certificate



No. of credits recommended: 4

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS24S33533010

To
NAJEMULLA BAIG
16-2-711/A/1, AKBARBAGH, NEW MALAKPET
HYDERABAD
TELENGANA - 500036
PH. NO -9394817517



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
NAJEMULLA BAIG
for successfully completing the course

Machine Learning, ML

with a consolidated score of **48** %

Online Assignments	17.35/25	Proctored Exam	30.47/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **403**

Prof. Devendra Jalihal

Chairman
Centre for Continuing Education, IITM

Feb-Apr 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS24S33533010

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS36S13530166

To
NAJEE MULLA BAIG
16-2-711/A/1, AKBARBAGH, NEW MALAKPET
HYDERABAD
TELENGANA - 500036
PH. NO :9394817517



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
NAJEE MULLA BAIG
for successfully completing the course

Systems and Usable Security

with a consolidated score of **45** %

Online Assignments	15/25	Proctored Exam	30.26/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 138

Dr. Devendra Deshmukh,
Dean of Academic Affairs (DOAA),
Indian Institute of Technology Indore

Feb-Mar 2022
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Indore



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4.3 NPTEL CERTIFICATION OF APPRECIATION



5. FACULTY PARTICIPATION IN CONFERENCES AND FDP'S

S.No	Faculty Name	Name of the Conference
1.	Dr Kamel Ali khan Siddiqui, Mr B. Ravindranath Reddy, Mr K. Nagi Reddy, Mr Md Touseef Sumer, Mrs Sharea Takreem	International Conference on Robotics, Communication Technology, Electronics, and Electrical Engineering
2.	Dr.Kamel Mohammed Alikhan Siddiqui	Five day Faculty Development Program (FDP) on "FEDERATED LEARNING TOWARDS SMART SOLUTIONS FOR SOCIETY"







CERTIFICATE

of participation

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr.Kamel Mohammed Alikhan Siddiqui

Of Lords Institute of Engineering and Technology for participating in the five day Faculty Development Program (FDP) on "FEDERATED LEARNING TOWARDS SMART SOLUTIONS FOR SOCIETY", Conducted by the DEPARTMENT OF INFORMATION TECHNOLOGY, Velagapudi Ramakrishna Siddhartha Engineering College, in association with AICTE Margadarshan during 28/02/2022 - 04/03/2022.

Dr. M. Suneetha

Convener & Head
DEPARTMENT OF IT, VRSEC.



Dr. A. V. Ratna Prasad

Principal, VRSEC.

6. PROFESSIONAL BODY MEMBERSHIPS

6.1 FACULTY MEMBERSHIP DETAILS

S.No	Membership Type	Total Faculty Members
1.	ISTE(India Society for Technical Education)	03
2.	IEI(The Institution of Engineers India)	02
3.	IETE	01
4.	AMIEE	05

6.2 ISTE MEMBERSHIP

S.No	Name of Faculty	Membership No
1.	Dr. Shaik Mahammad Rasool	LM 120292
2.	Mrs. Salma Naazneen	LM 143628
3.	Mrs. Syeda Amena Bano	LM 143616
4.	Dr.Abdul Wasay Mudasser	LM 135442
5.	Mr. Md Khaja Pasha	LM 135443

6.3 AMIEE MEMBERSHIP

S.No	Name of Faculty	Membership No
1.	Dr. Shaik Mahammad Rasool	AMI/24/0704
2.	Mrs. Salma Naazneen	AMI/25/0777
3.	Mrs. Syeda Amena Bano	AMI/25/0767
4.	Mrs. Rupali Toshniwal	AMI/24/0705
5.	Mrs. Sapna Gangrade	AMI/25/01448

6.4 IEI MEMBERSHIP

S.No	Name of Faculty	Membership No
1.	Mr. MD Khaja Pasha	AM 3158635
2.	Mr.Abdul Wasay Mudasser	AM 3158635
3.	Shaik Qadeer	AM 096134-8

6.5 IETE MEMBERSHIP

S.No	Name of Faculty	Membership No
1.	Dr. Shaik Mahammad Rasool	M-504092

7. EVENTS

7.1 EXPERT TALK ON 5G TO 6G

The Department of Electronics and Communication Engineering, Lords Institute of Engineering and Technology (Autonomous), organized an expert talk titled “5G to 6G: Evolution of Next-Generation Wireless Communication Technologies” on 14 February 2026 at the ECE seminar hall. The session was delivered by LION Er. B. Brahma Reddy, who discussed advancements in ultra-low latency, massive IoT integration, and intelligent network architectures.

He highlighted emerging challenges and opportunities in 6G research, encouraging participants to explore future innovations. The session was informative, engaging, and highly relevant, helping students understand the present and future of wireless communication technologies.



Fig 1. The guest speaker narrating his experiences and perspectives



Fig 2. Speaker B Brahma Reddy felicitating the Faculty

7.2 TECHNICAL TALK ON ARTIFICIAL INTELLIGENCE IN MODERN ELECTRONICS SYSTEM

On February 20, 2026, the Department of Electronics and Communication Engineering at Lords Institute of Engineering and Technology (Autonomous) organized a technical talk seminar titled “Artificial Intelligence in Modern Electronics System”. Held from 10:00 AM to 12:30 PM at the ECE Seminar Hall, LIET, the session was organized to provide students with deeper insights into cutting-edge technologies shaping the industry.



Fig 1. HoD Sir addressing the Audience



Fig 2. The Guest Felicitating Mrs. Sandhya Rani

The expert session was delivered by Mr. Pavan Kumar along with the TEKS Academy team. The speakers highlighted how the synergy between AI and electronic systems has fundamentally shifted from traditional cloud-based processing to decentralized Edge Intelligence, enabling modern hardware devices to be significantly faster, more private, and highly autonomous. The talk proved to be highly informative, engaging, and directly relevant to next-generation communication architectures.

A total of 75 students from the ECE department actively participated in the seminar, gaining valuable knowledge regarding the present state and future trajectory of Artificial Intelligence in engineering applications. The department extends its gratitude to Mr. Pavan Kumar and the TEKS Academy team for sharing their technical expertise and guiding the students toward industry readiness.

7.3 SEMINAR ON NAVIGATE YOUR PATH TO STUDY ABROAD

On February 28, 2026, the Department of Electronics and Communication Engineering at Lords Institute of Engineering and Technology (Autonomous) organized a highly informative seminar titled “Navigate your path to Study Abroad”. The expert session was delivered by Mr. Omer, Manager at Global Tree Consultancy Services, who provided comprehensive guidance to students aspiring to pursue international higher education. A total of 80 students from the department actively participated in the event, gaining vital insights and real-world exposure to map out their global educational journeys.



Fig 1. The Guest Speaker addressing the Audience



Fig 2. Students listening to the session

During the seminar, the resource person elaborated on critical aspects of the overseas education process, including strategic university selection, application procedures, visa documentation requirements, and financial planning. Attendees were updated on emerging global education trends, the significance of standardized tests like IELTS and GRE, and diverse post-study career opportunities. Additionally, the session offered practical advice on navigating application timelines, drafting effective Statements of Purpose (SOPs), and securing strong letters of recommendation, concluding with an interactive Q&A session where individual student queries were expertly addressed.

7.4 SEMINAR ON GLOBAL ACADEMIC PATHWAY AND CAREER DEVELOPMENT

On March 7, 2026, the Department of Electronics and Communication Engineering at Lords Institute of Engineering and Technology (Autonomous) organized a seminar titled “Global Academic Pathway and Career Development”. Held at the ECE Seminar Hall, LIET, the event was tailored to give students a comprehensive blueprint for their future academic and professional endeavors. The expert session was delivered by Mr. Sunil Bhattad, Director of Bajaj Study Abroad Education LLP, Hyderabad, who shared invaluable insights into navigating international academic landscapes.



Fig 1. The Guest Speaker addressing the Audience



Fig 2. Students listening to the session

During the presentation, the resource person shed light on the rapidly changing trends in global higher education and the strategic career pathways available to engineering graduates. The seminar proved to be highly informative, interactive, and crucial for students mapping out their post-graduation plans, offering them a clear understanding of university selection, admission prerequisites, and global career opportunities. A total of 70 students from the ECE department actively attended the session, gaining essential perspective on emerging global education trends and career readiness.

7.5 PARENT TEACHER MEETING 2026

On May 2, 2026 (Saturday), the Parents-Teachers Meeting-II at Lords Institute of Engineering and Technology was successfully conducted on 2nd May 2026 at the First Year Block, LIET (A) Campus. The event witnessed active participation from parents and faculty, fostering meaningful discussions on students' academic performance, attendance, and overall development. Faculty members shared insights, while parents provided valuable feedback, strengthening collaboration.

The interactive sessions helped address concerns and encouraged a supportive learning environment. The institution appreciates the presence and cooperation of all parents, making the event productive and impactful for enhancing student growth and academic excellence.



Fig 1. Faculty members providing progress report cards



Fig 2. Faculty members speaking about their ward's performance



Fig 3. Faculty members interacting with parents



Fig 4. Parents signing the Feedback Form

7.6 SANKETIKA 2K26 – ELECTROVIBE

From April 8 to 10, 2026, the Department of Electronics and Communication Engineering (ECE) at Lords Institute of Engineering and Technology (Autonomous), in sponsorship with Axis Technology, successfully organized its grand National Level Technical Fest, SANKETIKA 2K26 – ELECTROVIBE. The three-day fest featured a dynamic blend of technical and non-technical competitions designed to challenge student ingenuity and foster core engineering skills. The mega event witnessed an overwhelming response with a total of 164 student registrations across various events.

The fest commenced on April 8 with a specialized Workshop on VLSI Spark conducted in collaboration with ANIONS. The session was led by Ms. Rohini, RTL Designer at EDIC Semicon Technology Pvt. Ltd., where over 85 students received comprehensive insights and valuable hands-on experience through real time code simulation. Concurrently, a high-intensity Technical Quiz drew 22 participants (11 teams) who battled through rigorous Questioning, Rapid Fire, and Buzzer rounds.



Fig 1. The Rules Being Explained to the audience



Fig 2. Students Interacting in the event

On April 9, the focus shifted to hardware diagnostic skills with Circuitrix, an event centered around complex circuit fault analysis that pulled 44 registrations and 15 finalists. The fest concluded on April 10 with a creative Short Film Making Competition that received 13 unique cinematic entries, narrowing down to 3 shortlisted teams for final judgment based on strict creative and technical evaluation criteria.

7.7 SANKETIKA 2K26 WINNERS & ACHIEVERS

1. Technical Quiz

First Place: Team HIVE
— Lords Institute of Engineering
and Technology (LIET, CSE) |
Awarded Trophy and Certificate

Second Place: Team SIET — Sri
Indu College of Engineering |
Awarded Trophy and
Certificate

2. Circuitrix (Circuit Fault Analysis)

First Prize: Mohammed Zainuddin
— Lords Institute of Engineering
and Technology (LIET) | Awarded
Trophy and Certificate

Second Prize: Mohammed
Abdul Hai — Lords Institute of
Engineering and Technology
(LIET) | Awarded Trophy and
Certificate



Fig 3. The Winners of each Competition's

8. PLACEMENTS

S.NO	ROLL NO	NAME	COMPANY	PACKAGE
1.	160922735301	Md Ashraf	Launched	7LPA
2.	160922735312	Ishrath Humera	Launched	7LPA
3.	160922735009	Md Khaja Junaid Uddin	Launched	7LPA
4.	160922735309	Syed Sameer	Technext Engineering & Telecom Pvt. Ltd	3 LPA
5.	160922735045	Sufiyan Bader	Dexterity Edtech Pvt Ltd	6 LPA
6.	160922735055	Nitesh Prashad	Dexterity Edtech Pvt Ltd	6 LPA
7.	160922735305	Madiha Sultana	Dexterity Edtech Pvt Ltd	6 LPA
8.	160922735021	Md Faisal Irfan	Dexterity Edtech Pvt Ltd	6 LPA
9.	160922735002	Shaik Abu Sayeed	Dexterity Edtech Pvt Ltd	6 LPA

S.NO	ROLL NO	NAME	COMPANY	PACKAGE
10.	160922735043	Mohammed Abdul Haq Siddiqui	Dexterity Edtech Pvt Ltd	6 LPA
11.	160922735070	G Rasic Sai	Zenus	6 LPA
12.	160922735057	G Bharath	Zenus	6 LPA
13.	160922735007	Gaddam Kavya Sri	Zenus	6 LPA
14.	160922735312	Mohammad Ibrahim Zain	The Coding Company	4.2-6 LPA
15.	160922735012	Mohd Abdul Furkhan	LearnFlue	4-8 LPA
16.	160922735006	Syed Sabeel	Accenture	5.05 LPA
17.	160922735307	Mohammed Asma	Stevenson Staffing LLC	3 LPA
18.	160922735001	A Sai Krishna	High Technext Engineering & Telecom Pvt. Ltd	3 LPA
19.	160922735062	A Jagadish Chandra	TransEnergy	3 LPA
20.	160922735022	N Praveen	TransEnergy	3 LPA

S.NO	ROLL NO	NAME	COMPANY	PACKAGE
21.	160922735039	Chandra Shekar	Transenergy	3 LPA
22.	160922735007	P Muralikrishna	High Technext Engineering & Telecom Pvt. Ltd	6 LPA
23.	160922735019	L Madhu	Transenergy	6 LPA
24.	160920735032	Mohammed Numan Ulla	High Technext Engineering & Telecom Pvt. Ltd	4.2-6 LPA
25.	160922735310	Md Isthiak	Transenergy	5.05 LPA
26.	160922735066	G Manish Kumar	Transenergy	4-8 LPA
27.	160922735029	Dhanavath Sravan Kumar	High Technext Engineering & Telecom Pvt. Ltd	3 LPA
28.	160922735020	Mirza Saifullah Baig	High Technext Engineering & Telecom Pvt. Ltd	6 LPA
29.	160922735302	Mohammed Habeebuddin	High Technext Engineering & Telecom Pvt. Ltd	4-8 LPA

S.NO	ROLL NO	NAME	COMPANY	PACKAGE
30.	160922735308	Shaik Sohail	TVS	2.4 LPA
31.	160922735005	Mahima Tennyson	TATA Electronics	2.4 LPA
32.	160922735016	Muskaan	TATA Electronics	2.4 LPA
33.	160922735015	Khansa Noorin	TATA Electronics	2.4 LPA
34.	160922735024	Gopala Sai Krishna	High Technext Engineering & Telecom Pvt. Ltd	3 LPA
35.	160922735051	Ruhail Awais Khan	High Technext Engineering & Telecom Pvt. Ltd	3 LPA



LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PLACEMENTS 2025-2026

 Nitesh Prashad 8 LPA 	 Mohd Abdul Furkhan 8 LPA 	 Mohammed Khaja Junaid Uddin 7 LPA 	 Md Ashraf 7 LPA 	 Ishrath Humera 7 LPA 	 Syed Sameer 6 LPA 	 Madiha Sultana 6 LPA 
 Md Faisal Irfan 6 LPA 	 Shaik Abu Sayeed 6 LPA 	 Mohammed Abdul Haq Siddiqui 6 LPA 	 Sufiyan Bader 6 LPA 	 Gaddam Kavya Sri 6 LPA 	 G Rasic Sai 6 LPA 	 G Bharath 6 LPA 
 Mohd Ibrahim Zain 6 LPA 	 Syed Sabeel 5.05 LPA 	 Mohammed Asma 3 LPA 	 A Jagadish Chandra 3 LPA 	 Aavula Saikrishna 3 LPA 	 Chandra Shekar 3 LPA 	 N Praveen 3 LPA 
 Poojarimurali krishna 3 LPA 	 Lakkam Madhu 3 LPA 	 Mohammed Nomanullah 3 LPA 	 Md Isthiak 3 LPA 	 G Manish Kumar 3 LPA 	 Dhanavath Srvan Kumar 3 LPA 	 Mirza Saifullah Baig 3 LPA 
 Mohd Habeeb Uddin 3 LPA 	 Gopala Sai Krishna 3 LPA 	 Ruhail Awais Khan 3 LPA 	 Khansa Noorin 2.4 LPA 	 Shaik Sohail 2.4 LPA 	 Mahima Tennyson 2.4 LPA 	 Muskaan 2.4 LPA 

9. ALUMNI

S.NO	Name of Alumni	Batch	Organisation	Designation
1	B.Pooja	2021	Cognizant Technology	Associate
2	B. Somya	2021	Tech Mahindra	Network Engineer
3	Mohd Zeeshan	2020	Hmwssb	Front End Developer
4	Mohd Shaji	2020	Amazon	Program Manager
5	Taha	2020	Deloitte	Solution Architect
6	Ahzam Zobairi	2020	Ericsson	Software Designer
7	Gulshan Khan	2020	WMS Pvt. Ltd.	Software Tester
8	Kothanpally Ajay Kumar	2019	Zensar Technologies	Sr. System Engineer
9	Sushil Vishwakarma	2018	Jayeesha S/W Pvt Limited	Qa Engineer
10	Jawwad Patel	2017	Head of Innovation	Spark Minda-Minda Corporation Ltd.
11	Shahinur Islam Ahmed	2017	Genpact	Process Associate
12	Shaik Nadeem	2017	Mn Solutions	MD
13	K.Aparna	2015	Delloite	Team Lead
14	Krishna Kartik Nadella	2009	State Bank Of India	Senior Associate
15	Kiran Kumar Reddy	2009	Value Momentum	Manager

Thank
you!