



# Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**  
Approved by **AICTE**  
Accredited by **NAAC** with **A+** Grade  
6 Programs Accredited by **NBA**  
(CSE, ISE, ECE, EEE, MECH, CV)

|                                   |                                 |                                                                                    |
|-----------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Faculty Name                      | <b>SOUMYA GEORGE</b>            |  |
| Academic Designation              | <b>Assistant Professor</b>      |                                                                                    |
| Educational Qualification         | <b>M.Tech</b>                   |                                                                                    |
| Experience in Teaching & Industry | <b>4.5 years</b>                |                                                                                    |
| Date of Joining                   | <b>21/7/2025</b>                |                                                                                    |
| Official Email ID                 | <b>Soumya-aiml@dsatm.edu.in</b> |                                                                                    |
| Employee ID                       | <b>180870</b>                   |                                                                                    |

## Educational Details

- PhD(Pursuing)-Karunya University
- M.tech from Mahatma Gandhi University,Kerala
- B.Tech from Mahatma Gandhi University,Kerala

## Professional Experience

- Currently working as an Assistant Professor in the Department of Artificial Intelligence and Machine Learning (AIML) at Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru.
- Worked as an Assistant Professor at APS College of Engineering, Bengaluru.
- Worked as an Assistant Professor at Vivekananda College of Engineering and Technology.
- Worked as an Assistant Professor at AMC Engineering College, Bengaluru.

## Publications

**Scopus Indexed Publications:**

1.Navya, V. K., Jacob, N., Sindhu, K., George, S., & Joseph, S. (2025). A Cost-Effective system for monitoring the quality of air and its purification in closed spaces. In Lecture notes in networks and systems (pp. 297–307). [https://doi.org/10.1007/978-981-96-0924-6\\_24](https://doi.org/10.1007/978-981-96-0924-6_24)

2.Novy Jacob,Soumya George,Deepa Mathew K,Rooby M,Laxmi .Content-Based Image Retrieval using Deep Learning for Medical Images.2025 1<sup>st</sup> International Conference on Advancement in Futuristic Technologies(ICAFT) | 979-8-3315-7159-7/25/\$31.00 ©2025 IEEE | DOI: 10.1109/ICAFT66710.2025.11453061

3.Balaji Salem Balasundram, Yogesh Ramaswamy, Balpreet Singh, Jaishankar Bhatt, Prabhakar Bhandari,Secure Software defined Networking Using MI Driven Threat Prediction (ICBDML) | 979-8-3195-3091-2/26/\$31.00 ©2026 IEEE | DOI: 10.1109/ICBDML68582.2026.11545136

#### **International Conferences:**

1.Novy Jacob,Soumya George,Deepa Mathew K,Rooby M,Laxmi .Content-Based Image Retrieval using Deep Learning for Medical Images.2025 1<sup>st</sup> International Conference on Advancement in Futuristic Technologies(ICAFT) | 979-8-3315-7159-7/25/\$31.00 ©2025 IEEE | DOI: 10.1109/ICAFT66710.2025.11453061

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| <b>Conference Attended</b>                                                                                                                                                                                                   |
| 1.International Conference on Advancement in Futuristic Technologies                                                                                                                                                         |
|                                                                                                                                                                                                                              |
| <b>Academic Activity</b>                                                                                                                                                                                                     |
| 1.Department Website Coordinator, Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru<br>2. Department Social Media Coordinator, Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru |
| <b>Faculty Development Activity/Workshops</b>                                                                                                                                                                                |
| 1.APEX Faculty Development Program on Artificial Intelligence<br>2.AI for Educators                                                                                                                                          |
| <b>Contact Details</b>                                                                                                                                                                                                       |
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