



# SIR ISSAC NEWTON COLLEGE OF ENGINEERING AND TECHNOLOGY

# NEWS LETTER

ODD SEM (2024-25)

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

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### ABOUT THE DEPARTMENT

Affiliated with Anna University and approved by AICTE, the college offers a wide range of undergraduate and postgraduate programs aimed at nurturing innovation, research, and academic excellence. With a focus on holistic development, the institution provides students with a well-balanced blend of theoretical knowledge, hands-on training, and industry exposure.



State-of-the-art infrastructure, experienced faculty, and a student-centric learning environment empower learners to become competent professionals and responsible citizens. The college is also actively involved in fostering values, ethics, and leadership qualities to prepare students for global challenges.

One of the key strengths of the college lies in its state-of-the-art infrastructure, which includes advanced laboratories, modern classrooms, fully-equipped libraries, and cutting-edge research facilities that enable students to engage in hands-on learning and experimentation

These resources are complemented by a team of highly qualified and experienced faculty members who are not only experts in their respective fields but also passionate educators dedicated to mentoring and guiding students throughout their academic journey.

### ABOUT THE ASSOCIATION

ARINDASCI is the official Departmental Association of Artificial Intelligence & Data Science (AI&DS) at Sir Issac Newton College of Engineering and Technology. Established with the vision of fostering innovation, collaboration, and leadership among students, ARINDASCI is a dynamic platform that bridges the gap between classroom learning and real-world technology.



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## STUDENT'S ACHIVEMENTS



### PRESENTATION OF A RESEARCH PAPER AWARD

M. Jenisha, a II-year B.Tech student in Artificial Intelligence and Data Science (AI & DS) at Sir Issac Newton College of Engineering and Technology, Nagapattinam. The recognition is for her active participation and successful presentation of a research paper titled "Cyber Forensics and Ethical Hacking".

### CHIEF MINISTER'S TROPHY 2024 AWARD

M. Logeshwaran from Nagapattinam district represented his college in the Volleyball event at the State Level Competitions for The Chief Minister's Trophy 2024, organized by the Sports Development Authority of Tamil Nadu (SDAT). The event took place in October 2024, and he actively participated in the prestigious tournament, showcasing his athletic talent and team spirit.



### ZONAL TOURNAMENTS AWARD

Sakthi Ragul R of 3rd year Artificial Intelligence and Data Science from Sir Issac Newton College of Engineering and Technology, secured second position in the Cricket event at the Anna University Zonal Tournaments 2024-2025, representing Zone XV. The tournament was held at A.V.V.M. Sri Pushpam College, Poondi, from 27.09.2024 to 29.09.2024, organized by the Anna University Sports Board, Chennai. His active participation and commendable performance contributed significantly to the team's success.



### TECHFEST 2K25 EVENT AWARD

A. Akalya, a II year student from the Artificial Intelligence and Data Science department of Sir Issac Newton College of Engineering and Technology, actively participated in the Gaming event at TechFest 2K25, organized by Sir Issac Newton Educational Institutions. The event took place from January 23 to February 7, 2025, providing students a platform to showcase their talents in technical and non-technical domains.



### TECHFEST 2K25 EVENT AWARD

G. Dharani, a second-year student from the Artificial Intelligence and Data Science department of Sir Issac Newton College of Engineering and Technology, participated in the Gaming event during TechFest 2K25. This technical fest was organized by Sir Issac Newton Educational Institutions and held from January 23 to February 7, 2025. The event served as a great platform for students to explore and enhance their talents in both technical and non-technical domains.



# STUDENT'S ACHIVEMENTS

## PRESENTATION OF A RESEARCH PAPER AWARD

R. Sathana, a II-year B.Tech student in Artificial Intelligence and Data Science (AI & DS) at Sir Issac Newton College of Engineering and Technology, Nagapattinam. She has presented a research paper titled "Nano Technology - A Future of Innovation" at the 2nd International Conference on Advanced Innovation in Technologies (ICAIT 2025), organized by Arifa Institute of Technology.



## PHOTOGRAPHY EVENT AWARD

Amirtha Poorani from Sir Issac Newton College of Engineering, for securing 1st or 2nd place in the Photography event at AIROX 2K24, the National Level Technical Symposium organized by JJ College of Engineering and Technology, Trichy-9 on 11 November 2024.



## PRESTO V1-24 NATIONAL LEVEL SYMPOSIUM AWARD

Dharani G from Sir Isaac Newton College of Engineering actively participated in various events on Day 2 of the Presto V1-24 National Level Symposium held on August 29 & 30, 2024, at SIMATS Engineering, Thandalam, Chennai.



## TECHNICAL EVENT AWARD

Jayamathi M took part in multiple technical and non-technical events including paper presentation, workshop, debugging, and technical quiz during the same event.



## TECHNICAL EVENT AWARD

Abinaya S actively engaged in technical quiz, debugging, and other cultural and gaming activities as part of the symposium. Notably, she received a Certificate of participate in recognition of her performance.





## STUDENT'S ACHIVEMENTS

### PRESENTATION OF A RESEARCH PAPER AWARD

M. Harishni, a 3rd-year B.Tech student in Artificial Intelligence and Data Science (AI & DS) at Sir Issac Newton College of Engineering and Technology, Nagapattinam. She has presented a research paper titled "AI-Powered Stroke Prediction System Using Wearable Health Data".



### TECHNICAL EVENT AWARD

Mohitha Sri T participated in several activities such as paper presentation, logo design, debate, and cultural and gaming activities. Notably, she received a Certificate of Runner in recognition of her performance.



### PRESENTATION OF A RESEARCH PAPER AWARD

This certificate is awarded to R. Hemapriya, a II-year B.Tech student in Artificial Intelligence and Data Science (AI & DS) at Sir Issac Newton College of Engineering and Technology, Nagapattinam. The certificate recognizes her participation and contribution in the 2nd International Conference on Advanced Innovation in Technologies (ICAIT 2025), organized by Arifa Institute of Technology in collaboration with Arifa Innovation & Incubation Council.



### TECHNICAL EVENT AWARD

Amirtha Poorani M also contributed by participating in workshop, paper presentation, and various cultural and gaming events during the National Level Symposium. Notably, she received a Certificate of Runner in recognition of her performance.

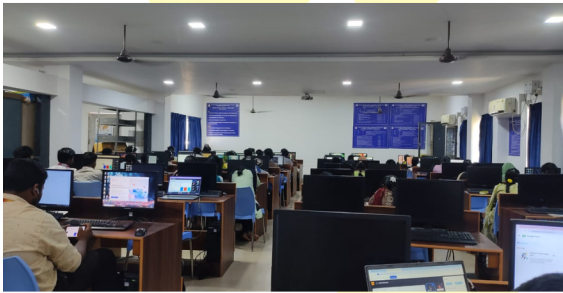




## DEPARTMENT EVENTS

### FUTURE OF AI&DS IN HEALTHCARE AND MILITARY

The **“Dr.H.Prabavathi”** Assistant Professor served as the Resource Person for the event. She discussed the Introduction and importance of “AI&DS in the field of research”. The Presenter content was good and students are very interesting to understand the various research methodologies and techniques, encouraging students to adopt a structured approach to their academic projects and future research endeavors. A program title as “Future of AI&DS in Healthcare and Military”.



### UNLOCK DATA INSIGHTS WITH WEKA TOOL

an AI webinar titled "Unlock Data Insights With Weka Tool", organized by the Department of Artificial Intelligence and Data Science. The resource person for this webinar is Dr. E. Elakiya. The webinar is scheduled to take place on March 13, 2025, from 10 AM to 12 PM, spanning two hours. The poster is designed with bright, engaging colors and includes visual elements like a laptop icon (indicating an online event) and a calendar illustration showing the date and time.

### WORKSHOP ON DATA SCIENCE

Mr.D.MadhanMohan elaborated on the core concepts, and also discussed recent innovations, research directions in data science, and career opportunities in the domain. The session was interactive and encouraged student participation through questions and discussions and Activity. The event proved to be highly informative and beneficial for students and faculty members alike.



### SOFT COMPUTING AND MACHINE MONITORING

Dr. Joseph Emerson Raja is an Assistant Professor at the Faculty of Engineering and Technology, seminars on soft computing and machine monitoring. recently conducted a seminar at Sir Issac Newton College of Engineering and Technology (SINCET). Drawing on his expertise in soft computing and machine health monitoring, Dr. Emerson shared valuable insights with students and faculty, enriching their knowledge in advanced engineering applications.

## DEPARTMENT EVENTS

### SYMPOSIUM



National Level Technical Symposium - INNOVERA '25' was grandly organized by Sir Issac Newton College of Engineering and Technology on 4th April 2025. This prestigious event, hosted by the departments of engineering.

The inauguration ceremony began with a traditional welcome, lighting of the lamp, and motivating keynote speeches that encouraged students to embrace innovation and leadership in the world of technology.



A wide variety of technical events were conducted throughout the day including paper presentations, coding contests, project expos, circuit debugging, and technical quizzes. These events drew participation from hundreds of students.

The event not only tested participants' technical prowess but also their communication, logical reasoning, and teamwork skills. Faculty members and student volunteers from all departments played an essential role in the smooth coordination of events.



winners and participants were awarded certificates, medals, and mementos. The chief guests praised the efforts of the college and the organizing committee for conducting such a successful and vibrant event.





# FACULTY DEVELOPMENT PROGRAM ACHIEVEMENTS

## DEEP DIVE INTO ARTIFICIAL INTELLIGENCE CERTIFICATE

Prof. K. Maheshwari attended a Faculty Development Program on "Deep Dive into Artificial Intelligence" in January 2025 conducted by KPR Institute of Engineering and Technology under the AICTE Training and Learning (ATAL) Academy.



## MACHINE LEARNING CERTIFICATE

Prof. K. Maheshwari successfully completed a one-month Faculty Development Program by SkillDzire in October 2024, featuring hands-on training in Python, SQL, Django, Data Science, and Machine Learning, focusing on project-based real-world applications.



## BUILDING WEB DEVELOPMENT SOLUTIONS WITH CLOUD COMPUTING CRTIFICATE

Ms. R. Sindhuja participated in a Faculty Development Program on "Building Web Development Solutions with Cloud Computing", organized by AICTE and Edunet Foundation in collaboration with EY (Ernst & Young). This program, conducted under the Next Gen Employability initiative, focused on equipping faculty with in-demand skills in full-stack web development and cloud technologies, supporting the integration of modern tools into classroom instruction.



## DEEP LEARNING CERTIFICATE

This certificate acknowledges successful completion of the AICTE ATAL Faculty Development Program on "Deep Learning," held in February 2025 and organized by Bapatla Engineering College.





# FACULTY DEVELOPMENT PROGRAM ACHIVEMENTS



## EMERGING TECHNOLOGIES FOR BLENDED LEARNING CERTIFICATE

Prof. K. Maheshwari completed a Faculty Development Program on "Emerging Technologies for Blended Learning" in November 2024, organized by Edunet Foundation and AICTE in collaboration with IBM SkillsBuild.

## MICROSOFT AZURE FUNDAMENTALS CERTIFICATE

Prof. K. Maheshwari attended an online Faculty Development Program on "Microsoft Azure Fundamentals" in January 2025, organized by ICT Academy in association with Microsoft, learning foundational cloud computing concepts and Microsoft Azure services.



## AI-POWERED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTS CERTIFICATE

S. Mahalakshmi presented a paper titled "AI-Powered Nutrition Analyser for Fitness Enthusiasts" at the 2nd National Conference on Innovative Technologies in Engineering and Research (NCITER-2024) held at A.V.C. College of Engineering.

## BUILDING WEB DEVELOPMENT SOLUTIONS WITH CLOUD COMPUTING CERTIFICATE

S. Mahalakshmi, Assistant Professor in the Department of Artificial Intelligence and Data Science, participated in the Faculty Development Program on "Building Web Development Solutions with Cloud Computing", held from November 4th to 8th, 2024. The program was organized under the Next Gen Employability Program by AICTE and Edunet Foundation.



## MICROSOFT AZURE AI ENGINEER CERTIFICATE

Ms. R. Sindhuja completed a specialized Faculty Development Program on Microsoft Azure AI Engineer, organized by the E & ICT Academy, Government of India (Phase II), in collaboration with Microsoft and hosted by A.V.C. College of Engineering. This training provided her with hands-on experience in AI model development, deployment, and machine learning workflows using Microsoft Azure, enabling her to incorporate cloud-based AI solutions into the curriculum.

## STAFF'S ACADEMIC RESULT



**Mrs. K. Maheshwari,  
M.E., HOD/AI&DS**

- achieved a 100% success rate in the Design and Analysis of Algorithms course, with all 56 enrolled students attending regularly and no absentees.
- achieved a 100% success rate in the Introduction to Women and Gender Studies course, with full attendance and no absences recorded for all 59 enrolled students.
- conducted the Data Information & Security course, maintaining a result rate of 97%, with 55 out of 57 students attending and only 2 absentees.

- Human Values and Ethics course, achieving a strong result 92%, with 48 out of 52 students attending regularly and only 4 absentees.
- Distributed Computing course, where 56 out of 59 students attended regularly, with 3 absentees, leading to an overall result 95%.
- 



**Ms. R. Sindhuja, M.E.,  
Assistant Professor/AI&DS**



**M. Nagulan, M.E., Assistant  
Professor/AI&DS**

- handled the Database Design and Management course with 55 enrolled students, of which 51 attended regularly. With only 4 absentees, he maintained a strong overall result 92.70%.
- achieved a 100% success rate in the Naan Mudhalvan program.
- achieved a perfect 100% result in the Digital Marketing course, with all 58 students present and no absences recorded.

## STAFF'S ACADEMIC ACHIVEMENT



**S. R. Boopathybalan,  
M.E., Assistant  
Professor/AI&DS**

- demonstrated exceptional attendance outcomes in both IT in Agricultural System , securing a 100% result.
- demonstrated exceptional attendance outcomes in both Naan Mudhalvan, securing a 100% result in both subjects, with all 52 students present and no absences recorded.
- achieved a perfect 100% result in the Big Data Analytics course, with all 57 students present and no absences recorded.

- attained a perfect 100% result in the Data Exploration and Visualization course, with all 57 students present and no absences recorded.
- achieved a perfect 100% result in the Data Warehousing course, with all 58 students present and no absences recorded.



**P. Sobiya, M.E., Assistant  
Professor/AI&DS**



**Mr. M. Prabhu, M.E., Assistant  
Professor/AI&DS**

- Distributed Computing course, where 56 out of 59 students attended regularly, with 3 absentees, leading to an overall result 95%.



## STUDENT ACADEMIC ACHIVEMENT



**T.MOHITHASRI**  
**B.TECH AI&DS 2ND YEAR**

T. Mohithasri successfully completed the 3rd semester of the 2nd year with an impressive CGPA of 8.9. This reflects consistent academic performance and a strong grasp of the subjects undertaken during the semester. The achievement highlights dedication, hard work, and a commitment to excellence in her studies.

M. Jeeveetha successfully completed the 5th semester of the 3rd year with a commendable CGPA of 8.75. This achievement showcases her consistent academic dedication and strong performance across all subjects during the semester. It reflects her hard work, focus, and commitment to academic excellence.



**M.JEEVEETHA**  
**B.TECH AI&DS 3RD YEAR**



**S.JANANI**  
**B.TECH AI&DS 4TH YEAR**

Janani S. successfully completed the 7th semester of the 4th year with an outstanding CGPA of 9.26. This excellent result reflects her strong academic capabilities, dedication to her studies, and consistent pursuit of excellence throughout the semester.

## EDITORIAL BOARD

### EDITORIAL-BOARD

#### Chief-Editor

**Mrs. K. Maheshwari, M.E..**  
Head of the Department/AI&DS

#### Co-Editor

**Ms.R.Sindhuja, M.E..**  
Assistant Professor/AI&DS

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