









FDP & NPTEL ATTENDED BY FACULTY MEMBERS

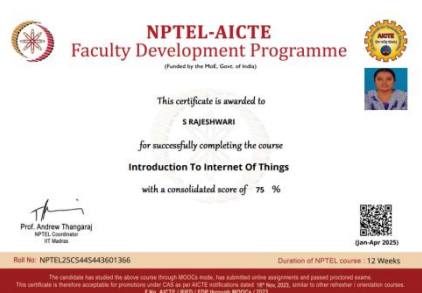

Name of the Faculty	Topic	Date	Organiser	Certificate
Mr. Marimuthu-AP/CS&BS	Faculty Development Program and Workshop on Deep Learning Techniques for Text and Image Data	03-06-2024 to 07-06-2024	Department of CSE, IIIT Kottayam, Kerala	
Mrs. S. Rajeshwari-AP/CS&BS	Faculty Development Program – “Quantum Computing”	23-09-2024 to 28-09-2024	Park College of Engineering and Technology	
Dr. M. Malini, ASP & HoD/CS&BS	NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC)	21.11.24 to 29.11.24	Coimbatore Institute of Technology (CIT)	

Mrs. S. Rajeshwari, AP/CS&BS	NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC)	21.11.24 to 29.11.24	Coimbatore Institute of Technology (CIT)	
Dr. M. Malini, ASP&HoD/CS &BS	National Level short term training programme 2k24 on “Java Full Stack with DS and AI”	02.12.2024 to 22.12.24	SRM Institute of Science and Technology, Kattankulathur	
Mrs. S. Rajeshwari-AP/CS&BS	National Level short term training programme 2k24 on “Java Full Stack with DS and AI”	02.12.2024 to 22.12.24	SRM Institute of Science and Technology, Kattankulathur	
Dr. M. Malini, ASP&HoD	Faculty Development Program – “Microsoft Azure AI Engineer”	02-12-2024 to 06-12-2024	Karunya Institute of Technology and Science	
Dr. M. Malini, ASP/HoD	Elite NPTEL Online Certification “Course “Accreditation and Outcome-Based Learning”	Aug – Oct, 2024	NPTEL	

Dr. M. Malini, ASP/HoD	Elite NPTEL Online Certification “Course “Programmin g in Java”	July – Oct, 2024	NPTEL	
Mr. S. Balaji, AP (Sl.Gr)/CS&B S	Elite NPTEL Online Certification “Course— “Programmin g in Java”	July – Oct, 2024	NPTEL	
Mr. S. Balaji, AP (Sl.Gr)/CS&B S	Elite NPTEL Online Certification “Course— “Introduction to Internet of Things”	July – Oct, 2024	NPTEL	
Mr. S. Balaji, AP (Sl.Gr)/CS&B S	Course on AI for All: From Basics to GenAI Practice	Jan - 2025	NVIDIA Academy	
Mrs. S. Rajeshwari, AP/CS&BS	One day online FDP on “Data Science Using Python”	15.02.2025	Department of CSE, R.P Sarathy Institute of Technology, Salem	

Mrs. S. Rajeshwari, AP/CS&BS	ATAL FDP on “Supercomputing (High Performance Computing, AI, Quantum Computing)”	17.02.2025 to 22.02.2025	Amrita Vishwa Vidyapeetham, Coimbatore	
Dr. M. Malini, ASP/HoD (CS&BS)	Elite NPTEL Online Certification Course “Introduction to Machine Learning”	Jan – Mar, 2025	NPTEL	
Mr. S. Balaji, AP(Sl.Gr)/CS &BS	Certificate course on “Using AI in Research Projects”	05.04.2025	LinkedIn Learning	
Mr. S. Balaji, AP(Sl.Gr)/CS &BS	Certificate course on “How to Research and Write Using Generative AI Tools”	07.04.2025	LinkedIn Learning	
Mr. S. Balaji, AP(Sl.Gr)/CS &BS	Online FDP on “Empowering Innovation: Mastering Machine Learning, Deep Learning and Generative AI”	21.04.2025 to 25.04.2025	Department of CSE(AI & AIML), Vishwakarma Institute of Technology, Pune	

Mr. S. Balaji, AP(Sl.Gr)/CS &BS	Certificate course on “Applied AI for IT Operations (AIOps)”	24.04.2025	LinkedIn Learning	
Mrs. S. Rajeshwari, AP / CS&BS	Introduction to Internet of Things	Jan – Apr, 2025	NPTEL	
Mr. S. Balaji / AP (Sl.Gr)	Introduction to Database Systems	Jan – Apr, 2025	NPTEL	
Mr. S. Balaji / AP (Sl.Gr)	Programming in Modern C++	Jan – Apr, 2025	NPTEL	
Dr. M. Malini, ASP/HoD (CS&BS)	Cloud Computing	January to April 2025	NPTEL	

Mrs. S. Rajeshwari, AP / CS&BS	FDP course on “Introduction to Internet of Things”	Jan-April 2025	NPTEL- AICTE	
Mr. S. Balaji / AP (Sl.Gr)	R-Talks – A Premier HR Conclave (Raise Talent Acquisition Leaders Knowledge Summit)	15.03.2025	Rathinam Techzone Campus	

JOURNAL PAPER PUBLISHED:

Title of paper	Name of the author/s	Departm ent of the teacher	Name of journal	Year of public ation	ISSN numbe r	Link to the recognition in UGC enlistment of the Journal
Adaptive Edge-Guided Segmentation with Biftransnet for Gastrointestinal Tract Image Segmentation	Dr. M. Malini, ASP&HoD	CS &BS	Indian Journal of Science and Technology	2024	ISSN Print: 0974- 6846 Electro nic: 0974- 5645	Dhivya et al. / Indian Journal of Science and Technology 2024;17(43): 4524–4535
A Multiclass Attack Classification Framework for IoT Using Hybrid Deep Learning Model	Mr. S. Balaji	CS &BS	Journal of Cyber security and Information Management (JCIM)		Vol. 15, No. 01, PP. 151- 165, 2025	
Advanced Signal Processing for IoT Device Communication In Smart Homes	Dr. M. Malini, ASP&HoD	CS&BS	International Conference on Automation and Computation (AUTOCOM)			

PATENT OWNED BY THE FACULTY:



S. No	Year	Title of the Patent	Application Number	Name of the Applicant	Date of Publication	Status
1.	2024	IOT Enabled Road Surface Monitoring system with machine Learning -Based Pothole Detection	202441059170 A	Dr. M. Malini, ASP&HoD	09.08.2024	Published
2.	2025	Estimation of energy and water consumption of washing machine using Artificial Intelligence	202541037900 A	Mrs.S.Rajeshwari	16.05.2025	

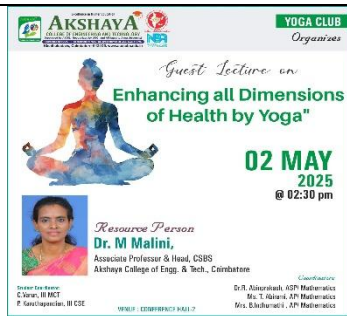

BOOKS AND CHAPTERS IN CONFERENCE PROCEEDING:

S.No	Name of the Faculty	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/IS SN number of the proceeding	Name of the publisher
1.	Mr Balaji.S	DEEP NEURAL NETWORK OPTIMIZATION FOR AUDIO AND IMAGE ANALYSIS	-	International Symposium on Contemporary Challenge Intelligence Computation of Materials Science and Energy Engineering (ICMSEE' 25), Organized Debre Tabor University, Ethiopi.	International	2025	-	-

	Mrs.S. Rajeshwari	AI-POWERED THREAT DETECTION SYSTEMS IN CYBERSECURITY	-	International Symposium on Contemporary Challenge Intelligence Computation of Materials Science and Energy Engineering (ICMSEE' 25), Organized Debre Tabor University, Ethiopi.	International	2025	-	-
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Awards and Recognition

S. No	Name of the faculty	Dept	Type of Award	Date	Organizer	Certificate
1.	Mr. S. Balaji, AP (Sl.Gr)/ CS&BS	CS&BS	Resource Person for Awareness Program on “High Performance Computing”	27.09.2024	AICTE-SANKALP	
2.	Mr. S. Balaji, AP (Sl.Gr)/ CS&BS	CS&BS	Resource person for “Hands on Training on Python Programming”	02.01.2025	Department of Mathematics at SRI G.V.G VIJALAKSHI COLLEGE FOR WOMEN, Udumalpet	

3.	Dr.M. Malini	CS&BS	Resource Person for “Enhancing all Dimensions of Health by Yoga”	02.05.2025	YOGA CLUB at Akshaya College of Engineering and Technology, Coimbatore.	
4.	Dr. M. Malini, ASP&HoD	CS&BS	Best Project Award for the Project title “Hall Seating Arrangement”	15.05.2025	ACET	

ACCOLADES WON BY STUDENTS:

Sl. No	Name of the Participant	Title of the Program (Paper presentation/ Seminar/ Workshop/ Other technical event/ Conference/ Project contest)	Name of the Organizer/ Resource Person	Prize Won	Duration & Period
1.	Gowrisankar. R of III CS&BS	Rotaract Board Members Meeting	District Rotaract Organization	Participated	10.09.2024
2.	Dharanish A. M, Kiruthickrosan. M, Praneethkumar. P, Vidyasagar Pathak of II CS&BS	3D Indoor Navigation	Tech Day - ACET	Best Concept Award	15.11.2024 & 18.11.2024
3.	Manikkam V, Mohammed Irfaan M, Rishu C S of III CS &BS	Speech to Sign Language converter	Tech Day - ACET	Best Concept Award	4.11.2024 8.11.2024
4.	Ganga Prakashini. N & Kiruba Angel. A of II CS&BS	The Diwali Festive Feast	Fine Arts Club Organizes, Akshaya College of Engineering and Technology	III-Prize	29.10.2024
5.	Gogulavanan M of III-CS&BS	ACET Athletes Shine	Anna University Zone 10 Athletic Meet at Hindusthan College, Malumichampatti, Coimbatore	Participated	21.11.2024



6.	Karthikeya S and Kishan S of III-CS&BS	ACET Cricket Team Premier League	Inter College Cricket Tournament 2024 at SNMV College, Malumichampatti, Coimbatore	Participated	23.11.2024
7.	Nadhiya R of III CS&BS	Akshaya Vidhya Scholarship	Women Empowerment Cell, ACET	Scholarship amount of Rs 20,000	09.03.2025
8.	A. Indhu of II CS&BS	Paper presentation at National Level Technical Symposium	Nehru Institute of Engineering and Technology, Coimbatore	Participated and secured the Third prize with Rs.1000	20.03.2025
9.	Karthikeyan S, Nadhiya R, Durga Devi D, Selvam Yuvaraj of III CS&BS	R-Talks – A Premier HR Conclave (Raise Talent Acquisition Leaders Knowledge Summit)	Rathinam Techzone Campus, Coimbatore	Participated	15.03.2025
10.	Athishkumar S, Dharanish A M, Dharshini Priya S, Gangaprakashini V, Indhu A, Shobana V, Kiruba Angel A, Prathiyuksha R, Kiruthickrosan M & Praneethkumar P of II CS&BS	R-Talks – A Premier HR Conclave (Raise Talent Acquisition Leaders Knowledge Summit)	Rathinam Techzone Campus, Coimbatore	Participated	15.03.2025
11.	Karthikeyan S, Nadhiya R, Durga Devi D, Selvam Yuvaraj, Gokulavanam M, Gude Varshita, Kampamalla Varshitha, Pippalla Varunrishi of III CS&BS	Paper Presentation, Treasure Hunt, IPL Auction and Photography	Nehru Institute of Engineering and Technology, Coimbatore	Participated	21.03.2025
12.	Kiruthickrosan M, Dharshini Priya S, Vidyasagar Pathak of II CS&BS	Paper Presentation	JCT College of Engineering and Technology, Coimbatore	Participated	22.03.2025
13.	Pentala Harshavardhan, Sanjai D, Saravanan V of III CS&BS	Paper Presentation	JCT College of Engineering and Technology, Coimbatore	Participated	22.03.2025
14.	Shobana V, Prathiyuksha R,	Hackathon	Sree Saraswathi Thyagaraja	Participated	26.03.2025



	Syed Sha Mohamed Jafar S, Divagar S of II CS&BS		College, Pollachi		
15.	Karthikeyan S, Nadhiya R, Durga Devi D & Selvam Yuvaraj of III CS&BS	HACKXELERATE- 2025	KPR Institute Of Engineering and Technology, Coimbatore	Participated	24.04.2025 and 25.02.2025
16.	Divagar S, Kiruthickrosan M, Nandhakumar N & Syed Sha Mohamed Jafar S of II CS&BS	HACKXELERATE- 2025	KPR Institute Of Engineering and Technology, Coimbatore	Participated	24.04.2025 and 25.02.2025
17.	Pentala Harshavardhan of III-CS&BS	HACKATHON (48- Hour Non-Stop Hackathon)	Training and Placement Cell- ACET	Won First Place	06.05.2025 & 07.05.2025
18.	Shobana V, Vidyasagar Pathak, Athishkumar S, Gangaprakashini V, Gunasekar N of II CS&BS	Oracle Data Platform-2025	Oracle Certified Foundations Associate- Certificate of Recognition	Certified	25.04.2025
19.	Madhumitha R, Prathiyuksha R, Dharanish A M, Kiruba Angel A, Madineni Yathendra Kumar of II CS&BS	Oracle Data Platform-2025	Oracle Certified Foundations Associate- Certificate of Recognition	Certified	25.04.2025
20.	Madanapalli Narasimha, Prithiviraj C, Praneethkumar P, Arul M, Prem Amarnarayana of II CS&BS	Oracle Data Platform-2025	Oracle Certified Foundations Associate- Certificate of Recognition	Certified	25.04.2025
21.	Chitralla Abhisheik, Nandhakumar N, Burra Yuvaraju of II CS&BS	Oracle Data Platform-2025	Oracle Certified Foundations Associate- Certificate of Recognition	Certified	25.04.2025
22.	Dharshinipriya S of II-CS&BS	KHO-KHO (DOUBLES)	Department of Physical Education, ACET	Won First Place	13.05.2025
23.	Indhu. A of II CS&BS	TENNIKOIT (DOUBLES)	Department of Physical Education, ACET	Won First Place	06.05.2025



24.	Ganga Prakashini V of II CS&BS	TENNIKOIT (DOUBLES)	Department of Physical Education, ACET	Won Second Place	06.05.2025
25.	Ganga Prakashini V of II CS&BS	KHO-KHO (DOUBLES)	Department of Physical Education, ACET	Won Second Place	13.05.2025
26.	Roshan Kumar P of III CS&BS	Minicode - Coding	Coding Club, ACET	Won Second Place	14.05.2025
27.	Dharanish A M, Kiruthickrosan M, PraneethKumar P & Vidyasagar Pathak of II CS&BS	Hall Seating Arrangement	Project Contest, Demo Day`25, ACET	Best Project Award	15.05.2025