



You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

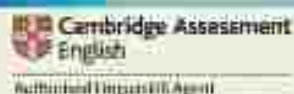
OMR, CHENNAI - 119



JULY 2025

DEPARTMENT OF SCIENCE NEWSLETTER

SCIENCE



INSTITUTION'S
INNOVATION
COUNCIL



NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK



VISION & MISSION



The Department of Science strives to mould the students to the best of their ability to develop their knowledge in basic science required for a budding engineer, to compete and contribute to industry and research. The department hopes to train the young engineers to excel in scientific thinking and logical reasoning.

To create awareness of the potential of Science and scope of its applications to the diversified areas of engineering and technology in industries and research. To secure a pass percentage of above 95% results in university examinations



DEPARTMENT ACTIVITIES**SCHOOL EVENT PROGRAM**

The Department of Science was proudly represented by St. Thomas Matric Higher Secondary School at the Engineering Excellence event held on 3rd July 2025 and 4th July 2025 at St. Joseph's College of Engineering. A total of 147 students from the school actively took part in the event, demonstrating remarkable enthusiasm and making a significant contribution to its success.

Their energetic participation reflected a deep interest in engineering and technology, helping to enhance an event that brought together 402 students from three reputed schools across the Chennai region.



DEPARTMENT ACTIVITIES**SCHOOL EVENT PROGRAM**

The Department of Science was proudly represented by St. Thomas Matric Higher Secondary School at the Engineering Excellence event held on 4th July 2025 at St. Joseph's College of Engineering. A total of 125 students from the school actively took part in the event, demonstrating remarkable enthusiasm and making a significant contribution to its success.

Their energetic participation reflected a deep interest in engineering and technology, helping to enhance an event that brought together 404 students from four reputed schools across the Chennai region.

The event was further enriched by the presence of distinguished guest speakers – Subbu Dheivarayan S., RevOps Business Analyst | Sales Operations Strategist, Freshworks Inc, and Mr. Vimal Laxman Pichaikannu, Scientist-E Embedded Systems & IoT Specialist, CADC (Centre for Airborne Systems). Their inspiring sessions offered students valuable insights into career opportunities and emerging trends in the engineering and technology sectors.



DEPARTMENT ACTIVITIES**SCHOOL EVENT PROGRAM**

The Department of Science was proudly represented by Ramakrishna Mission Matric Higher Secondary School at the Engineering Excellence event held on 23rd July 2025 at St. Joseph's College of Engineering. A total of 118 students from the school actively took part in the event, demonstrating remarkable enthusiasm and making a significant contribution to its success.

Their energetic participation reflected a deep interest in engineering and technology, helping to enhance an event that brought together 402 students from three reputed schools across the Chennai region.

The event was further enriched by the presence of distinguished guest speakers – Ms. Veronika J., Process-Improvement Professional – HR from Loyola Institute of Business Administration, and Mr. Neaven Christopher Arulraj, HR Generalist at CODEWORK Pvt. Ltd. Their inspiring sessions offered students valuable insights into career opportunities and emerging trends in the engineering and technology sectors.



DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)**

THOMAS JOEWINSA F
312324247120
CGPA- 8.94



THANVI NITHANYA K
312324247116
CGPA- 8.73



MRIDULA R.
312324247064
CGPA- 8.71



RANBHAYA S
312324247080
CGPA- 8.71



VISHWANATH SAKTHIRAJ
312324247123
CGPA- 8.71



PRAJEETH H
312324247075
CGPA- 8.69



DHYA AISHWARYA S
312324247021
CGPA- 8.67



ASHWACRANCO
312324247008
CGPA- 8.65



ANDREW IEFRIN S
312324247007
CGPA- 8.61



NIRRATHANA S
312324247047
CGPA- 8.61



RASMYN K
312324247081
CGPA- 8.57



SANTHOSH KUMAR B
312324247092
CGPA- 8.57



SUPRIYA LATHA ANANTHAN
312324247109
CGPA- 8.57



DHEEPESH N
312324247019
CGPA- 8.55



JEEVIKA K
312324247038
CGPA- 8.53



TAMIL SELVAN S
312324247115
CGPA- 8.53



SURYA S
312324247110
CGPA- 8.51



SIVETHA S
312324247159
CGPA- 8.51



DEPARTMENT OF SCIENCE

Congratulations
FIRST YEAR CYBER SECURITY
(BATCH 2024-2028)


Toppers (8.5 CGPA and Above upto II Semester)


CHARUMITHRA C
 312324149008
 CGPA- 8.45



PODJA AD
 312324149040
 CGPA- 8.39



TRISHNA R
 312324149058
 CGPA- 8.27



VIJAY M
 312324149062
 CGPA- 8.88



FADMAHE R
 312324149038
 CGPA- 8.78



POOJITA KODUKULA
 312324149041
 CGPA- 8.74



SHALINI S
 312324149092
 CGPA- 8.70



ANTLEY SHRUBAN L
 312324149004
 CGPA- 8.68



DHARSHANA D
 312324149011
 CGPA- 8.65



FARHA TAZMEEN C
 312324149013
 CGPA- 8.65



RITHIKA R
 312324149044
 CGPA- 8.62



DHATHANI C
 312324149010
 CGPA- 8.61



KANI PRIYA E
 312324149025
 CGPA- 8.59



LAKSHANA K
 31232414903E
 CGPA- 8.59



NIVETHA J
 312324149027
 CGPA- 8.59



STEFFEN S
 31232414905E
 CGPA- 8.57



JAHNAVI S
 312324149018
 CGPA- 8.53



DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ELECTRONICS AND COMMUNICATION ENGINEERING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)**

HAMEETHA S A
212224106659
CGPA: 8.42



SHWETHA G
212224106163
CGPA: 8.37



AISHWARYA Y
212224106804
CGPA: 8.18



DURGA VARSHINI J S
212224106038
CGPA: 8.18



KAVYA SREE R
212224106578
CGPA: 8.08



VIGNU VARDHAN E
212224106128
CGPA: 8.14



PRIYADHARSHINI S
212224106126
CGPA: 8.10



DHESHKSHITHA RANGANATHAN R
212224106038
CGPA: 8.02



DHARAMESRI T
212224106030
CGPA: 8.00



SWETHA S
212224106176
CGPA: 8.00



MANOJ SALA V
212224106098
CGPA: 8.98



SWETHA R
212224106174
CGPA: 8.98



**EVANDELINE
SELVAKUMARI E**
212224106041
CGPA: 8.96



HARU HARU SUDHANY
212224106091
CGPA: 8.90



ZAARA FARHANA S
212224106194
CGPA: 8.86



ARWIN KOCHI
212224106818
CGPA: 8.88



PRANITHA SRI G
212224106120
CGPA: 8.88



KOWSALYA S
212224106028
CGPA: 8.88



NAREESH E
212224106114
CGPA: 8.88



SHERLIN JERO S
212224106100
CGPA: 8.88



DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ELECTRONICS AND COMMUNICATION ENGINEERING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)****SHUBHAMATHI M**
E12224100102
8.88**SUSHRITHA K**
E12224100178
8.88**HALEEMA HEAVEIKA M**
E12224100059
8.82**VINUTHA GREESH A K**
E12224100197
8.82**DIVYA SRI VARSHANTI**
E12224100038
8.80**HARSHINI S A**
E12224100037
8.80**PREETHI M**
E12224100133
8.78**NEHA KARTHIYANTHI**
E12224100043
8.73**ARCHANA M**
E12224100015
8.69**DIVYA E**
E12224100000
8.68**SMARINI R**
E12224100190
8.68**EVELYN RICHA M**
E12224100042
8.67**MATHI IRENE B**
E12224100101
8.67**SHERIN THIRU S**
E12224100197
8.67**VAAZHINI R**
E12224100190
8.67**ANILESH V**
E12224100001
8.65**HARSHVAN P S**
E12224100008
8.65**MADHUSMA B**
E12224100002
8.65**ELAMBIRAI
ANIL YADVELAN**
E12224100003
8.63**NANDINI S**
E12224100003
8.63

DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ELECTRONICS AND COMMUNICATION ENGINEERING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)**

SAIYO S B
E12224100149
8.01



DHARANI K C
E12224100019
8.59



MAHDHARUMARE
E12224100105
8.59



VOGALAKSHMI T
E12224100183
8.59



SANDHINI V
E12224100010
8.55



HEMALATHA P
E12224100000
8.55



KALAVANI D
E12224100059
8.55



RAGARIVA S
E12224100118
8.55



DHARSHINI RANGASATHAN B
E12224100002
8.51



KAVITA SHREE O A
E12224100000
8.51



MANU MARIA J
E12224100095
8.51



MANOJKUMAR M
E12224100099
8.51



VINUTHA V J
E12224100189
8.51



DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ARTIFICIAL INTELLIGENCE & DATA SCIENCE
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)****PAVITHRA C**
S1224243153
9.34**DEEPA LAKSHMI V**
S1224243088
9.00**SWATHI S**
S1224243353
9.00**SANTHI
VARUNJEETHA E**
S1224243387
9.04**SANGAMITHRA
GILLIBABU**
S1224243194
9.22**PRIYANKA S**
S1224243106
9.02**SNEHA R**
S1224243055
9.00**SANJANA J**
S1224243196
9.00**SANJANA T**
S1224243197
9.04**SAI CHAITANYA**
S1224243078
9.04**MONIKA M**
S1224243337
8.94**LIPIKA C**
S1224243108
8.92**DIVYA R**
S1224243046
8.90**MANOHARASH S**
S1224243120
8.90**PRIYADARSHINI K**
S1224243161
8.90**ELAKYA C**
S1224243051
8.80**DURGA THARSHINI A**
S1224243049
8.84**HARISHKUMAR S K**
S1224243072
8.84**PRIYADARSHINI K**
S1224243185
8.84**HARITHA S**
S1224243075
8.82

DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ARTIFICIAL INTELLIGENCE & DATA SCIENCE
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)****SRI YASHINI S R.**
SIS234243228
8.80**AISHWARYA K.**
SIS234243011
8.78**RAKHI D.**
SIS234243071
8.78**MARCELL JAMES
SAGIEL S.**
SIS234243122
8.78**RAKSHANA S.**
SIS234243110
8.78**VEDHAVALLIS R.**
SIS234243145
8.76**CATHERINE CHRISTINA F.**
SIS234243051
8.75**GAYATHRI K.**
SIS234243061
8.75**JAYA SRI J.**
SIS234243052
8.75**AARTHY M.**
SIS234243001
8.71**JADHITHA K S.**
SIS234243077
8.71**SURENKA F.**
SIS234243222
8.71**SHERIN OVIYA.**
SIS234243211
8.69**JISHU MANRAJ C.**
SIS234243038
8.67**VIVEEN RAJU.**
SIS234243259
8.67**MUTHULAKSHMI K.**
SIS234243340
8.65**HARISH CHRISTO J F.**
SIS234243074
8.63**MEETHULA J.**
SIS234243197
8.62**DHRUVI T K.**
SIS234243110
8.62**MAHESHWARAN A.**
SIS234243110
8.61

DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ARTIFICIAL INTELLIGENCE & DATA SCIENCE
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)****KHUSAL K V**
SID24243104
8.58**NAREENDRA
PRASAD E**
SID24243143
8.58**POOJA S**
SID24243155
8.58**SONITH L E**
SID24243180
8.58**SAIHTROSH S**
SID24243301
8.58**MISSMA C**
SID24243118
8.57**SADHANA H**
SID24243158
8.57**AMRITHA PRIYA A**
SID24243115
8.55**GARCIA MESSY F**
SID24243108
8.55**THEJASWINI M**
SID24243241
8.55**TESSA RENANCIA A**
SID24243244
8.55**MAHALAKSHMI S**
SID24243214
8.55**NAVEEN KUMAR A**
SID24243144
8.55**PADMA PRIYA R**
SID24243150
8.55**PAVITHRA E**
SID24243102
8.55**PRIYANKA J**
SID24243124
8.55**SAMITHA S**
SID24243119
8.55**SIDDHIJA A**
SID24243218
8.55**SRI RAM MOORTHY S**
SID24243220
8.53**BALAJIHARIHARA
SUDHAN A**
SID24243028
8.51**JEEVAN HINGALES J**
SID24243080
8.51**KEERTHI G**
SID24243098
8.51**KASARATHUAM V A**
SID24243182
8.51**SWATHY M**
SID24243238
8.51

DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR ELECTRICAL & ELECTRONICS ENGINEERING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)**NERISHA K
212224106003
8.06LATHIKA M
212224106002
8.04DEEPALAKSHMI S
212224106004
8.02DEEPTHI B V
212224106006
8.04IRFANA NAZMEEN J
212224106042
8.94GODAVARI K
212224106109
8.82PURUSHOTHAMAN K
212224106009
8.82SUSHITHA D
212224106108
8.72ANVITHARAN V
212224106012
8.69RAJULKRISHNAN V
212224106009
8.68NISHABU D
212224106004
8.67JANANE AROKYA J
212224106047
8.62JOSHUA JAMES
212224106004
8.62KALPESHA V
212224106007
8.62VISHAL A
212224106120
8.62MANIKANDAN M
212224106002
8.61PADMA MUNESWARI D
212224106008
8.61

DEPARTMENT OF SCIENCE*Congratulations***FIRST YEAR CHEMICAL ENGINEERING
(BATCH 2024-2028)****Toppers (8.5 CGPA and Above upto II Semester)**

GOKULALAKSHMI AG
312324203013
8.55



KAUSHIKKA J
312324203021
8.29



ANANTHA KUMARI M
312324203006
8.00



SINDHUKAVI S
312324203045
8.96



VIJAY A DHARSHINI S
312324203058
8.96



DAKSHIN KIRAN K.
312324203010
8.54



NIKHIL B.
312324203039
8.90



SAKTHIVEL M
312324203037
8.85



ABHIITH KANNA A M
312324203001
8.71



SASMITA R
312324203040
8.71



SHYAM KRITHIK A
312324203044
8.69



MAHALAKSHMI M
312324203024
8.87



NIVETHA S
312324203031
8.65



UVARAJAN M
312324203054
8.56



STAFF ACHIEVEMENTS

RESEARCH PUBLICATIONS



Dr. P. Saravanan
ASSOCIATE PROFESSOR & HEAD

Dr. P. Saravanan, Associate Professor and Head in the Department of Science, co-authored a review article titled "Hydrogen in Transport: A Review of Opportunities, Challenges, and Sustainability Concerns", published in RSC Advances in June 2025. The article provides an interdisciplinary analysis of hydrogen's role in sustainable transportation, covering storage technologies, fuel systems, policy frameworks, and environmental impact. DOI: 10.1039/d3ra02918j.



Dr. S. Suresh
ASSOCIATE PROFESSOR

Dr. S. Suresh, Associate Professor from the Department of Science, authored a research article entitled "An Efficient Biphasic $\text{MoO}_3/\text{ZrO}_2$ Catalyst for Visible Light-Driven Photocatalytic Degradation of Methylene Blue: Reusability and Detoxity Assessment," which was published in the journal Physica Status Solidi A in July 2025. The article is available online at <https://doi.org/10.1002/pssa.202500169>.



Dr. K. Jayamoorthy
ASSOCIATE PROFESSOR

Dr. K. Jayamoorthy, Associate Professor in the Department of Science, authored a review article titled "A Comprehensive Overview of Titanium Dioxide for Sensor and Medicinal Applications", published in the Microchemical Journal in July 2025. The paper highlights the diverse applications of titanium dioxide in sensor technology and medical science, emphasizing its multifunctional properties. DOI: 10.1016/j.microc.2025.114518.



Dr. K. Jayamoorthy
ASSOCIATE PROFESSOR

Dr. K. Jayamoorthy, Associate Professor from the Department of Science, authored a research paper titled "Integrated experimental and in silico studies on thiophene carboxamide derivatives: synthesis, characterization, and biological evaluation," which was published in the Journal of the Iranian Chemical Society on 15 July 2025. The publication is available online at <https://doi.org/10.1007/s13738-025-03248-2>.



Dr. K. Jayamoorthy
ASSOCIATE PROFESSOR

Dr. K. Jayamoorthy, Associate Professor in the Department of Chemistry, has published a research article titled "Synthesis, molecular structure characterization, and in vitro and in silico investigations of heterocyclic N-butylamide-substituted carboxamides" in the journal Chemical Papers. The article was made available online on 23rd July 2025 and can be accessed via the DOI: <https://doi.org/10.1007/s11696-025-04239-6>.

STAFF ACHIEVEMENTS**RESEARCH PUBLICATIONS****Dr. B. Subash**
ASSOCIATE PROFESSOR

Dr. B. Subash, Associate Professor in the Department of Science, co-authored a research article titled "Modern Screen-Printed Carbon Electrodes Modified with Multilayered Double Transition Metals Carbides (MXenes) for Ascorbic Acid Detection in Urine and Sweat Samples", published in the Journal of Molecular Structure in May 2025. The study focuses on the development of advanced MXene-modified electrodes for highly sensitive and accurate ascorbic acid detection. DOI: [10.1016/j.molstruc.2025.142738](https://doi.org/10.1016/j.molstruc.2025.142738),

**Dr. A. Dhivya**
ASSISTANT PROFESSOR

Dr. A. Dhivya, Assistant Professor in the Department of Science, has authored a research article titled "Structural, Spectral, and Biological Investigations of Photosynthesized Selenium-Doped CaO Nanoparticles: Experimental and Theoretical Studies." The article was published in the journal Chemistry Select and is available online at the DOI: <https://doi.org/10.1002/slct.202405776>.

**Dr. K. Dhanaraj**
ASSISTANT PROFESSOR

Dr. K. Dhanaraj, Assistant Professor in the Department of Science, has authored a research paper titled "Ti-doped hydroxyapatite nanorods from the Crassostrea angulata waste shell: cell-viability and antibacterial activity," which has been published in the journal Transition Metal Chemistry. The article was published online on 23rd July 2025 and is accessible via the DOI: <https://doi.org/10.1007/s11243-025-00676-0>.

RESEARCH PATENTS**Dr. C. Chandrasatheesh**
ASSISTANT PROFESSOR

Dr. C. Chandrasatheesh, Assistant Professor in the Department of Science, has published an Indian patent titled "A System and Method for Catalytic Conversion of Biomass to Liquid Hydrocarbons Using Zeolite-Based Catalysts," which was officially published on 11th July 2025.

**Dr. J. Sharmila**
ASSISTANT PROFESSOR

Dr. J. Sharmila, Assistant Professor in the Department of Science, published an Indian patent titled "Colorimetric Sensor System and Method for Rapid Detection of Heavy Metal Ions in Aqueous Environments", which appeared in The Patent Office Journal No. 28/2025 on 11th July 2025.

STAFF ACHIEVEMENTS

OFFLINE FACULTY DEVELOPMENT PROGRAM



Dr. V. Swarnalatha

ASSISTANT PROFESSOR



Dr. A. Uma Devi

ASSISTANT PROFESSOR



Dr. J. Sharmila

ASSISTANT PROFESSOR



Mrs. S. Savitha

ASSISTANT PROFESSOR

Dr. V. Swarnalatha, Dr. A. Uma Devi, Dr. J. Sharmila and Mrs. S. Savitha, (Assistant Professors from the Department of Science) actively participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program held at Meenakshi College of Engineering. The FDP, titled "Recent Trends in Sustainable Practices of Water Management and Soil Conservation", was conducted from 23rd to 28th June 2025. This training program offered valuable knowledge on academic excellence strategies and sustainable environmental practices, contributing to the professional development of the faculty.



Dr. N. R. Rajagopalan

ASSOCIATE PROFESSOR



Dr. S. Rama

ASSISTANT PROFESSOR



Dr. G. Sasikumar

ASSISTANT PROFESSOR

Dr. N. R. Rajagopalan (Associate Professor), Dr. G. Sasikumar (Assistant Professor), and Dr. S. Rama (Assistant Professor) from the Department of Science successfully participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program held at Jerusalem College of Engineering. The FDP, titled "Accreditation, Ranking, and NEP: Strategies for Academic Excellence", was conducted from 14th to 19th July 2025. This training program offered valuable knowledge on academic excellence strategies and sustainable environmental practices, contributing to the professional development of the faculty.

STAFF ACHIEVEMENTS

OFFLINE FACULTY DEVELOPMENT PROGRAM



Dr. G. Senthil Murugan
ASSISTANT PROFESSOR

Dr. G. Senthil Murugan, Assistant Professor in the Department of Science, successfully participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Multidisciplinary Applications of Artificial Intelligence, IoT, and Robotics Integration with Industry 5.0." The program was conducted by PERI Institute of Technology from 7th July to 12th July 2025.

CERTIFICATES



STAFF ACHIEVEMENTS**CEEE Program – Faculty Members' Accomplishment**

At IIT Madras (23rd June to 4th July 2025, Civil and Environmental Engineering)

Dr. S. Kiruba, Dr. N. R. Rajagopalan, Dr. S. Manikandan, Dr. K. Jayamoorthy, Dr. B. Subash, Dr. S. Rama, and Dr. G. Sasikumar successfully completed the Centre of Engineering Education Excellence (CEEE) Program 2025 organized by AICTE.



At IIT Delhi (23rd June to 4th July 2025, Materials, Chemical, and Biomedical Engineering)

Dr. P. Krishnan, Dr. K. Dhanaraj, and Dr. A. Dhiuya participated and completed the CEEE Program under the domain of Materials, Chemical, and Biomedical Engineering.



STAFF ACHIEVEMENTS**CEEE Program – Faculty Members' Accomplishment**

At IIT Kharagpur (30th June to 11th July 2025, Materials, Chemical, and Biomedical Engineering)

Dr. P. Saravanan, Associate Professor and Head, and Mrs. S. Savitha, Assistant Professor, successfully completed the program in their respective domain.



At IIT Kanpur (7th July to 18th July 2025, Civil and Environmental Engineering):

Dr. S. Suresh, Dr. A. Arulmozhi, Dr. V. Swarnalatha, Dr. A. Mahalakshmi, Dr. A. Uma Devi, Dr. J. Sharmila, Dr. N. Punitha, Dr. S. M. Prakash, and Dr. C. Chandrasatheesh successfully participated in the program conducted under the Civil and Environmental Engineering domain.



STAFF ACHIEVEMENTS

Professional Recognitions and Certifications



Dr. P. Saravanan

ASSOCIATE PROFESSOR & HEAD



Dr. P. Saravanan, Associate Professor and Head of the Department of Science, served as the Conference Chair for the Second International Conference on Management, Science & Technology (ICMST-II). The conference was jointly organized by the Department of Computer Science, RBVRR Women's College, Hyderabad, and the Global Conference Hub, Coimbatore. The event was conducted online on 26th and 27th July 2025.

Dr. P. Saravanan, Associate Professor and Head from the Department of Science, received an Appreciation Award for his valuable collaboration and support in the International Conference on Innovations in Materials Science, Technology, Engineering and Management for Sustainable Development (IMSTEM) – 2025, held on 30th and 31st March 2025. The award was presented by ECLearnix EdTech and RSP Science Hub, Coimbatore, in recognition of his contribution toward advancing global knowledge collaboration.



STAFF ACHIEVEMENTS

Professional Recognitions and Certifications



Dr. K. Jayamoorthy

ASSOCIATE PROFESSOR



Dr. K. Jayamoorthy, Associate Professor in the Department of Science, presented an invited lecture on "Advanced Functional Materials" at the 8th International Conference on Recent Innovations in Modern Science and Technology (ICRIMST-2025). The conference took place at Sri Sivasubramaniya Nadar College of Engineering, Chennai, from July 9 to 11, 2025.

Dr. K. Jayamoorthy, Associate Professor in the Department of Science, served as a session chair at the 8th International Conference on Recent Innovations in Modern Science and Technology (ICRIMST-2025), held from July 9 to 11, 2025. The conference was organized by the Department of Physics, Chemistry, and SSN Research Centre, SSN Institutions, Chennai, in association with Elavenil Science Association, Indian Association for Crystal Growth (IACG), Indian Spectro Physics Association (ISPA), and The Society for Polymer Science, India (SPSI) – Chennai Chapter.



STAFF ACHIEVEMENTS

Professional Recognitions and Certifications



Dr. N. R. Rajagopalan

ASSOCIATE PROFESSOR



Dr. N. R. Rajagopalan, Associate Professor in the Department of Science, delivered an invited talk on "Social Issues and the Environment: A Sustainable Approach" at the International Conference on Recent Trends in Engineering and Management (RTEM-2025), organized by Newrains, held from June 28-30, 2025.



Dr. K. Dhanaraj

ASSISTANT PROFESSOR



Dr. K. Dhanaraj, Assistant Professor in the Department of Science, delivered an invited lecture on the topic "Nano materials applications in Health sector" at the International Conference on Green Chemistry and Nanotechnology: Health, Environment & Beyond - GreenNano2025. The event was organized by the Department of Chemistry and Forensic Science, R.B.V.R.R Women's College, Hyderabad, Telangana, in association with the Institute of Innovations, Tiruvannamalai, Tamil Nadu, and was held on 24th and 25th July 2025.



STAFF ACHIEVEMENTS**NOTABLE CERTIFICATIONS****Research Scholars Admission - June 2025 Session****Date: 31st July 2025**

Faculty members from the Department of Science have been recognized as supervisors for Ph.D. scholars under the June 2025 session:

**Dr. P. Saravanan**

ASSOCIATE PROFESSOR & HEAD

**Research Scholars -1
(Part-time)****Dr. P. Krishnan**

ASSOCIATE PROFESSOR

**Research Scholars-2
(Full-time)****Dr. B. Subash**

ASSOCIATE PROFESSOR

**Research Scholars-1
(Full-time)**

The department congratulates the faculty for their continued contribution to research and scholarly guidance.

CONGRATULATIONS

STAFF ACHIEVEMENTS

NOTABLE CERTIFICATIONS



Dr. S. Suresh

ASSOCIATE PROFESSOR

Dr. S. Suresh, Associate Professor in the Department of Science, participated and presented a paper titled "FTIR and DSC Analysis of Protein and Carbohydrate – Silver Oxide Nanoparticles" at the 8th International Conference on Recent Innovations in Modern Science and Technology (ICRIMST-2025), held at Sri Sivasubramaniya Nadar College of Engineering, Chennai, from 9th to 11th July 2025.



Dr. S. Suresh, Associate Professor from the Department of Science, received a Letter of Appreciation from Anand Institute of Higher Technology for his invaluable contributions and expert guidance during the Second Board of Studies meeting held on 10th July 2025. His inputs significantly enhanced the institution's academic programs, reflecting his continued dedication to academic excellence.



STAFF ACHIEVEMENTS

NOTABLE CERTIFICATIONS



Dr. J. Sharmila
ASSISTANT PROFESSOR

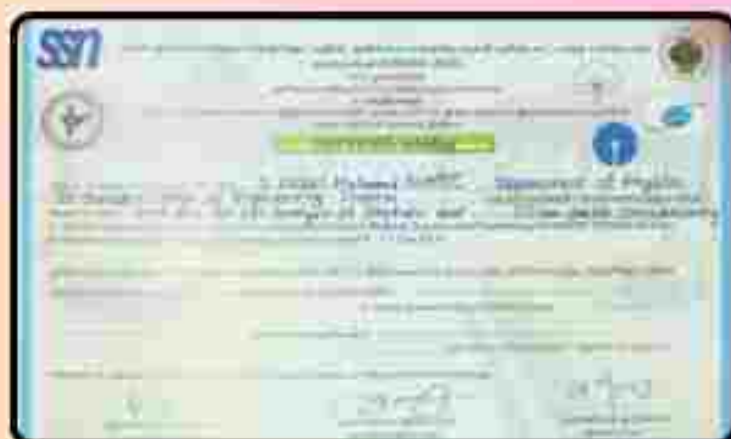
Dr. J. Sharmila, Assistant Professor in the Department of Science, successfully participated in the National-Level Online Workshop on "Application Development with AI & Essential Skills", organized by St. Joseph's College of Engineering in association with Brainovision Solutions India Pvt. Ltd. and in collaboration with AICTE. The workshop was held from June 23 to June 27, 2025.

Dr. J. Sharmila, Assistant Professor in the Department of Science, co-authored a book chapter titled "Adaptive Strategies in Online Marketing Using Machine Learning Techniques", published by IGI Global in 2025. The chapter highlights emerging machine learning approaches that improve the effectiveness of online marketing. DOI: 10.4018/979-8-3693-4466-8.ch004.



Mr. S. Kaleel Mohamed Ibrahim
ASSISTANT PROFESSOR

Mr. S. Kaleel Mohamed Ibrahim, Assistant Professor in the Department of Science, participated and presented a paper titled "FTIR and 2D-COS Analysis of Protein and Silver Oxide Nanoprimering" at the 8th International Conference on Recent Innovations in Modern Science and Technology (ICRIMST-2025), held at Sri Sivasubramaniya Nadar College of Engineering, Chennai, from 9th to 11th July 2025.



STAFF ACHIEVEMENTS

NOTABLE CERTIFICATIONS



Dr. P. Krishnan

ASSOCIATE PROFESSOR

Dr. P. Krishnan, Associate Professor in the Department of Science, participated in the Two-Day National Conference on "Road Map to Viksit Bharat – A Multi-Disciplinary Approach" held on July 26-27, 2025, at VIT Chennai. The event was organized by the Tamil Nadu Higher Education Teachers Association (THETA) in association with VIT Chennai, and affiliated to Akhil Bharatiya Rashtriya Shaikshik Mahasangh (ABRSM), New Delhi.



Dr. K. Dhanaraj

ASSISTANT PROFESSOR

Dr. K. Dhanaraj, Assistant Professor in the Department of Science, participated in the Two-Day National Conference on "Road Map to Viksit Bharat – A Multi-Disciplinary Approach" held on July 26-27, 2025, at VIT Chennai. The event was organized by the Tamil Nadu Higher Education Teachers Association (THETA) in association with VIT Chennai, and affiliated to Akhil Bharatiya Rashtriya Shaikshik Mahasangh (ABRSM), New Delhi.



STAFF ACHIEVEMENTS

Journal Reviewing certifications

S.No	Name of the staff	Journal reviewed	No. of Article	Month
1	Dr. S. Suresh (Associate Professor)	ACS Applied Nano Materials	1	JULY
		Physica status solidi (a)- Applications and materials science	1	
2	Dr. N. R. Rajagopalan (Associate Professor)	Physics and Chemistry of the Earth, Parts A/B/C	1	JULY
3	Dr. K. Jayamoorthy (Associate Professor)	Journal of Molecular Structure	2	JULY
		Materials Science in Semiconductor Processing	1	
		Separation and Purification Technology	1	
		Journal of Photochemistry & Photobiology, A_ Chemistry	2	
4	Dr. B. Subash (Associate Professor)	Journal of Nanoparticle Research	1	JULY
		Discover Materials	1	
5	Dr. A. Dhivya (Assistant Professor)	BMC Plant Biology	1	JULY

Thank you

