



Lakshmi Narain College of Technology, Bhopal

LIST OF FACULTY MEMBERS PARTICIPATED IN STTP/FDP EVENTS

Academic Year 2022 - 2023

S.N.	Name of the Faculty	Title of FDP	Duration	No of Days
1	Dr. Soni Changlani	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
2	Dr. Monika Kapoor	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
3	Dr. Laxminarayan Gahalod	FDP on Python	05 02 23 to 11 02 23	7
		Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
4	Dr. M Zahid Alam	Learner Oriented Teaching Methods	05 02 23 to 11 02 23	7
5	Dr. Vijay Yadav	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
6	Mr. Sunny Jain	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
7	Dr. Uma Shankar Kurmi	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
8	Dr. Shravan Kumar Sable	Advanced Feature Of CNC Machine	27 07 23 to 31 07 23	5
		Hands On Experience On Internet Of Things	10 07 23 to 15 07 23	6
9	Mr. Arun Kumar Patel	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
10	Dr. Rakesh Agrawal	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
11	Dr. Tarun Verma	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
12	Mr. Ravi Bhushan Roy	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
13	Mr. Sourabh Pandey	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6



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14	Mr. Vinod Pathak	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
15	Mrs. Shraddha Shrivastava	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6
16	Mr. Prashant Chaturvedi	Learner Oriented Teaching Methods	13 02 23 to 18 02 23	6



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LIST OF FACULTY MEMBERS PARTICIPATED IN STTP/FDP EVENTS.

Academic Year 2023 - 2024

S.N.	Name of the Faculty	Title of FDP	Duration	No of Days
1	Dr. Soni Changlani	Next Generation AI Research Perspectives	18 03 24 to 22 03 24	5
		Advanced 3d Design And Printing For Functional Applications.	25 12 23 to 30 12 23	6
2	Dr. Monika Kapoor	NEP 2020 Orientation & Sentilization Programme	15 02 24 to 24 02 24	10
		Funding Project Proposal Drafting & IPR Design, Filing, Copywrite And Patenting Strategies	01 03 24 to 11 03 24	12
		Next Generation Ai Research Perspectives	18 03 24 to 22 03 24	5
3	Dr. Laxminarayan Gahalod	Life Skills Management & Innovative Teaching Strategies	04 03 24 to 08 03 24	5
		Recent Advances In Smart Materials And Sensor Technology.	12 02 24 to 17 02 24	6
		Research Paper Writing And Publishing In High Impact Journals.	26 02 24 to 01 03 24	4
		IoT Integration For Next Gen Electric Vehicles Technology	11 12 23 to 16 12 23	6
		Advanced 3d Design And Printing For Functional Applications.	25 12 23 to 30 12 23	6
4	Dr. M Zahid Alam	Advanced 3d Design And Printing For Functional Applications.	25 12 23 to 30 12 23	6
		Funding Project Proposal Drafting & IPR Design, Filing ,Copywrite And Patenting Strategies	01 03 24 to 11 03 24	12
		Next Generation AI Research Perspectives.	18 03 24 to 22 03 24	5
5	Dr. Vijay Yadav	Advanced 3 D Design And Printing For Functional Applications.	25 12 23 to 30 12 23	6

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		IoT Integration For Next Gen Electric Vehicles Technology.	11 12 23 to 16 12 23	5
6	Mr. Sunny Jain	IoT Integration For Next Gen Electric Vehicles Technology	11 12 23 to 16 12 23	6
		Advanced 3d Design And Printing For Functional Applications	25 12 23 to 30 12 23	6
		Technology Challenges,& Research Direction of 6G Wireless Communication Systems.	15 01 24 to 20 01 24	6
7	Dr. Uma Shankar Kurmi	Advanced 3d Design And Printing For Functional Applications	25 12 23 to 30 12 23	6
		National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
8	Dr. Shravan Kumar Sable	Nep 2020 Orientation & Sentilization Programme.	15 02 24 to 24 02 24	10
9	Mr. Arun Kumar Patel	Advanced 3d Design And Printing For Functional Applications	25 12 23 to 30 12 23	6
		IoT Integration For Next Gen Electric Vehicles Technology	11 12 23 to 16 12 23	6
10	Dr.Amrita Pahadiya	Electrical Design of Advanced Design and Communication Systems.	26 02 24 to 01 03 24	5
		National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
11	Dr. Rakesh Agrawal	National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
12	Dr. Tarun Verma	Research Paper Writing And Publishing In High Impact Journals.	26 02 24 to 01 02 24	4
		Life Skills Management & Innovative Teaching Strategies.	04 03 24 to 08 03 24	5
		Advanced 3 DDesign And Printing For Functional Applications	25 12 23 to 30 12 23	6
		Next Generation AI Research Perspectives	18 03 24 to 22 03 24	5

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13	Mr. Ravi Bhushan Roy	Advanced 3 D Design And Printing For Functional Applications	25 12 23 to 30 12 23	6
		National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
14	Mr. Sourabh Pandey	National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
15	Mr. Vinod Pathak	National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
16	Mrs. Shraddha Shrivastava	Research Paper Writing and Publishing in High Impact Journals.	26 02 24 to 01 03 24	5
		Next Generation AI Research Perspectives	18 03 24 to 22 03 24	5
		Life Skills Management & Innovative Teaching Strategies	04 03 24 to 08 03 24	5
17	Dr. Prashant Chaturvedi	National Faculty Development Program on Empowering Faculty Through IPR ICT NEP Integration and Research Methodology.	19 02 24 to 23 02 24	5
		Introduction to Internet of Things	July –Oct 2023	1.5 Weeks
		Introduction to Industry 4.0 and Industrial Internet of Things	July –Oct 2023	1.5 Weeks
18	Mr. Nitesh Kumar	Cognitive Computing for Smart Applications	18 03 24 to 22 03 24	5



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Academic Year 2024 2025

S.N.	Name of the Faculty	Title of FDP	Duration	No of Days
1	Dr.Soni Changlani	Applied Generative AI	18 11 24 to 22 11 24	5
		Emerging Trends And Challenges In Next Generation Semiconductors	30 09 24 to 05 10 24	6
		Recent Advancements In AI & IoT Industry Perspectives	25 11 24 to 30 11 24	6
		Emerging Trends On Digital Marketing	11 11 24 to 16 11 24	6
2	Dr. Monika Kapoor	Emerging Trends On Digital Marketing	11 11 24 to 16 11 24	6
		Innovations, Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
		Data Analytics For Decision Making :Tools, Techniques And Applications	03 02 25 to 08 02 25	6
		Antennas & RF Circuits For Radio Frequency Energy Harvesting Applications For Energizing Low Power Devices	24 02 25 to 01 03 25	6
		Sustainability Innovation Trends In Civil Engineering	10 03 25 to 15 03 25	6
3	Dr.Laxmi Narayan Gahalod	Innovations, Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
		Recent Trends And Advancements In Semiconductor Devices, Modelling & Circuit Technology	6 01 25 to 11 01 25	6
4	Dr. M Zahid Alam	Emerging Trends And Challenges In Next Generation Semiconductors	30 09 24 to 05 10 24	6
		Emerging Trends And Digital Marketing	11 11 24 to 16 11 24	6
		Innovation Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
		Innovations And Challenges In Adopting Clean Energy Technologies For Sustainable Development	6 01 25 to 11 01 25	6
		3d Printing For Biomedical Applications	13 01 25 to 18 01 25	6
		Advancements In Telehealth Industries Using IOT	20 01 25 to 25 01 25	6
		Ai Driven Wearable And Robotics:	27 01 25 to	6

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		Transforming The Future Of Healthcare And Telemedicine	1 02 25	
		Recent Advances And Application Of Manufacturing In Industries 4.0	3 02 25 to 8 02 25	6
		Circuit Design Using Xilinx And Spice Simulator	10 02 25 to 15 02 25	6
		Sensors And Their Applications	17 02 25 to 22 02 25	6
		Sustainable Manufacturing And Advanced Automation In Industries	24 02 25 to 1 03 25	6
		Sustainability Innovation Trends In Civil Engineering	10 03 25 to 15 03 25	6
		Industrial Automation Specialist (IAS/Q8005) V5.0	04 11 24 to 14 11 24	10
5	Dr. Vijay Yadav	Recent Trends And Advancements In Semiconductor Devices	6 01 25 to 11 01 25	6
		Innovation Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
		Empowering Educators With AI & Industry 5.0	16 06 25 to 21 06 25	6
6	Dr. Sunny Jain	Recent Trends And Advancements In Semiconductor Devices	6 01 25 to 11 01 25	6
		National Faculty Development Program on Empowering Faculty through IPR ICT NEP Integration and Research Methodology	19 02 24 to 23 02 24	5
		Intellectual Property Right	04 02 25 to 7 02 25	4
7	Dr. Uma Shankar Kurmi	Wireless Communication Technology 5G and Beyond	06 01 25 to 10 01 25	5
		Emerging Trends And Challenges In Next Generation Semiconductors	30 09 24 to 05 10 24	6
8	Mr. Arun Kumar Patel	Data Analytics For Decision Making :tools, Techniques And Applications	03 02 25 to 08 02 25	6
		Emerging Trends And Digital Marketing	11 11 24 to 16 11 24	6
		Innovations And Challenges In Adopting Clean Energy Technologies For Sustainable Development	6 01 25 to 11 01 25	6
		Future Tech Revealed: Semiconductors, Quantum Computing, And Data Storage Insights	20 01 25 to 25 01 25	6
		Strategic Leadership In Manufacturing & Industry 4.0: Driving Innovation For Future	10 02 25 to 15 02 25	6

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9	Dr. Amrita Phadia	5G Communication Networks	09 12 24 to 13 12 24	6
10	Dr. Rakesh Agrawal	5g Communication Networks	09 12 24 to 13 12 24	6
		mmWave Technologies	13 01 25 to 18 01 25	6
		Sustainable Carbon Free Technologies For Hydrogen	24 02 25 to 1 03 25	5
11	Dr. Tarun Verma	Innovations, Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
12	Dr. Govind Prasad Pandiya	Innovations, Designing And Manufacturing In Healthcare Industry	23 12 24 to 28 12 24	6
		Recent Trends And Advancements In Semiconductor Devices	06 01 25 to 11 01 25	6
		Data Analytics For Decision Making :Tools, Techniques And Applications	03 02 25 to 08 02 25	6
		Empowering Healthcare With AI & ML	17 02 25 to 22 02 25	5
		FPGA Realization of Intelligent Controllers an Industrial Prospective	10 02 25 to 15 02 25	5
13	Mr. Ravi Bhushan Roy	Industrial Automation Specialist (IAS/Q8005) V5.0	04 11 24 to 14 11 24	10
		Emerging Trends And Challenges In Next Generation Semiconductors	30 09 24 to 05 10 24	6
14	Mr. Sourabh Pandey	Emerging Trends And Challenges In Next Generation Semiconductors	30 09 24 to 05 10 24	6
15	Dr.Vinod Pathak	5G Communication Networks	09 12 24 to 13 12 24	5
16	Dr. Shraddha Shrivastava	Applied Ai: Practical Implementations	18 11 24 to 22 11 24	5
		Cross Modality Innovation: Generative AI	09 12 24 to 14 12 24	6
		Recent Advancements In AI & IoT Industry Perspectives	25 11 24 to 30 11 24	6
		Life Skills Management & Innovative Teaching Strategies	04 03 24 to 08 03 24	5
		Next Generation AI – Research Perspectives	18 03 24 to 22 03 24	5
		Modern Methods and Digital Tools	25 05 25 to 30 05 25	5
17	Dr. M Sarwar Raeen	Recent Trends And Advancements In Semiconductor Devices	6 01 25 to 11 01 25	6
18	Dr. Prashant	Emerging Trends And Challenges In Next	30 09 24 to	6

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	Chaturvedi	Generation Semiconductors	05 10 24	
19	Dr. Deepika Sharma	Recent Trends And Advancements In Semiconductor Devices, Modelling & Circuit Technology	6 01 25 to 11 01 25	6
		mmWave Technologies	13 01 25 to 18 01 26	6
20	Mr. Satyarth Tiwari	Innovations And Challenges In Adopting Clean Energy Technologies For Sustainable Development	6 01 25 to 11 01 25	6



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LIST OF FACULTY MEMBERS PARTICIPATED IN STTP/FDP EVENTS

Academic Year 2025 - 2026

S.N.	Name of the Faculty	FDP Title	Duration	No of Days
1	Dr. Soni Changlani	Emerging Technologies In Semiconductor Manufacturing	27 10 25 to 01 11 25	6
		Innovations And Challenges In Adopting Clean Energy Technologies For Sustainable Development	08 12 25 to 13 12 25	6
		Applied Generative AI	15 12 25 to 20 12 25	6
		Emerging Trends In Digital VLSI Design And AI Integration	24 11 25 to 29 11 25	6
		Emerging Trends In Antenna And RF Design For Next Gen. Communication	04 08 25 to 06 08 25	3
2	Dr.Monika Kapoor	AI Powered Real Time Fraud Detection In Financial Transactions	14 07 25 to 19 07 25	6
		Emerging Trends In Antenna And RF Design For Next Gen Communication	04 08 25 to 06 08 25	3
3	Dr. Laxminarayan Gahalod	Introduction To Space Science And Technology	07 11 25 to 11 04 25	5
		Emerging Technologies In Semiconductor Manufacturing	27 10 25 to 1 11 25	6
		Emerging Trends In Antenna And RF Design For Next Gen Communication	04 08 25 to 06 08 25	3
4	Dr.Zahid Alam	Emerging Trends In Antenna And RF Design For Next Gen Communication	4 08 25 to 6 08 25	3
		Ai Powered Real Time Fraud Detection In Financial Transactions	14 07 25 to 19 07 25	6
		Semi Tech :Semiconductor Innovation & Technology For Next Gen Electronics	18 08 25 to 23 08 25	6
		Role of Artificial Intelligence and Machine Learning in Smart Grid	22 09 25 to 27 09 25	6

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		Cyber Security and Its Applications	01 09 25 to 06 09 25	6
		Parametric Modelling: Advance Design Strategies for complex 3D Printing	08 09 25 to 13 09 25	6
5	Dr. Vijay Yadav	Emerging Trends In Digital VLSI Design And AI Integration	24 11 25 to 29 11 25	6
		Cyber Physical System and Digital Arrest	07 07 25 to 12 7 24	6
		Emerging Technologies In Semiconductor Manufacturing	27 10 25 to 01 11 25	5
		Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
		Advanced 3d Design And Printing For Functional Applications	23 12 25 to 28 12 25	6
		AI In Healthcare & Biomedical Imaging	14 07 25 to 26 07 25	13
		Applied Generative AI	15 12 25 to 20 12 25	6
6	Dr.Sunny Jain	Emerging Technologies In Semiconductor Manufacturing	27 10 25 to 01 11 25	5
		AI In Healthcare & Biomedical Imaging	14 07 25 to 26 07 25	13
		Innovation and Challenges in Adopting Clean Energy Technologies for Sustainable Development	08 12 25 to 13 12 25	6
7	Dr. Uma Shankar Kurmi	Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
8	Dr. Shravan Kumar Sable	AI In Healthcare & Biomedical Imaging	14 07 25 to 26 07 25	13
		Emerging Trends In Antenna And RF Design For Next Generation.	4 08 25 to 6 08 25	3
		Emerging Technologies In Semiconductor Manufacturing	27 10 25 to 01 11 25	5
9	Mr. Arun Kumar Patel	Emerging Trends In Antenna And RF Design For Next Generation.	4 08 25 to 6 08 25	3

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		Applied Generative AI	15 12 25 to 20 12 25	6
		AI For Industry 4.0 : Bridging Academia And Industry Applications	17 11 25 to 22 11 25	6
10	Dr. Rakesh Agrawal	Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
11	Dr. Tarun Verma	Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 26	4
		Semiconductor And Electronic Device Technologies	17 11 25 to 22 11 25	6
12	Dr. Govind Prasad Pandiya	AI in Healthcare & Biomedical Imaging	14 07 25 to 26 07 25	13
		Emerging Trends In Antenna And RF Design For Next Generation	4 08 25 to 6 08 25	3
		Secure and Explainable Generative AI for Medical IoT Data Analytics	25 08 25 to 30 08 26	6
		Fostering Academia Industry Synergy for Pharmaceutical Research and Current IPR Landscape	18 08 25 to 23 08 27	6
		Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
13	Dr . Shraddha Shrivastava	Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
		Semiconductor And Electronic Device Technologies	17 11 25 to 22 11 25	6
14	Mr. Sourabh Pandey	Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
15	Dr. Vinod Pathak	Cyber Physical System and Digital Arrest	07 07 25 to 12 7 25	6
		Emerging Trends In Antenna And RF Design (VAANI Conference)	4 08 25 to 6 08 25	3
		Innovation and Challenges in Adopting Clean Energy Technologies for Sustainable Development	08 12 25 to 13 12 25	6



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16	Dr. M Sarwar Raeen	AI In Healthcare & Biomedical Imaging	14 07 25 to 26 07 25	13
		AI ML Driven Massive MIMO for Enhance 6G Networks	15 09 25 to 20 09 25	6
		Advanced Antenna Design for Next Generation Wireless Communication System (5G/6G) with AI Perspectives	08 09 25 to 13 09 26	6
		Advances In Biomedical And Healthcare Using Artificial Intelligence	20 10 25 to 25 10 25	6
		AI/ML Based Reconfigurable Antenna Design for Next Generation Wireless Communication	27 10 25 to 01 11 25	6
17	Dr. Ravi Ranjan Kumar Singh	Mathematical Modelling of Complex Fluids and Flows	20 12 25 to 25 12 25	6
18	Mr. Nitesh Kumar	Advanced Research Paper Writing Scholarly Tools, and Journal Selection Strategies	23 02 26 to 27 02 26	5
19	Mr. Ravi Bhusan Roy	Advanced Antenna Design for Next Generation Wireless Communication System (5G/6G) with AI Perspectives	08 09 25 to 13 09 26	6



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Additional FDP attended by faculties through NPTEL

S.N.	Name of the Faculty	Title of FDP	NPTEL	No of Days
1	Dr. Soni Changlani	Signal Processing And Its Applications	NPTEL	1.5 WEEKS
2	Dr. Sunny Kumar Jain	Switching Circuits and Logic Design	NPTEL	1.5 WEEKS
3	Mr.Jatin Agarwal	Real Time Operating System	NPTEL	.5 WEEK
4	Mr.Sourabh Pandey	Data Base Management System	NPTEL	1 WEEK
5	Mr.Sourabh Pandey	Python For Data Science	NPTEL	.5 WEEK
6	Dr. Vijay Yadav	Data Base Management System	NPTEL	1 WEEK
7	Dr. M Zahid Alam	Electronic Waste Management Issues And Challenges	NPTEL	1.5 WEEKS
8	Dr. M Zahid Alam	Fundamentals Of Electronic Device Fabrications	NPTEL	.5 WEEKS
9	Dr. M Zahid Alam	Technical Communications for Engineers	NPTEL	.5 WEEKS
10	Dr .M Zahid Alam	Air Pollution And Control	NPTEL	1.5WEEKS
11	Dr. M Zahid Alam	Inspection And Quality Control In Manufacturing	NPTEL	1.5 WEEKS
12	Dr. M Zahid Alam	The Science Of Happiness And Wellbeing	NPTEL	1 WEEK