



SIR ISSAC NEWTON COLLEGE OF  
ENGINEERING AND TECHNOLOGY

# NEWS LETTER

EVEN SEM (2024-25)

DEPARTMENT OF SCIENCE AND HUMANITIES

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## ABOUT THE DEPARTMENT

In every great structure, the foundation matters. At our college, that foundation is built by the Department of Science and Humanities (S&H) - a vibrant hub that brings together Mathematics, Physics, Chemistry, and English to ignite the academic journey of every B.E./B.Tech student.

More than just a starting point, the S&H department is where ideas take root, confidence takes shape, and futures begin to form. It plays a crucial role in the college's academic history, not just by teaching, but by leading, inspiring, empowering, and enriching students with essential knowledge, practical skills, and the right mindset for success.

What sets this department apart is its futuristic outlook. It doesn't just teach the basics—it connects science, humanities, and engineering in dynamic ways, preparing students to thrive in an ever-evolving global environment. From sharpening technical and communication abilities to nurturing entrepreneurial spirit and critical thinking, the department ensures every student is workplace-ready and world-ready. But it doesn't stop at academics. With soft skills and behavioral training programs, students develop confidence, creativity, and character.

Through creative teaching approaches, the department fosters not just intellectual growth, but also moral values and a strong sense of social responsibility. At its heart, the Department of Science and Humanities is about shaping well-rounded individuals - open-minded, innovative, and ready to lead with purpose.

## VISION OF THE S & H DEPARTMENT

Develop a platform to create world-class recognized in the field of Basic Science and Humanities with high-quality engineering exposures.

## MISSION OF THE S & H DEPARTMENT

To impart value-based quality education in the field of Basic Science and Humanities Engineering through effective teaching – learning approaches.

To provide the essential academic infrastructure and facilities for the students' personal and professional growth.

To create basic awareness in research, social and ethical practices to excel in future engineering endeavors.

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## STUDENT'S ACHIEVEMENT



### APP DEVELOPMENT PROJECT AWARD

V. Mahir Mohamed, M. Gokul, S. Annamalai, S. Sanjai, M. Muthukrishnan, and R. Thleep, first year Artificial Intelligence and Data Science (AI&DS) has undergone "SOS – Emergency Alert App" Development project at Hackathon organized by Bannari Amman Institute of Technology (BIT), held on April 25–26, 2025, at Sathyamangalam, Erode. The students secured the Second Prize.

### INTERNATIONAL CONFERENCE PARTICIPATE AWARD

First-year students from Sir Isaac Newton College of Engineering and Technology participated in the 4th International Conference on Advanced Functional Materials (ICAFM), held on March 21–22, 2025, at Central University.



### PAPER PRESENTATION AWARD

S. Mahalakshmi and G. Srimathi, 1st year CSE students from Sir Issac Newton College of Engineering and Technology, were awarded first price for presenting a paper titled 'Water Pollution and Its Treatment' at AVC College on March 21, 2025.

### PAPER PRESENTATION AWARD

T. Esaithendral and R. Kavimozhi, 1st year CSE students from Sir Issac Newton College of Engineering and Technology, were awarded second price for presenting a paper 'exploring innovation in engineering mathematics' at AVC College on March 21, 2025.



### KABADDI TOURNAMENT AWARD

M. Abisheik and S. Satheeswaren, 1st year IT students from Sir Issac Newton College of Engineering and Technology, presented a paper titled 'Water Pollution and Its Treatment' at AVC College on March 21, 2025.

### KABADDI TOURNAMENT AWARD

P. Abishek, a first-year student in Electrical Communication and Engineering, emerged victorious in the kabaddi tournament at Sir Issac Newton College of Engineering and Technology, held on February 25, 2025.



### ATTENDANCE AWARD

**Ms. B. Kishorini** First year Agricultural Engineering students have got **100%** attendance during the academic year 2025.

**Mr. S. Mohamed Yusuf** First year Computer Science and Engineering students have got 100% attendance during the academic year 2025.

**Mr. B. Manikandan** First year Computer Science and Engineering students have got **100%** attendance during the academic year 2025.

**K. Sakthivel** First year Electrical Communication and Engineering students have got **100%** attendance during the academic year 2025.

## FACULTY ACHIEVEMENT

### WORKSHOPS / CONFERENCES ATTENDED / PUBLICATIONS AND ACHIEVEMENTS BY FACULTY

#### MEMBERS:

Dr. R. Maheshwari, Assistant professor, Science and Humanities Department, has published Crystals growth and UV-Visible spectrophotometer, FT-IR Spectrophotometer, TG-DTA, SEM- EDAX, P-XRD, Optical image, Characterization of Pure Nickel Tris thiourea chloride crystal (NTTC), Academic Publication, An International research Publishing Group, ISBN No: 978-93-342-1980-7. 07-03-2025.

Dr. R. Maheshwari, Assistant professor, Science and Humanities Department, has published paper with the title of Synthesis, growth and characterization studies of nonlinear optical studies of zinc 3 phenyl prop-2 enolate for frequency conversion. Indian Journal of Natural Science, June 2025.

Dr. M. Prakash Raj, Assistant Professor, Science and Humanities Department, has published paper with the title of Dengue transmission model in an age- structural population using delay differential equations, discover public health on 12 March 2025.

Mrs. R. Deepa Assistant Professor, Science and Humanities Department, has published book chapter on April 2025 with content of - Eco critical reading of nature in "mother of pearl" by Melinda Haynes: examining the intersection of environmental justice and peripheral geographies.

Mrs. S. Suseela Devi, Assistant Professor, Science and Humanities Department, has published book chapter on April 2025 with content of – Indigenous knowledge in decolonial movements reclaiming cultural sovereignty in Salman Rushdie's midnight's children. Book name: melodies muted (The lives of the fringes).

Dr. T. Kayalvizhi, Associate Professor, Science and Humanities Department, has participated in the 4th International Conference on Advanced Functional Materials (ICAFM), held on March 21–22, 2025, at Central University.

Dr. T. Kayalvizhi, Associate Professor, Science and Humanities Department, has participated in the Faculty development program "Plagiarism check and Bibliographic Software" Conducted on 03-04-2025 by Sir Issac Newton College of Nursing.

Dr. M. Indumathi, Assistant Professor, Science and Humanities Department, has participated in the Faculty development program "Plagiarism check and Bibliographic Software" Conducted on 03-04-2025 by Sir Issac Newton College of Nursing.

Mrs. R. Meenakshi, Assistant Professor, Science and Humanities Department, has participated in the Faculty development program "Plagiarism check and Bibliographic Software" Conducted on 03-04-2025 by Sir Issac Newton College of Nursing.

Mrs. M. Suganya, Assistant Professor, Science and Humanities Department, has participated in the Faculty development program "Plagiarism check and Bibliographic Software" Conducted on 03-04-2025 by Sir Issac Newton College of Nursing.

Mr. M. Rajinikanth, Assistant Professor, Science and Humanities Department, has participated in the Faculty development program "Plagiarism check and Bibliographic Software" Conducted on 03-04-2025 by Sir Issac Newton College of Nursing.





# FACULTY ACHIEVEMENT

## Ph.D AWARDED AND REGISTRATION - FACULTY DETAIL



Dr. J. Sivasankari  
(Awarded Ph.D)



Dr. M. Indumathi  
(Awarded Ph.D)



Dr. T. Kayalvizhi  
(Awarded Ph.D)



Dr. R. Maheshwari  
(Awarded Ph.D)



Dr. M. Prakash Raj  
(Awarded Ph.D)



Mr. M. Rajinikanth  
(Registered Ph.D)



Mrs. G. Amuthavani  
(Registered Ph.D)



Mrs. R. Meenakshi  
(Registered Ph.D)



Mrs. B. Sugasini  
(Registered Ph.D)

## RESULT ANALYZES



Mrs. S. Suseela Devi,  
Assistant Professor/S&H

95% - Professional English- II  
CSE (II SEM)



Mrs. Rajeshwari,  
Assistant Professor/S&H

83.05% - Statistics and Numerical Methods  
IT (II SEM)



Mrs. R. Deepa,  
Assistant Professor/S&H

93.22% - Professional English- II  
IT- AI &DS