

**MAHATMA GANDHI INSTITUTE OF TECHNOLOGY (Autonomous)**

Kokapet(Village), Gandipet(Mandal), Hyderabad - 500075

RESEARCH AND DEVELOPMENT COMMITTEE

Events scheduled from June to December 2023

S.No	Department	Activity related to Research and Consultancy (only)	Description of the Research and Consultancy Activities	Focal Person	Schedule
June					
1	Research & Development Committee/Entrepreneurship Development Cell	Guest Lecture	Entrepreneurship challenges in engineering domain	Prof. N.V Ravikumar IIT Madras	02.06.2023 (Friday) 10.00 AM-1.00 PM
2	Metallurgical & Materials Engineering	Industry summit	Materials & Metallurgical Industry summit	Materials & Metallurgical Industry technical leads	05.06.2023 (Monday) 10.00 AM-1.00 PM
3	ELECTRICAL AND ELECTRONICS ENGINEERING	Online/Offline Webinar/Guest Lecture	POWER CONVERTERS FOR ELECTRIC VEHICLES	Dr.D.Sreenivasa Rao Associate Professor Electrical Engineering Department NIT Warangal	07.06.2023 (Wednesday) 10.00 AM-1.00PM
4	Civil	Conference	National Conference on "Innovations in Civil Engineering through Sustainable Technologies (NICEST'23)	Keynote Speakers 1. Dr. V Srihan Professor & Deputy Dean, NICMAR-CISC, NAC Campus, Kondapur, Hyderabad 2. Dr. Anil Agarwal, Associate Professor, Department of Civil Engineering, IIT Hyderabad. 3. Dr. Arkanitra Kar, Associate Professor, Department of Civil Engineering, BITS Hyderabad. 4. Sri P.Surya Prakash, Founder Director, Satya Vani Projects and Consultants Private Limited (SVPCL), Khairatabad, Hyderabad, Telangana, INDIA. 5. Sri T.Rambabu, Managing Director, UR Ground Engineering Pvt. Ltd., Hyderabad, Telangana, INDIA.	9-10th June, 2023
5	ELECTRICAL AND ELECTRONICS ENGINEERING	Online/Offline Webinar/Guest Lecture	FUNDAMENTALS AND ADVANCED SPEED CONTROL TECHNIQUES OF ELECTRIC MOTOR DRIVE	Dr.T.Vinay Kumar Assistant Professor Electrical Engineering Department NIT Warangal	14.06.2023 (Wednesday) 10.00 AM-12.30 PM
6	Mechatronics, Mechanical Engineering	On line Guest lecture	Mechatronics in Amusement Industry	Dr. P Chandra Sekhar, Technical Director, Technique Design Group	15.06.2023
7	Information Technology	Online Webinar / Guest Lecture	Big Image Processing	Dr. U S N RAJU Associate Professor, NIT Warangal.	23.06.2023 (Friday) 3:00 PM
8	M&H	Two Day National Conference	Relevance of English, Mathematics & Management Sciences to Technical Courses (REMMT-2023)	In view of the Superannuation of Dr. Raji Reddy, Prof&Head, Dept of M&H	23&24 June 2023
9	Computer Science & Engineering	3 Day Workshop	Advanced Robotic Workshop (IOT, Autonomous Robots & Innovation)	RDC Coordinators- CSE department	June/July
July					
10	Metallurgical & Materials Engineering	Offline Guest Lecture	Funding schemes available for materials research in DST/SERB/ARDB/NRB	Prof. Janakiram	19.07.2023 (Wednesday) 10.00 AM-12.30 PM
11	Information Technology	Online Webinar / Guest Lecture	Language Models in NLP: A Comprehensive Overview	Dr. RAMA RAO KVS Tenured Leader, Brane Enterprises, Hyderabad.	22.07.2023 (Saturday) 3:00 PM
12	Mechatronics, Mechanical Engineering	On line Webinar	3D Design of Transformers	L Chandu Design Engineer Thosihba	22.07.2023
13	ECE	Guest Lecture	Research Avenues in IoT and Embedded Systems	Dr.Anupam Sharma, DRDO	July
August					
14	Research & Development Committee	Guest Lecture	Technical & Proposal writing session (lecture, discussion and hands-on)	Prof. M.P. Gururajan IIT Bombay	09.08.2023 (Wednesday) 10.00 AM-12.30 PM
15	Metallurgical & Materials Engineering	Online Lecture	Proposal writing for govt. funding schemes	Dr. L. Ramakrishna, ARCI	12.08.2023(Tuesday) 10.00 AM-12.30 PM

16	Mechanical Engineering, Mechatronics	Industrial Visit	Exposure to the latest developments in the manufacturing technologies	Fluoroshield Equipments Cherlapally Hyderabad	12.08.2023
17	Research & Development Committee	Online Lecture	Funding schemes in DRDO	Senior scientist from DRDO	23.08.2023 (Wednesday) 10.00 AM-12.00 PM
18	ECE	Guest Lecture	Research Trends in Wireless Communications	Prof. AliKhan, IITH	August
19	Computer Science & Engineering	FDP	FDP on "THE MASTER CLASS" AI and NLP	RDC Coordinators- CSE department	August/September
September					
20	ECE	Guest Lecture	Research Trends in Image Processing	To Be Decided	September
21	Civil	Guest Lecture	Guest Lecture-2-Advanced Materials in concrete constructions		Sep/23
October					
22	Metallurgical & Materials Engineering	Materials Research	2 lectures on Materials Research	Academia-1 Research lab-1	Between 9th & 15th October 2023 10.00 AM-12:30 PM
23	Information Technology	Online International Webinar	A Talk on Big Data Analytics	ADITHYA PATHIPAKA Data Engineer, HRS Group, Germany.	20.10.2023 (Friday) 3:00PM
24	ELECTRICAL AND ELECTRONICS ENGINEERING	Online/Offline Webinar/Guest Lecture	EFFECTIVE OUTAGE MANAGEMENT SYSTEM IN POWER DISTRIBUTION SYSTEM-(Role of IEDs and Communication)	Dr. T.Sreedhar ADE SMATGRID SCADA Hyderabad.	20.10.2023(Friday) 10AM-12.30PM
25	Mechanical Engineering, Mechatronics	On line Webinar	Entrepreneurship and building your own startup	Dhruv Rao Kaluvala Founder and business development director, Athena Edtech Pvt Ltd	20.10.2023
26	Computer Science & Engineering	Industrial Visit to T-Hub Hyd/IIT-Hyderabad	To study how Indian startups are Leveraging Tech & the Innovative ways startups are using to Transform Businesses.	RDC Coordinators- CSE department	October
November					
27	Civil	Guest Lecture	Guest Lecture-3-Best Practices in Civil Engineering	To Be Decided	Nov/23
28	ECE	Guest Lecture	Research Avenues in VLSI	To Be Decided	November
29	Computer Science & Engineering	National Conference	National Conference on Artificial Intelligence in Medical Domain	RDC Coordinators- CSE department	November/December
December					
30	ECE	FDP	FDP on "Machine Learning, Deep learning and Reinforcement Learning"	To Be Decided	December
31	Computer Science & Engineering	Industrial Visit to BITS Pilani, Hyderabad campus/IIT-Hyderabad	Visit to see Project Expo	RDC Coordinators- CSE department	December

M. Hanis
Director, RDC

[Signature]
Principal 13/5/23