



SDM INSTITUTE OF TECHNOLOGY

UJIRE (D. K.) – 574 240

Managed by Shri Dharmasthala Manjunatheshwara Educational Society (R.), Ujire

Internal Quality Assurance Cell

in association with

Department of Basic Science and Library

&

Research and Development Cell

Organize

FIVE DAY NATIONAL LEVEL

FACULTY DEVELOPMENT PROGRAMME

on

Next-Generation Academia:

AI-Enabled Teaching,
Research and Innovation

Hybrid Mode

Date: 18th to 22nd August 2026

Venue: SDM Institute of Technology, Ujire



About the Institute

SDM Institute of Technology (SDMIT) is aimed at imparting quality education blended with traditional values to ensure the holistic development of students. Dr. D. Veerendra Heggade, Dharmadhikari, Shree Kshetra Dharmasthala and President, SDME Society, the visionary behind the ventures of the management, firmly believes that education is the key to socio-economic growth in rural communities. With this mission in mind, the institute was established in a rural location in 2007 at Ujire, which is about 65 km away from Mangaluru.

Programmes offered:

- Computer Science Engineering
- Information Science Engineering
- Electronics and Communication Engineering
(Accredited by NBA : 2026-28)
- Artificial Intelligence and Data Science
- Electrical and Electronics Engineering
- Civil Engineering
- Research centres affiliated to VTU Belagavi

About IQAC

The Internal Quality Assurance Cell (IQAC) at SDMIT serves as the cornerstone of academic and administrative excellence, fostering a culture of continuous improvement across all institutional processes. Dedicated to enhancing quality standards, IQAC drives innovation in teaching-learning methodologies, research, and holistic development through regular quality audits, feedback mechanisms, faculty and student development programmes and other capacity-building initiatives.

About the Basic Science Department

The Department of Basic Science at SDMIT provides a strong foundation in Mathematics, Physics, Chemistry, and Humanities, fostering analytical thinking, scientific inquiry, problem-solving, and communication skills essential for engineering education. The department integrates fundamental sciences with interdisciplinary learning and emerging technologies.

About the Library

The library, spanning two floors, is a spacious, well-ventilated, and technology-enabled knowledge centre with a seating capacity of 300. It houses 38,654 print books in 7,394 titles and provides dedicated sections for the Digital Library, Periodicals, Reference Resources, and Reading Areas. The learning resource centre also offers access to 24,955 e-books, 8,196 e-journals, other digital resources & VTU Consortium, DELNET, NITK Surathkal Library and NDLI Memberships.

About Research & Development Cell

The SDMIT Research and Development (R&D) Cell fosters a strong research culture by promoting innovation and interdisciplinary research among faculty and students. It offers PhD programmes in four disciplines (ECE, CSE, ME and EEE) affiliated to VTU Belagavi providing advanced facilities for doctoral studies. It regularly organizes workshops, seminars, FDPs, and research-oriented activities to enhance research capabilities. Intellectual property of the cell is reflected in German patent, Indian patent and several publications in quality journals.

About FDP

This FDP is aimed at providing knowledge on AI-enabled teaching and learning process, manuscript writing for thesis, research papers, research proposals for grants and funding agencies. It will also give the necessary information of peer-reviewed Journals/ Scopus-Indexed Journals/ SCI-Indexed Journals publication process to researchers and academicians for becoming more effective writers. The FDP is open to Faculty Members and Research Scholars of Higher Education Institutions.

Objectives of FDP

- Adopt innovative teaching and learning practices using AI
- Strengthen knowledge of research methodology and Scientific writing
- Effective use of AI tools for research activities and Library Resources
- Navigating national & international grant application processes
- Identify different forms of Intellectual Property Rights and pathways for research commercialization.

PROGRAMME SCHEDULE

Date: 18-08-2026, Tuesday

Time	Sessions
9:00 am – 9:30 am	Registration
9:30 am – 10:00 am	Inauguration
Keynote Address	Dr. K. Satyamoorthy Professor & Director (Research), Shri Dharmasthala Manjunatheshwara University, Dharawad
10:00 am – 11:15 am	
11:15 am – 11:30 am	Tea Break
Technical Session 1	AI Tools for Ideation, Literature Search and Mapping Dr. Rupesh Kumar A. Associate Professor & Chairman, Department of Studies and Research in Library and Information Science, Tumkur University, Tumakuru
11:30 am – 1:00 pm	
1:00 pm – 2:00 pm	Lunch Break
Technical Session 2	AI Tools for Literature Review and Synthesis Dr. Rupesh Kumar A.
2:00 pm – 3:30 pm	
3:30 pm – 3:45 pm	Tea Break
Technical Session 3	AI Tools for Data Analysis and Inferencing Dr. Rupesh Kumar A.
3:45 pm – 5:00 pm	

Date : 19-08-2026, Wednesday

Technical Session 4	From Ideation to Market : Navigating the Indian Startup Boom - I Dr. Sachin S. Bhat Dean (R&D, Consultancy and Entrepreneurship), SMVITM, Bantakal Founder and Managing Director, Alar Innovations Pvt Ltd, Kumta
9:30 am – 11:00 am	
11:00 am – 11:15 am	Tea Break
Technical Session 5	From Ideation to Market : Navigating the Indian Startup Boom - II Dr. Sachin S. Bhat
11:15 am – 1:00 pm	
1:00 pm – 2:00 pm	Lunch Break
Technical Session 6	AI-assisted Writing and Publishing Dr. Sunil M. V. Faculty, Systems & General Management SDM Institute of Management Development, Mysuru
2:00 pm – 3:30 pm	
3:30 pm – 3:45 pm	Tea Break
Technical Session 7	Enhancing Research Efficiency with AI Tools Dr. Sunil M. V.
3:45 pm – 5:00 pm	

Date: 20-08-2026, Thursday

Technical Session 8 9:30 am – 11:00 am	Practical AI Toolkits for the Modern Class Room Dr. Sunil M. V.
11:00 am – 11:15 am	Tea Break
Technical Session 9 11:15 am – 1:00 pm	AI-Enabled Teaching Pedagogy: Designing Active, Adaptive and Experiential Classrooms-I Dr. Mamta Hegde Faculty –HR & OB, SDM Institute of Management Development, Mysuru
1:00 pm – 2:00 pm	Lunch Break
Technical Session 10 2:00 pm – 3:30 pm	AI-Enabled Teaching Pedagogy: Designing Active, Adaptive and Experiential Classrooms-II Dr. Mamta Hegde
3:30 pm – 3:45 pm	Tea Break
Technical Session 11 3:45 pm – 5:00 pm	AI-Enabled Teaching Pedagogy: Designing Active, Adaptive and Experiential Classrooms-III Dr. Mamta Hegde

Date: 21-08-2026, Friday

Technical Session 12 9:30 am – 11:00 am	Research & Innovation for Social Impact Dr. Udaya Bhat K. Professor, Department of Metallurgical and Materials and Engineering NITK, Surathkal
11:00 am – 11:15 am	Tea Break
Technical Session 13 11:15 am – 1:00 pm	Prerequisites Process and Approach for Funding Projects and Funding Agencies Dr. Udaya Bhat K.
1:00 pm – 2:00 pm	Lunch Break
Technical Session 14 2:00 pm – 3:30 pm	From Research Ideas to Funded Impact: Grant Opportunities, Winning Proposals and Global research Pathways-I Dr. Chakravarthula S. K. Raju Associate Professor, Department of Mathematics, SR University, Warangal, Telangana
3:30 pm – 3:45 pm	Tea Break
Technical Session 15 3:45 pm – 5:00 pm	From Research Ideas to Funded Impact: Grant Opportunities, Winning Proposals and Global research Pathways-II Dr. Chakravarthula S. K. Raju

Date: 22-08-2026, Saturday

Technical Session 16 9:30 am – 10.30 am	Introduction to IPR Mr. Praveen Registered Indian Patent Agent, Embware Labs Pvt. Ltd., Bengaluru
10:30 am – 10.45 am	Tea Break
Technical Session 17 10:45 am – 12:00 pm	Patent Process Life Cycle Mr. Praveen
Technical Session 18 12:00 pm – 1.00 pm	Research to Product -I : Motivation & Preparation Dr. Ashok Rao Former Head, Network Project, CEDT, IISc, Bengaluru Director (Academics), GSSS, Mysuru
1:00 pm – 2:00 pm	Lunch Break
Technical Session 19 2:00 pm – 3:30 pm	Research to Product -II : Implementation & Delivery Dr. Ashok Rao
3:30 pm – 4:00 pm	Valedictory
4:00 pm onwards	Tea break and Certificate Distribution

For Registration

Faculties : Rs. 1,000 (Offline)
: Rs. 500 (Online)

<https://forms.gle/WCo89wRUAooxL2dt5>

Research Scholars : Rs. 500



REGISTRATION

Register on or before 15th August 2026.

The Fee shall be paid by DD drawn in favour of
'SDM Institute of Technology' payable at Ujire
or NEFT/Phone Pe/Google Pay/Any UPI (Mention UTR No.)

Account Details

Bank Name : Bank of Baroda
A/C Name : SDM Institute of Technology
Account Type : Current Account
A/c No. : 71370200000244
IFSC Code : BARB0VUJIR (5th Letter is Zero)
Branch : Ujire



PAYMENT

For more details
contact ▶

Dr. Naveen Kumar
9964073856

Dr. Rajatha P. Shetty
9481512626

e-mail : fdpsdmit@sdmit.in

Room and Boarding facility will be provided at SDMIT Hostel on prior request
@ Rs. 200 per day



SDMIT, Ujire



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