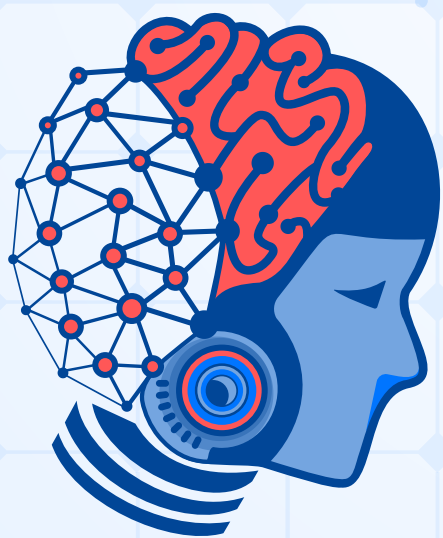
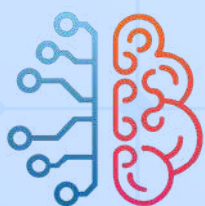


DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

AI Chronicles NEWSLETTER



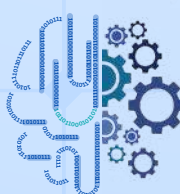
NOVEMBER 2025 - APRIL 2026



Department of Artificial Intelligence and Data Science



Computational Intelligence Club



ASSOCIATION OF
ARTIFICIAL
INTELLIGENCE
AND DATA SCIENCE



TinkerHub
MITS

VISION

To be a center of excellence in learning, research and technology development in the field of Artificial Intelligence and Data science with a strong sense of social responsibility.

MISSION

- To facilitate state-of-the-art teaching and learning to meet the expectations of the stakeholders.
- To empower students towards technology development & transfer, to solve socially relevant problems.
- To promote collaborative research through long term interaction with industry and R&D institutions

PROGRAM SPECIFIC OUTCOME OF CSE(AI)

- PSO1: Implement AI models and strategies for real world problems to meet the challenges of future.
- PSO2: Develop computational models for system automation.



PROGRAM SPECIFIC OUTCOME OF AI & DS

- PSO1: Interpret and visualize high dimensional data for decision making systems.
- PSO2: Develop computational models for system automation.

PROGRAM EDUCATIONAL OBJECTIVES

Our graduates will

- PEO1: Create sustainable AI models.
- PEO2: Implement AI responsibly in research and development and technology transfer.
- PEO3: Deliver AI solutions for entrepreneurial activities leading to employment generation.



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ASSOCIATION OF
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AND DATA SCIENCE



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Pre-Summit Event: India AI Impact Summit 2026

The Department of Artificial Intelligence & Data Science hosted a Pre-Summit Event for the India AI Impact Summit 2026 on 4th February 2026. Organized under the guidance of the Ministry of Education, MoE's Innovation Cell, and the Institution's Innovation Council (IIC), the event focused on the central theme "AI for Common Good," encouraging impactful technological solutions and ethical AI deployment for societal challenges.



Venue: MITS Campus
Mode: Offline
Date: 4th February 2026



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Department FDP

The Department of Artificial Intelligence & Data Science successfully organized a 5-day Faculty Development Program (FDP) on "Agentic AI". The program drew 108 faculty participants, delivering in-depth insights into autonomous AI agents, multi-agent frameworks, and advanced agentic architectures for research and academic integration.

SCHEDULE	
	Day 1 : (05/02/2026- Thursday) Foundations of Agentic AI Dr Manu Madhavan Assistant Professor , IIT Kottayam
	Day 2 : (06/02/2026 - Friday) Programming Frameworks for Agentic System S Mohammed Shafeeq Hameed Senior Software Engineer, QBurst
	Day 3 : (07/02/2026 - Saturday) Agentic Workflow Orchestration Pradeep T Senior Data Scientist, IBM
	Day 4 : (09/02/2026 - Monday) Cognitive Models in Agentic AI Dr Jimson Mathew Dean Student Affairs & Professor, Dept. of CSE, IIT Patna
	Day 5 : (10/02/2026 - Tuesday) Multi-Agent Systems and Agentic RAG Dr Shailesh Sivan Principal AI Architect, Laennec AI Ltd

Venue: MITS Campus

Mode: Offline

Date: 5 - 10th February 2026



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MATLAB for Machine Learning

– Concepts to Application

The Department of Artificial Intelligence & Data Science conducted a hands-on workshop titled "MATLAB for Machine Learning - Concepts to Application". The session provided participants with interactive training on implementing machine learning algorithms, data preprocessing, feature engineering, and model evaluation using MATLAB toolboxes for engineering data analysis.



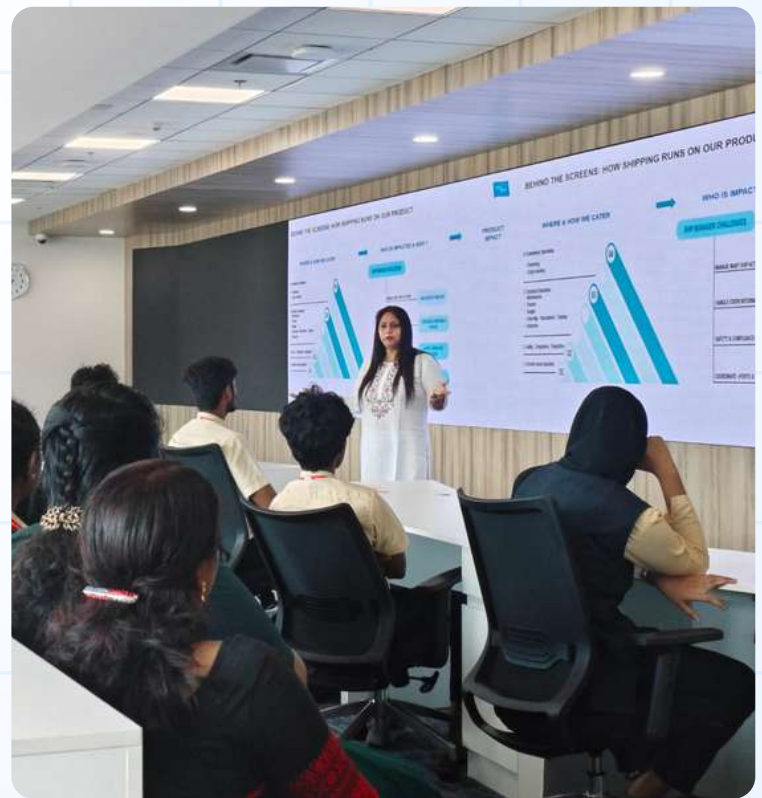
Venue: MITS Campus
Mode: Offline
Date: 16th January 2026



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Industrial Visit to MariApps Marine Solutions

The Department of Artificial Intelligence & Data Science organized an Industrial Visit for 70 students of the CSE(AI) 2024-2028 batch, accompanied by two faculty members, to MariApps Marine Solutions Pvt Ltd, Kochi. The visit aimed to foster industry-academia interaction, providing students with practical exposure to software development workflows, enterprise digital solutions, and software engineering practices in the maritime domain.



Venue: MariApps Marine Solutions Pvt Ltd, Kochi
Mode: Offline
Date: 30th January 2026



SYNERGIA – AI Hackathon

The Department of Artificial Intelligence & Data Science organized SYNERGIA - AI Hackathon specifically designed for S4 CSE(AI) students. Conducted in collaboration with senior student mentors, the event saw 15 teams comprising 58 students work on innovative AI solutions, supported by 7 senior student mentors who guided participants through technical implementation and ideation.



Venue: MITS Campus

Mode: Offline

Date: 27th & 28th February 2026



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ROBOAID 2026 – Robotics Project Expo

The Department of Artificial Intelligence & Data Science organized ROBOAID 2026, a Robotics Project Expo. The expo provided a live platform for students to demonstrate innovative robotic systems, intelligent automation models, embedded AI applications, and real-time hardware-software integrations to faculty, peers, and technical evaluators.



Venue: MITS Campus

Mode: Offline

Date: 1st April 2026



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Student Achievements

1. **Bisni K. B.** (S5 CSE(AI)), **Ann Mary Chacko** (S5 CSE(AI)) and **Jenna Sara Babu** (S7 CSE(AI)) secured placement offers through their outstanding performance in the Innovate Travel AI Hackathon organized by ICT Academy of Kerala in association with Royal Caribbean Group.



2. **Bisni K. B.** (S5 CSE(AI)) secured the prestigious Kalathilakam title at VARNAM 2026.
3. **Justin Abraham Thomas** (S4 AI&DS) secured 1st place among 100 participants individually and 1st place among 35 teams at the Thrissur PALS / Thinkathon 3-day workshop organized by IIT Madras and VAST.
4. **Simna Shajahan** of AI & DS has been selected as the Volunteer Secretary of the National Service Scheme (NSS) Cell, Unit No. 264.



5. **Hegan Anna Bob** (S6 AI&DS) completed multiple professional certifications including IBM Watson Studio, IBM NLP & Computer Vision, IBM Machine Learning & Deep Learning, Edunet AI, IBM AI Fundamentals Certificate & Badge, IBM AI & ML Virtual Internship, and IBM AI Ethics.
6. **Diya Sankar O. M.** (S4 AI&DS) ranked in the Top 6 in college and overall Top 200 in the ThinkHer Hack hackathon, completed IBM's Python 101 for Data Science course, completed the AI/ML using Python course (5.5 credits) by NPTEL Swayam Plus (IIT Madras), and submitted a project idea for Bharatiya Antariksh Hackathon.
7. **J. S. Arathy, Malavika Vijayan P., and Anusree C. V.** (S4 AI&DS) submitted project ideas for Bharatiya Antariksh Hackathon (with **Anusree C. V.** advancing as a finalist in Yathra 24).
8. **Keerthana Dhanish** (S8AI&DS) and **Nandu Rajesh** (S8CSE(AI)) have a perfect secured 10 cgpa in their S7 results.
9. **Mahathi Nagesh** (S6AI&DS) has received 10 cgpa in her S5 results.
10. **Rose Sara Mathew** of S4 CSE(AI) has been selected as the District International Chair (IDYE) of the newly formed Rotaract District Council 3205.



11. **Gouri Nanda K. G.** (S2 CSE(AI)) won First Prize in the Gen AI Hackathon organized by the International Cultural Relations Club, MITS, and was selected as the Campus Lead for TinkerHub.

12. **Pranav Anish** (S4 CSE(AI)) and **Aron Thomas Philip** (S6 CSE(AI)) secured 1st prize in IGNIZ Techno Cultural Fest organized by SCMS and 3rd prize in Carnatic Music at RAAGAM hosted by NIT Calicut.



13. **Sheherba Siyab** (S5 CSE(AI)) was selected for the NPTEL Summer Internship Program 2026 at IIT Ropar under the mentorship of Prof. Sudarshan Iyengar.

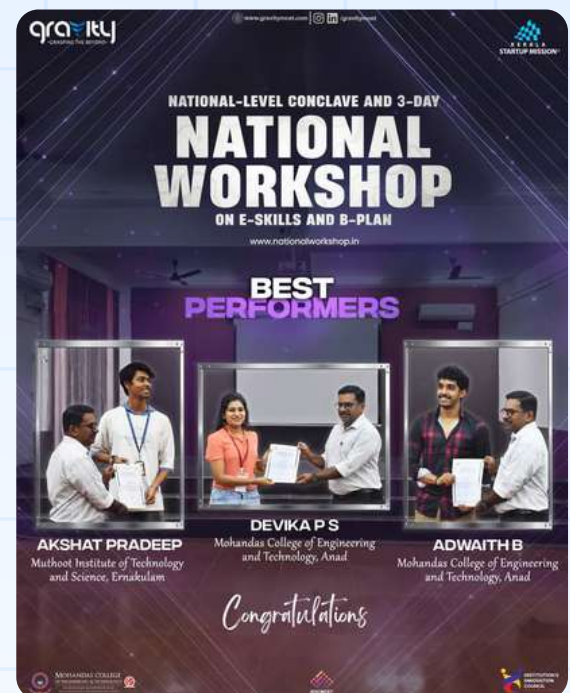


14. **Mahathi Nagesh** (S6 AI&DS) was awarded the Best Mentee Award by IEEE IAYPC.



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15. **Akshat Pradeep** (S6 AI&DS) was the Best Performer in the National-Level Conclave & 3-Day National Workshop on E-Skills and B-Plan on December 2025.



16. **Arjun S. Nair** received a fully sponsored invitation from IEEE RAS to attend ICRA 2026 in recognition of his outstanding contributions to IEEE.



17. **Alka Maria** (S4 AI&DS) secured Runner Up position in the KTU Inter Zone Badminton Championship 2025-26.



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18. **Deon Shaji** (S4 CSE(AI)) represented the institution in the South Zone Inter University Cricket Championship.
19. **Joseph Benny** (S6 AI&DS) and **Abhiram Pradeep** (S4 AI&DS) secured Runner Up position in the KTU Inter Zone Basketball (M) Championship 2025-26.
20. **Abhijith B.** (S4 CSE(AI)) represented the institution in the South Zone Inter University Basketball Championship.



21. **Treasa George** (S6, AI&DS) won 1st prize in the 17th South Zone Netball Championship and 3rd prize in the 1st South Zone Mixed Netball Championship
22. **Akshara Gopan** (S6, AI&DS) represented KTU in the All India Inter University Women's Netball Championship, held in Andhra Pradesh, under the captaincy of Treasa George (S6, AI&DS).
23. **B. Ghanashyam** (S4 AI&DS) won 1st position in the KTU Inter Zone Volleyball (M) Championship 2025-26.



24. **Sameera K. Subodh** (S2 AI&DS) , **Akshara Gopan** (2022 - 2026) and **Tresa George** (S6 AI&DS) of the MITS basketball teams, won 1st place in the KTU Inter Zone Basketball (Women) Championship, represented KTU at the South Zone Inter University Basketball Tournament at Christ University, Bangalore, won 1st place in the KTU Inter Zone Netball (Women) Tournament have been selected for the APJAKTU University Basketball Team for the 2025–26 season.



25. **Anjana Baby, Mariya Shine, Meenakshi R. Nair, Shalin K. Shaji,** and **Simna Sunil** from (S4 AI&DS) secured industrial internships at Hindustan Aeronautics Limited (HAL).

26. **Devisha and Dhanya R. Nath** (S4 AI&DS) secured industrial internships at Kochi Metro Rail Limited (KMRL).



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27. **Sravan Chand, Bala Murali Gautham (S7 AI&DS), Ethan Shibu Issac, Aadinath Pulikkathara Deepak (S7 CSE(AI))** – Placed at Experion Technologies.
28. **Akshay Jayakumar, Arjun S Nair, Ashin T V, Nandu Rajesh, Sanjay Biju, Sreenandha Ramesh, Timon K John (S7CSE(AI)) and Aiswaraya P S (S7AI&DS)** – Placed at IBM Expert Labs.
29. **A K Sreelakshmi, Anjana J, Anupa Jose, Ayoona Maria John, Nakshatra C, Niji N (S8 CSE(AI)) Joann Jibin, Nandana R, Riya Sageer (S8AI&DS)**– Placed at Infosys.
30. **Anna Mathews, Anna Yacob, Arjun S Nair, Ayoona Maria, Emmanuel Thomas, Robby R Thomas, Stephin Freejo (S8CSE(AI)) and Athulya S, Dhanush P B, Keerthana Dhanish (S8AI&DS)** – Placed at UST.
31. **Venkidesh Venu** of S8CSE(AI) – placed at Infracore.
32. **Asif Saheer, Nandu Rajesh (S8 CSE(AI)) and Niya Rajan (S8AI&DS)** - placed at Innovature labs.
33. **Aleesha Sujith** of S6AI&DS secured Digital India Internship 2025.



Student Placements

MITS Kochi Murthoot Institute of Technology and Science (Changanassery)

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

98 PLACEMENT OFFERS | 13 INTERNSHIPS

Congratulations 2022-26 BATCH

Students and their placements:

- TESSA CHERY (AI & DS) - Cares4it
- JOEL GEEMA GEEVARGHESE (CSE(AI)) - LITMUS
- VENKIDESH VENU (CSE(AI)) - Infraspac
- ASIF SAHEER (CSE(AI)) - Innovature
- NIYA RAJAN (AI & DS)
- NANDU RAJESH (CSE(AI))
- ARJUN A MENON (CSE(AI)) - JUBILANT
- DONA BABU (CSE(AI)) - MoroeWorks
- DEVIKA SUMESH U V (AI & DS)
- AADINATH PULIKKATHARA DEEPAK (CSE(AI)) - NOY
- DEVAPRIYA C C (AI & DS)
- NANDANA R (AI & DS) - gapblue
- MADHAVDAS M (AI & DS) - GEOJIT
- MATHEW SHIJI GEORGE (CSE(AI)) - TNP
- NANDANA MOHAN (CSE(AI)) - NEOSTATS
- SIMON J KURIAN (CSE(AI)) - hatio
- KEERTHANA DHANISH (AI & DS)
- ARJUN S NAIR (CSE(AI)) - CAIR-DRDO
- VARUN HARIDAS (CSE(AI))
- GEORGIO JOSLET (CSE(AI)) - Fingert
- SIDHARTH T S (CSE(AI))
- AATISH ANAZ (AI & DS) - Razorpay
- HIBA SIDHIK (CSE(AI)) - METADATA
- ATHULKRISHNA GOPAKUMAR (CSE(AI)) - H&R BLOCK
- ANAINA SAMSAN (AI & DS) - ENVESTNET
- KEERTHANA DHANISH (AI & DS)
- GOURINANDINI SUNIL (CSE(AI)) - Syntite
- SREERAGH A (CSE(AI))
- ANAMIKA PANICKAR
- ATHUL M S

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MITS Kochi Murthoot Institute of Technology and Science (Changanassery)

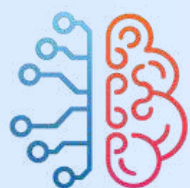
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

98 PLACEMENT OFFERS | 13 INTERNSHIPS

Congratulations 2022-26 BATCH

Students and their placements:

- JOANN JIBIN (AI & DS (PRIME))
- MADHAVDAS M (AI & DS (PRIME))
- GEORGIO JOSLET (CSE(AI) (DIGITAL))
- SIDHARTH T S (CSE(AI) (DIGITAL))
- UMA UNNIKRISHNAN (CSE(AI) (DIGITAL))
- NIYA RAJAN (AI & DS (DIGITAL))
- ASIF SAHEER (CSE(AI) (DIGITAL))
- SRAVAN CHAND (AI & DS (DIGITAL))
- JOEL GEEMA GEEVARGHESE (CSE(AI) (DIGITAL))
- AADINATH PULIKKATHARA DEEPAK (CSE(AI) (DIGITAL))
- DHANUSH P B (AI & DS (DIGITAL))
- BOBBY THOMAS THOMAS (AI & DS (DIGITAL))
- VISHNU (CSE(AI)) - FASHION X
- UMA UNNIKRISHNAN (CSE(AI)) - mitsogo
- JOEL BASIL KURIAN (CSE(AI))
- KARTHIK PRASAD NAIR (AI & DS)
- SIMON J KURIAN (CSE(AI) (DIGITAL))
- DEVAPRIYA C C (AI & DS (DIGITAL))
- ALICIA THERESE DOMINIC (AI & DS)
- ALISHA MARY SHIBU (AI & DS)
- MATHEW SHIJI GEORGE (CSE(AI) (DIGITAL))
- MANAV PRAJITH M (AI & DS)
- ATHUL M S (CSE(AI))
- MISHEL ANNA ASHLY (AI & DS)
- ATHULKRISHNA GOPAKUMAR (CSE(AI))
- STEPHIN FREEJO (CSE(AI))
- A K SREELAKSHMI (CSE(AI))
- TOBIN THOMAS (CSE(AI))
- SRAVAN CHAND (AI & DS)
- BALA MURALI GAUTHAM (AI & DS)
- ETHAN SHIBU ISSAC (CSE(AI))
- AADINATH PULIKKATHARA DEEPAK (CSE(AI))
- HABEEL SHAMSUDEEN (CSE(AI)) - OddsView
- ESPERION



NPTEL Certification

1. S2 CSE(AI) / AI&DS Batch (2025–2029): 64 students successfully secured NPTEL Certification in "Discrete Mathematics" during the Jan–April 2026 cycle. Among them, 4 students (**Ananya Jayadev, Nayana Gopakumar, Nirupama M., and Prithvi Asokan**) achieved Elite+Gold, 35 students achieved Elite+Silver, 21 students achieved Elite (including **Vrinda Lakshmi** and **Sree Durga Varma**), and 4 students completed the course.
2. S2 CSE(AI) / AI&DS Batch (2025–2029): 12 students secured NPTEL Certifications in the Jan–April 2026 cycle: **Liya Jose** earned Elite (Topper 1%) in "Python for Data Science"; **Arathi S., Maria Ajith, Sreenanda K., Aziya Nasarudeen, Aliya Pushpakaran, Gowri Nanda A. G., Sree Durga Varma, Ashwini Shaji, Aiswarya Mahesh, B. Ghanashyam, and Akash S.** secured Elite certification in "Python for Data Science"; **Shyam Anand** completed "Programming, Data Structures and Algorithms using Python"; and **Sreyas Sasikumar** completed "Programming in Modern C++".
3. S2 CSE(AI) / AI&DS Batch (2025–2029): **Anusree C. V.** completed three NPTEL courses: "Python for Data Science", "Data Structures and Algorithms Design", and "Data Science for Engineers".



4. S4 CSE(AI) Batch: 14 students secured NPTEL Certifications during the Jan–April 2026 cycle: **Minha K., Abhishek N. J., and Ciona Theresa** secured Elite+Silver in "Joy of Computing using Python"; Aparna Somasundaram secured Elite+Silver in "Python for Data Science"; **Chris Joe Roby, Irene Mary Binu, Annu Philip, Harriet J. Vazhappilly, Abhishek Varma, and Sheharba Siyab** secured Elite certification in "Programming, Data Structures and Algorithms using Python"; **Lekshmi Rajeev** completed "Data Science for Engineers"; and **Angleena Rajiv, Sreejith S., and Anagha A.** completed "Programming, Data Structures and Algorithms using Python".
5. S6 AI&DS Batch: **Mahathi Nagesh** achieved Elite+Gold certification in "Joy of Computing in Python"; **Abiya Eldose** secured Elite certification in "Bioinformatics: Algorithms and Applications"; **Tanmaya Remeyn** secured Elite certification in "Data Analytics with Python"; and **Shone Yohannan** secured Elite certification in "Cloud Computing".



Team Achievements

1. **Anvin Mathew Josy, Mathew Shiji George, and Tobin Thomas, under the guidance of Ms. Divya K. S. and Ms. Shiji S.,** received a Copyright from the Copyright Office, Government of India for their work titled "Leveraging a Domain Specific LLM for Question Answering in Oil Industry."

प्रमाणपत्र सं. / Certificate No.: SW-2025022160

प्रतिलिप्याधिकार कार्यालय, भारत सरकार | Copyright Office, Government of India

प्रतिलिप्याधिकार प्रमाणपत्र | Copyright Certificate

प्रतिलिप्याधिकार नियम का नियम 70 | Rule 70 of The Copyright Rules

प्रतिलिप्याधिकार रजिस्टर से उद्धरण | Extracts from the Register of Copyrights

अवेदन सं. / Application No.: SW-37028/2025-CO दिखल कले की तिथि / Date of Filing: 13/09/2025

This is to certify that a copyright has been registered for the work titled "LEVERAGING A DOMAIN SPECIFIC LLM FOR QUESTION ANSWERING IN OIL INDUSTRY" as disclosed in the below mentioned application in accordance with the provisions of the Copyright Act, 1957.

रचयिता / Authors:	सं. / SNO.	नाम / Name	पता / Address
1	ANWIN MATHEW JOSY	MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE, VARIKOLI, PUTHENCRUZ-682308	
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3	TOBIN THOMAS	MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE, VARIKOLI, PUTHENCRUZ-682308	

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प्रकाशक विवरण / Publisher Details: N.A.

कार्य का भाषा / Language of the Work: Python Flask(backend) Hml(frontend)

कार्य का विवरण / Description of the Work: Oil industries produce vast amounts of unstructured data in manuals, safety sheets and maintenance logs, making knowledge retrieval slow and error prone. The work focus to deploy a domain specific LLM

(हाँ / टिप्पणियाँ / यदि कोई हो) / (Conditions/Remarks, if any): N.A.

आर. ओ. से जारी होने की तिथि / Date of ROC: 30/12/2025

For Additional details please see next page.

Page 1 of 2

प्रमाणपत्र सं. / Certificate No.: SW-2025022160

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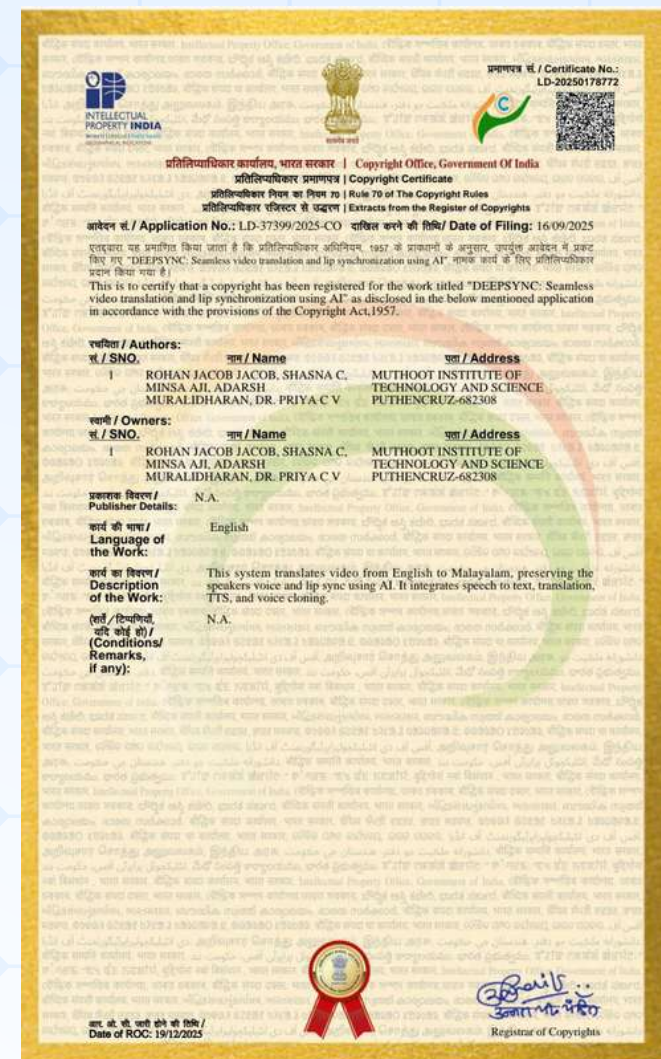
(हाँ / टिप्पणियाँ / यदि कोई हो) / (Conditions/Remarks, if any): N.A.

आर. ओ. से जारी होने की तिथि / Date of ROC: 30/12/2025

Page 2 of 2



2. **Rohan Jacob Jacob, Shasna C., Minsa Aji, and Adarsh Muralidharan**, under the guidance of **Dr. Priya C. V.**, received a Copyright from the Copyright Office, Government of India for their AI-based work titled "DEEPSYNC: Seamless Video Translation and Lip Synchronization Using AI."



3. **Akshay Jayakumar, Gourinandini Sunil, Anna Yacob, Anna Mathews** under the guidance of **Dr Priya C. V.** had presented their work titled Autonomous Utility Robotic Assistant in 22nd IEEE INDICON, flagship conference of IEEE INDIA COUNCIL organized by IEEE BANGALORE SECTION at IIIT-B from 18–20 December 2025.



4. **Ajith Jiya** and **Dr. S. Anoop** presented a paper titled "NeuroLex: A Neuro-Symbolic AI-Driven Legal Contract" at the Fourth International Conference on Speech and Language Technologies for Low-resource Languages (SPELLL 2025), IIT Kottayam.
5. **Jenna Sara Babu, Joel Geema Geevarghese, Sreeragh A.,** and **Dr. S. Anoop** presented a paper titled "Transformer-Based Conditional GAN for Unified Rain and Fog Removal from Images" at the International Conference on Smart Communication and Sustainable Technologies (ICSCST 2026).
6. S6 CSE(AI) team - **Reuben, Siddharth,** and **Govind** participated in the ICPC Asia Regional Contest 2025.



7. **Angel B. John** and **Dr. Sumam Mary Idicula** presented a paper titled "Authorship Attribution of Malayalam Biblical Texts using Deep Learning" at the 2026 2nd International Conference on Advances in Intelligent Computing and Applications (AICAPS), Kochi, India.



8. **Anitta Kurian, Keerthana Dhanish, Reuben Mathew Tharakan, Sravan Chand** (2022-2026 AI&DS Batch), and **Dr. Lekshmi R.** presented a paper titled "VOSK: Voice-Assisted Multi-Lingual Smart Kiosk System" at the 2026 International Conference on Innovative Trends in Information Technology (ICITIIT), published in IEEE Xplore.
9. **Alisha Mary Shibu, Aarya M. S., Athulya S., and Nandana R.** (2022–2026 AI&DS Batch), under the guidance of **Ms. Rija Jose**, won First Position at Prakalp 2026 (Project Expo hosted by MITS) for their project "CogniDecode: A Multimodal Neural Framework for Brain Signal Interpretation."
10. **Anjana J., Nakshatra C., Nandana R., and Niji N.,** under the guidance of **Ms. Thasni K. N.**, won First Position at Prakalp 2026 for their project "AI-Driven Health Insurance Claim Verifier leveraging Deep Learning based Image Forgery and NLP-enabled Validation."
11. **Bobby Thomas Thomas, Athul Krishna P. J., and Siddeeq Akbar,** under the guidance of **Dr. Cerene Mariam Abraham**, emerged as District-Level Winners of Young Innovators Programme (YIP 8.0), organized by K-DISC.
12. **Alan Subhash, Sandra Anoop, and Fathimma Bathool** (2022–2026 AI & DS Batch), under the guidance of **Dr. Priya C. V.**, won Second Position at Prakalp 2026 for their project "FlTrack.AI: Forecasting F1 Race Insights in Real Time."



13. **Athul Krishna Gopakumar, Nandana Mohan,** and **Abdul Rahman,** under the guidance of **Ms. Angel Varghese,** won Second Position and the Best Innovative Project Award from the MITS Alumni Association (OSSAM) at Prakalp 2026 for their project "Smartscape: AI-Powered Urban Layout and Geological Risk Assessment Tool for Resilient Infrastructure Planning in Kerala."
14. **Olivia Placid, Lakshmi A. K., Dona Jani,** and **Kadeeja Manika R. (S7 AI&DS),** under the guidance of **Dr. Priya C. V.,** were selected among the top 15 teams out of 500 entries across India and reached the Grand Finale of UST SIGHT 3.0 for their project "TeenSense: Smart Insights for Smart Parenting."
15. **Angel B. John** (M.Tech student), under the guidance of **Dr. Sumam Mary Idicula,** won the Best Poster Presentation Award at the National Research Conference & Kerala Higher Education Expo 2026.
16. Two teams from S4 CSE(AI) qualified as finalists in ICGAIFE 3.0 - AI Samasya Hackathon organized by the Department of Higher Education & IHRD, Govt. of Kerala: Team 1 (**John Varghese Nettady, Sam Sunny**) won Second Prize with a cash award of Rs. 30,000; Team 2 (**Bisni K. B., Joyal Jaison, Niharika C., Ann Mary Chacko**) received Special Appreciation.



17. **Asif Saheer, Anamika Panickar, Athul M. S., and Hiba Sidhik** (S8 CSE(AI)), under the guidance of **Ms. Linu Paulose**, secured Second Position among 20 teams and won a cash prize in the National Level 24-Hour AI Design Challenge "InnovAlte" (ICGAIFE 3.0), organized by the Department of Higher Education & IHRD, Govt. of Kerala.
18. Paper titled "OculoXplain: An Explainable AI System for Fundus Image Analysis in Rare Retinal Diseases" was presented at the International Conference on Sustainable Smart Computing and Communications (ICSSCC 2026), Pune, India.
19. Paper titled "SignVision: AI-Powered Educational Video Generation for Deaf and Dumb Learners" was presented at the Fourth International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS 2026), SCMS, Ernakulam, India.



Faculty Achievements

1. **Dr. Sumam Mary Idicula** published an SCIE paper titled "STC-Traj2vec: Spatiotemporal context–integrated trajectory representation learning for clustering" in Knowledge-Based Systems (2026) and a journal paper titled "A Systematic Survey of Automatic Image Description Generation Systems" in International Journal of Image and Graphics (2026).
2. **Ms. Philo Sumi** completed MoE's Innovation Cell & AICTE Innovation Ambassador (IA) training 'Foundation Level' (30 contact hours across 16 sessions) during IIC 2025-26, and completed the NPTEL course on "Data Science for Engineers" conducted by IIT Madras (Jan–March 2026). she also presented a paper titled "LoRA-Enhanced Whisper ASR for Dysarthric Speech: A Feature-Level Fine-Tuning Framework Using the Noise-Reduced UASpeech Corpus" at the 14th National Conference on Innovations in Information Technology, Bannari Amman Institute of Technology, Sathyamangalam. She also participated in the 2-Week Online Winter Course on "National Capacity Building Program on Research and Publications," organized by IIT Dharwad from 8th to 19th December 2025, and the 5-Day Online FDP on "AI-Based Predictive Analytics for Disease Diagnosis and Healthcare Monitoring," organized by RSET, Kochi from 23rd March to 27th March 2026.



3. **Dr. Anoop S.** was awarded her PhD on 20th April 2026 from College of Engineering Trivandrum (KTU) for her thesis titled "Deep active learning based spatio-temporal crowd anomaly detection, localization and its behaviour identification"; served as a reviewer for Springer Journals (reviewing 15 papers across 4 journals and nominated for trusted Springer reviewer status) as well as IEEE ICC 2025; and earned Elite+Silver NPTEL certifications in both "Python for Data Science" and "Data Analytics with Python". she also presented a paper titled "ISL-Malayalam Translation System: Machine Learning for Low-Resource Sign Language Recognition" at the International Conference on Sustainable Smart Computing and Communications (ICSSCC 2026), Dr. Vishwanath Karad MIT World Peace University, Pune, India.
4. **Dr. Parvathy Jyothi** completed MoE's Innovation Cell & AICTE Innovation Ambassador (IA) training 'Foundation Level' (30 contact hours across 16 sessions) during IIC 2025-26, and secured Elite+Silver NPTEL certification in "Introduction to Soft Computing" offered by IIT Kharagpur.
5. **Mrs. Divya K. S.** achieved NPTEL Domain Certification in Computer Science - Data Science, was awarded the NPTEL Discipline Star for the Jan–April 2026 semester, and secured Elite+Gold (Topper 2%) in the NPTEL course "Artificial Intelligence: Knowledge and Concepts"



6. **Dr. S. Anoop** presented a paper titled "Complexity Analysis of Hierarchical Tucker-Based Tensor Decomposition in 3D CNN and LSTM Architectures for Video Data" at the 2025 11th International Conference on Smart Computing and Communications (ICSCC), Kochi, India
7. **Dr. Cerene Mariam Abraham** attended the IBM Pearl Launch Event on 31st January 2026 at Kochi, she also participated in the 5-Day Online FDP on "AI-Based Predictive Analytics for Disease Diagnosis and Healthcare Monitoring," organized by RSET, Kochi from 23rd March to 27th March 2026.
8. **Dr. Lekshmi R.** successfully defended her Ph.D. thesis titled "Effective Domain Adaptation Approaches for Image and Time Series Classification" at the School of Engineering, Cochin University of Science and Technology (CUSAT).



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9. **Ms. Anjaly Muralidharan** received the Best Project Award for her project "AI Agent – Education" under the TCS APEX Faculty Development Program on 4th February 2026.

10. **Ms. Sheena Y.** was recognized as an NPTEL Discipline Star and NPTEL Believers Star after completing four courses: "Python for Data Science" (Silver + Elite Top 5%), "Introduction to Machine Learning" (Elite), "Introduction to Natural Language Processing" (Elite), and "Introduction to Large Language Models".

Newsletter Editorial Board

Faculty Incharge:

Ms. Anupa Tom

Student Editor:

Mr. John Varghese Nettady (S4 CSE(AI))



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