



Mar Athanasius College (Autonomous), Kothamangalam, Kerala, India  
**International Conference on Methods in Data Science**  
**MIDAS-25**



7–9 January 2026

**PROGRAMME SCHEDULE**

**Day 1 — Wednesday, 7 January 2026**

Venue(s): Baslios Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:00–09:45	<b>Registration</b> Venue: <b>Indoor Stadium</b>
09:45–10:45	<b>Inauguration</b> Chief Guest: <b>Prof. (Dr.) Avinash Chandra Pandey</b> Director, Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi  Presided by: <b>Dr. Winny Varghese</b> Secretary, Mar Athanasius College Association  Venue: <b>Indoor Stadium</b>
10:45–11:05	<b>Group Photo Session &amp; Tea Break</b>
11:05–12:00	<b>Guest of Honour Keynote Talk (50 min + 5 min)</b> Speaker: <b>Prof. (Dr.) Avinash Chandra Pandey</b> Director, Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi  Topic: <b>Artificial Intelligence and Machine Learning: A Physical and Mathematical Perspective</b>  Session Chair: <b>Prof. (Dr.) Mailadil T. Sebastian</b> (Rtd.) CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, India  Venue: <b>Indoor Stadium</b>
12:05–13:00	<b>Keynote Talk (50 min + 5 min)</b> Speaker: <b>Dr. Utpal Chakraborty</b> GAHNA AI Lab (ExorionAI), India  Topic: <b>Generative and Agentic AI - Redefining Data Science Methods for Autonomous, Trustworthy Intelligence</b>  Session Chair: <b>Dr. Joby Antony</b> Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi  Venue: <b>Indoor Stadium</b>



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13:00–14:00	<b>Lunch Break</b> Venue: <b>Indoor Stadium</b>
14:00–14:50	<b>Plenary Talk 1 (45 min + 5 min)</b> Speaker: <b>Prof. (Dr.) Gijo E. V.</b> Statistical Quality Control & Operations Research Division, Indian Statistical Institute, Bangalore, India  Topic: <b>Digital Transformation in Quality: A Data Science - Enabled Integration of Industry 4.0 Technologies into DMAIC</b>  Session Chair: <b>Dr. Uchenna Daniel Ani</b> School of Computer Science and Mathematics, Keele University, United Kingdom  Venue: <b>Students' Centre</b>
14:55–15:45	<b>Plenary Talk 2 (45 min + 5 min)</b> Speaker: <b>Dr. Divya Sindhu Lekha</b> Indian Institute of Information Technology, Kottayam, India  Topic: <b>Recurrence Networks for the Analysis of Nonlinear Dynamics: Brain to Climate Systems</b>  Session Chair: <b>Dr. Norma Alias</b> Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia  Venue: <b>Students' Centre</b>
15:45–16:00	<b>Tea Break</b>
16:00–17:30	<b>Contributory Paper Session (4 Parallel Venues)</b> Venues: <b>Students' Centre, MP Varghese Library Seminar Hall, Academic Block (Rooms 153 and 227)</b> Format: [7+3 min]



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**Day 2 — Thursday, 8 January 2026**

Venue(s): Baseline Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:45–10:35	<p><b>Plenary Talk 3 (45 min + 5 min)</b></p> <p>Speaker: <b>Dr. Norma Alias</b> Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia</p> <p>Topic: <b>The Geometric Foundation of Modern Data Science: From Linear Algebra to Topological Inference</b></p> <p>Session Chair: <b>Prof. (Dr.) Phool Singh</b> School of Engineering &amp; Technology, Central University of Haryana, India</p> <p>Venue: <b>Students' Centre</b></p>
10:35–11:00	<b>Tea Break</b>
11:00–11:50	<p><b>Plenary Talk 4 (45 min + 5 min)</b></p> <p>Speaker: <b>Dr. Uchenna Daniel Ani</b> School of Computer Science and Mathematics, Keele University, United Kingdom</p> <p>Topic: <b>Socio-Technical Data-Driven Science Methods for Cyber-Resilient Organisations: Integrating People, Processes, and Technology</b></p> <p>Session Chair: <b>Prof. (Dr.) Vinod Kumar PB</b> Muthoot Institute of Technology and Science, Kochi, India</p> <p>Venue: <b>Students' Centre</b></p>
11:55–12:45	<p><b>Plenary Talk 5 (45 min + 5 min)</b></p> <p>Speaker: <b>Dr. Joby Antony</b> Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi</p> <p>Topic: <b>Power of GPUs for Parallel Computing and AI: IUAC–PARAM Rudra Supercomputer and Other GPUs</b></p> <p>Session Chair: <b>Dr. Norma Alias</b> Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia</p> <p>Venue: <b>Students' Centre</b></p>



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12:45–13:45	<b>Lunch Break</b> Venue: <b>Indoor Stadium</b>
13:45–14:35	<b>Plenary Talk 6 (45 min + 5 min)</b> Speaker: <b>Prof. (Dr.) Phool Singh</b> School of Engineering and Technology, Central University of Haryana, India  Topic: <b>Computational Imaging Using Mathematical Transforms</b>  Session Chair: <b>Dr. Uchenna Daniel Ani</b> School of Computer Science and Mathematics, Keele University, United Kingdom  Venue: <b>Students' Centre</b>
14:40–15:30	<b>Plenary Talk 7 (45 min + 5 min)</b> Speaker: <b>Prof. (Dr.) Vinod Kumar P. B.</b> Muthoot Institute of Technology and Science, Kochi  Topic: <b>Dynamic metric spaces and data analysis</b> - Session Chair: <b>Dr. Joby Antony</b> Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi  Venue: <b>Students' Centre</b>
15:30–15:45	<b>Tea Break</b>
15:45–17:30	<b>Contributory Paper Session (4 Parallel Venues)</b> Venues: <b>Students' Centre, MP Varghese Library Seminar Hall, Academic Block (Rooms 153 and 227)</b> Format: [7+3 min]



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**Day 3 — Friday, 9 January 2026**

Venue(s): Baseliros Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:45–10:35	<p><b>Plenary Talk 8 (45 min + 5 min)</b></p> <p>Speaker: <b>Mr. Benzi Alex Mathew</b> Clinical AI &amp; Analytics Solutions (CAAS), Saama Technologies, USA</p> <p>Topic: <b>How GenAI Agents are assisting Statisticians and Stats Programmers (Data Scientists) accelerate Pharma Clinical Development</b></p> <p>Session Chair: <b>Prof. (Dr.) Vinod Kumar P.B.</b> Muthoot Institute of Technology and Science, Kochi, India</p> <p>Venue: <b>Students' Centre</b></p>
10:35–11:00	<p><b>Tea Break</b></p>
11:00–11:50	<p><b>Plenary Talk 9 (45 min + 5 min)</b></p> <p>Speaker: <b>Dr. Anna V. Nartova</b> Novosibirsk State University, Novosibirsk; Boreskov Institute of Catalysis SB RAS, Russia</p> <p>Topic: <b>Application of Artificial Neural Networks in the Analysis of Microscopy Data</b></p> <p>Session Chair: <b>Prof. (Dr.) Vinod Kumar P.B.</b> Muthoot Institute of Technology and Science, Kochi, India</p> <p>Venue: <b>Students' Centre</b></p>
11:55–12.45	<p><b>Plenary Talk 10 (45 min + 5 min)</b></p> <p>Speaker: <b>Prof. (Dr.) E. I. Abdul Sathar</b> Department of Statistics, University of Kerala, Thiruvananthapuram, India</p> <p>Topic: <b>Modeling Past Uncertainty in Dependent Systems Using Bivariate Dynamic Inaccuracy Measures</b></p> <p>Session Chair: <b>Dr. Joby Antony</b> Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi</p> <p>Venue: <b>Students' Centre</b></p>



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12:45–13:45	<b>Lunch Break</b> Venue: Indoor Stadium
13:30–14:30	<b>Contributory Paper Session–3 (2 Parallel Venues)</b> Venues: Students' Centre, Academic Block (Room 153) Format: 7+3 min
14:30–15:30	<b>Panel Discussion: Academia–Industry Collaboration in Data Science &amp; AI</b> Theme: AI in Education and Industry: Methods and Skills Venue: Students' Centre
15:30–16:00	<b>Valedictory Function</b> Certificates Distribution · Closing Remarks Venue: Students' Centre
16:00	<b>Tea</b>