



Department of Chemical Engineering
K. K. Wagh Institute of Engineering Education and Research
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

Summary of Faculty Participation in Professional Development Activities

Academic Year	No. of Faculty Participated	No. of Events Attended	Total Participations
2023–24	17	18	30
2024–25	25	22	35
2025–26	31	32	40
Total	73	72	105

Dr. S. N. Jain
Head
Chemical Engineering Department



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Details of Faculty Participations in STTP and FDP in AY. 2025-26:

Sr. No.	Name of Staff	Topic	Details of Events/Industrial Trainings with Organizer	Date/Duration
1	Dr. Ravula Rajasekhar	A Highly Sensitive Hybrid Digital Sensor for Room Temperature Arsenic/Heavy Metal Detection Kit, Advanced sensor technologies; presented	Guest Lecture, B.V. Raju Institute of Technology (BVRIT), Medak, Hyderabad	30/03/2026 to 30/03/2026
2	Prof. Piyush Joshi	Leadership & Management Skills : 23 Leadership Courses In 1	Udemy (24 hrs), Udemy	17/03/2026 to 17/03/2026
3	Prof. Piyush Joshi	Sustainable Waste and Water Management for a Cleaner Environment	FDP 6 Day, AISSMS College of Engineering, Pune, and ISTE.	16/03/2026 to 21/03/2026
4	Dr. Neha Gautam	Higher Education and Sustainable Development	Seminar, MVP'S Sharadchandraji Pawar College of Architecture, and SPPU	14/03/2026 to 14/03/2026
5	Dr. Daware G. B.	Interpersonal Skills Mastery - Conflicts and Communication	Udemy (15 hrs), Udemy	21/02/2026 to 21/02/2026
6	Prof. Derle S. N.	Leadership & Management Skills : 23 Leadership Courses In 1	Udemy (24 hrs), Udemy	18/02/2026 to 18/02/2026
7	Dr. Neha Gautam	Next-Generation Engineering: Integrating Renewable Energy, Advanced Materials and Smart Infrastructure for Sustainable Development	FDP 5 Day, MIT, Alandi, Pune	19/01/2026 to 23/01/2026
8	Prof. Mawal V. N.	Global Emerging Technology Summit 2026	Technology Summit, ISTD, Nashik Chapter and KKWIEE&R	17/01/2026 to 18/01/2026
9	Dr. Jain S. N.			
10	Dr. Ravula Rajasekhar	Energy, Sustainability, and Climate Change	FDP 6 Day, SVIT, Chincholi, Nashik with AICTE, ATAL	01/01/2026 to 01/01/2026
11	Dr. Prashant Kumar	ENGINEERING EDUCATION RESEARCH COURSE	Six Month, IUCEE.	01/01/2026 to 01/01/2026
12	Dr. Yennam Rajesh	Sustainable and Innovative Practices in Mining and Allied Industries	FDP 5 Day, Department of Mining Engineering, Aditya University.	19/12/2025 to 23/12/2025
13	Dr. Yennam Rajesh	Emerging Trends and Research Frontiers in Chemical Engineering for Green and Sustainable Future	FDP 5 Day, Vidhyadeep Institute of Engineering and Technology.	15/12/2025 to 20/12/2025
14	Prof. Tejmal Balu Mahale	Expert for 3 Day Workshop	Expert talk, K. K. Wagh Polytechnic, Nashik	15/12/2025 to 17/12/2025
15	Prof. Z. K. Deshmukh	AI in Chemical Engineering: Industry, Curriculum and Research Perspectives	FDP 5 Day, Dr. Vishwanath Karad MIT World Peace University, Pune.	01/12/2025 to 05/12/2025
16	Prof. Derle S. N.			
17	Dr. Yennam Rajesh	Integrating AI & ML for Sustainable Chemical Process Industries: A Paradigm Shift Towards Industry 5.0	FDP 6 Day, HIT Haldia with (IQAC), IChE.	01/12/2025 to 01/12/2025
18	Dr. Yennam Rajesh	Paper presented Development of High performance activated carbon from soap nut shell for Indigo Dye Removal	Paper in Conference , International Conference (ICSAE2025) by Energy cluster, UPES, Dehradun, Uttarakhand	11-11-2025 to 12-11-2025
19	Prof. Mawal V. N.	Emerging Sustainable Practices	FDP 6 Day, Datta Meghe College of	06-10-2025



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20	Dr. Jain S. N.	in Chemical Engineering	Engineering, Airoli Navi Mumbai	to 11-10-2025
21	Prof. Derle S. N.			
22	Dr. Ravula Rajasekhar	Innovation Ambassador (IA) Training on "upskilling"	Training, MoE's Innovation Cell & AICTE	05-10-2025 to 15-02-2025
23	Dr. Ravula Rajasekhar			
24	Dr. Ravula Rajasekhar			
25	Dr. Ravula Rajasekhar			
26	Dr. Jain S. N.	Expert for project evaluation in the Avishkar competition of SPPU Pune	Expert , LVH College Nashik	03-10-2025 to 03-10-2025
27	Dr. Prashant Kumar	Machine Learning for Core Engineering Disciplines	FDP 12 week, by NPTEL-AICTE.	01-10-2025 to 01-07-2025
28	Dr. Ravula Rajasekhar	Smart and Sustainable Waste Management Using IoT and Data Analytics at Madanapalle Institute of Technology & Science	FDP Online , AICTE Training And Learning (ATAL) Academy	15-09-2025 to 20-09-2025
29	Prof. Z. K. Deshmukh	Outcome Based Education (OBE)	FDP 3 Day, KKWIEE&R, with NITTTR, Chandigarh	10-09-2025 to 12-09-2025
30	Prof Tejmal Balu Mahale			
31	Dr. Yennam Rajesh			
32	Dr. Prashant Kumar	Innovation Ambassador (IA) Training on "reskilling"	Training, MoE's Innovation Cell & AICTE	31-08-2025 to 31-08-2025
33	Prof. Piyush Joshi	Role of Engineering Professionals in Fulfilling Sustainable Development Goals	Online STTP 1 week, Gharda Institute of Technology, Lavel, Ratnagiri.	19-08-2025 to 26-08-2025
34	Prof. S. N. Derle			
35	Dr. Prashant Kumar	Next-Gen Chemical Engineering: Digital Skills for Tomorrow's Innovators	Seminar, by Mathworks	09-07-2025 to 08-07-2025
36	Prof. Joshi P. P.	Presentation skills - Advanced : speak without reading Notes	Udemy (29.5 hrs) , Udemy	31-05-2025 to 31-05-2025
37	Prof. Joshi P. P.	Face-to-Face UHV-II Faculty Development Programme	FDP 5 Day, KKWP, Nashik	26-05-2025 to 30-05-2025
38	Prof. Mawal V. N.	Presentation skills and executive presentation 3.0	Udemy (16.5 hrs) , Udemy	25-05-2025 to 25-05-2025
39	Prof. Mawal V. N.	Industrial Training	Industrial Training - 15 Days, Graphite India Ltd., Nashik	18-05-2025 to 01-06-2025
40	Dr. Jain S. N.	The Leadership Masterclass-leadership skill development	Udemy (29.5 hrs), Udemy	14-05-2025 to 14-05-2025



Details of Faculty Participations in STTP and FDP in AY. 2024-25:

Sr. No.	Name of staff	Topic	Details of Event	Duration		Organised/ Authorised/ Sponsored/Conducted
1	Prof. Joshi P. P.	Presentation skills - Advanced : speak without reading Notes	Udemy (29.5 hrs)	31/05/2025	31/05/2025	Udemy
2	Prof. Joshi P. P.	Face-to-Face UHV-II Faculty Development Programme	FDP 5 Day	26/05/2025	30/05/2025	KKWP, Nashik
3	Prof. Mawal V. N.	Presentation skills and executive presentation 3.0	Udemy (16.5 hrs)	25/05/2025	25/05/2025	Udemy
4	Prof. Mawal V. N.	Industrial Training	Industrial Training - 15 Days	18/05/2025	01/06/2025	Graphite India Ltd., Nashik
5	Dr. Jain S. N.	The Leadership Masterclass- leadership skill development	Udemy (29.5 hrs)	14/05/2025	14/05/2025	Udemy
6	Dr. Yennam Rajesh	Removal of Microplastic using a dual bed zeolite system via sorption method	International Conference	08/04/2025	08/04/2025	Woxsen University, Hyderabad, Telangana State
7	Prof. Z. K. Deshmukh	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
8	Prof. Derle S. N.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
9	Prof. Mahale T. B.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
10	Prof. Mawal V. N.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
11	Dr. Ravula Rajasekhar	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
12	Dr. Jain S. N.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
13	Prof. Joshi P. P.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
14	Dr. Daware G. B.	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai
15	Dr. Yennam Rajesh	Process Intensification : sustainability in chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	Datta Meghe College of Engineering, Mumbai



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16	Prof. Joshi P. P.	Application of AI, ML, and DS in Chemical Engineering	FDP 1 week	07/04/2025	11/04/2025	VIT, Pune
17	Dr. Yennam Rajesh	Paper Pulse (Online) Winner - 1st Prize	Symposium Ppt	05/04/2025	05/04/2025	Agni College of Technology, Tamilnadu
18	Dr. Yennam Rajesh	Building a sustainable journal ecosystem webinar	webinar	27/03/2025	27/03/2025	Research Acedmy on Campus
19	Dr. Prashant Kumar	Quantum Computations and its Application in Molecular Structure	Workshop	05/03/2025	05/03/2025	III Khargpur
20	Dr. Prashant Kumar	Process Intensification through Heat Transfer Augmentation	FDP 1 week	18/02/2025	22/02/2025	Gharda Institute of Technology, Ratnagiri
21	Ms. Ritul Chaudhari	Process Intensification through Heat Transfer Augmentation	FDP 1 week	18/02/2025	22/02/2025	Gharda Institute of Technology, Ratnagiri
22	Prof. Joshi P. P.	Process Intensification through Heat Transfer Augmentation	FDP 1 week	18/02/2025	22/02/2025	Gharda Institute of Technology, Ratnagiri
23	Prof. Derle S. N.	Process Intensification through Heat Transfer Augmentation	FDP 1 week	18/02/2025	22/02/2025	Gharda Institute of Technology, Ratnagiri
24	Prof. Mawal V. N.	Process Intensification through Heat Transfer Augmentation	FDP 1 week	18/02/2025	22/02/2025	Gharda Institute of Technology, Ratnagiri
25	Dr. Ravula Rajasekhar	Impact of Urban green spaces in alleviating microclimate change using geospatial techniques	Training and Learning	17/02/2025	22/02/2025	Shri Ramakrishna Engineering College
26	Dr. Ravula Rajasekhar	Integrating Synergism among Chemical Process and Technologies for sustainable development	FDP 1 week	10/02/2025	15/02/2025	SVNIT, Surat
27	Dr. Prashant Kumar	Machine Learning for Engineering and science applications	NPTEL Course : 12 week	10/01/2025	09/04/2025	NPTEL -AICTE
28	Ms. Ritul Chaudhari	Induction Training	Induction Training	21/12/2024	26/12/2024	IQAC by KKWIEE&R., Nashik
29	Dr. Daware G. B.	Chemical Process Safety	FDP 1 week	16/12/2024	20/12/2024	Sinhgad College of Engineering, Pune
30	Prof. Joshi P. P.	Chemical Process Safety	FDP 1 week	16/12/2024	20/12/2024	Sinhgad College of Engineering, Pune
31	Dr. Prashant Kumar	Green Technologies for Sustainable Development	STTP 1 Week	02/12/2024	06/12/2024	National Institute of Technical Teachers Training and Research, Bhopal
32	Dr. Jain S. N.	Innovative Teaching Methods	FDP 2 Day	13/09/2024	14/09/2024	Shri hirmal Hsatimal Jain Brothers Jalgaon Polytechnic, Chandwad



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33	Dr. Yennam Rajesh,	Research Writing Workshop	Workshop	06/08/2024	06/08/2024	IET and KKWIEE&R., Nashik
34	Dr. Yennam Rajesh,	Advances in Renewable Energy Technologies for Sustainable development	FDP 1 week	29/07/2024	02/08/2024	Bharti vidyapeeth college of Engineering, Navi Mumbai
35	Dr. Yennam Rajesh,	Advances in Material Characterization and Data Processing	FDP 1 week	15/07/2024	20/07/2024	AMCDP-2024 by Anurag University, Hyderabad, Telangana



Details of Faculty Participations in STTP and FDP in AY. 2023-24

Sr. No.	Name of staff	Topic	Details of Event	Duration		Organised/ Authorised/ Sponsored/Conducted
1	Dr. Prashant Kumar	Online masterclass on "Teaching GenZ using generative AI" organized by NIIT University, Jaipur	Paper presentation	13/04/2024	13/04/2024	NIIT University, Jaipur
2	Prof. Joshi P. P.	3-day offline UHV-I offline workshop - "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)"	workshop	04/04/2024	06/04/2024	Karmaveer Kakasaheb Wagh Polytechnic, Nashik
3	Dr. Jain S. N., Tanaya Upasani, Abhishek Kavhar	Remediation of Pollutants from Wastewater Using Batch Study	Paper presentation	05/04/2024	06/04/2024	NIT Jalandar Punjab
4	Dr Yennam Rajesh, Shradha Pansare, Himani Chaudhari	Synthesis of dhoop from orange peels	Paper presentation	11/03/2024	13/03/2024	MIT Alandi Pune, international Conference
5	Dr Yennam Rajesh, Jai shah, Saloni Panchal	Comparative study of fiber synthesis using sisal and banana ; Best	Paper presentation	11/03/2024	13/03/2024	MIT Alandi Pune, international Conference
6	Dr. Daware G. B., Rahul Rathod, Krishna Agrawal	Plant Design and optimization for production of Benzoic acid from PTA	Paper presentation	11/03/2024	13/03/2024	MIT Alandi Pune, international Conference
7	Dr. Jain S. N., Akshay Deore, Gaurav Chavan	Bioplastic from Biomass Based Substrate	Paper presentation	11/03/2024	13/03/2024	MIT Alandi Pune, international Conference
8	Dr. Prashant Kumar	Three webinar series on "Soft Skills for Success"	webinar	28/01/2024	25/02/2024	by Global Expert Faculty Dr. Manu K. Vora, Chairman and President, Business Excellence, Inc., USA.
9	Dr. Prashant Kumar	1 Week Faculty Development Programme on "Online Short Term Course on AI/ML and Data Science for Industry 4.0 (Advanced Level)"	FDP	26/02/2024	01/03/2024	National Institute of Technical Teachers Training & Research Chandigarh
10	Dr. Prashant Kumar	1 Week Faculty Development Programme on "Current Science and	FDP	29/01/2024	02/02/2024	Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad



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		Developments in Nanobiotechnology"				
11	Prof. Joshi P. P.	1 Week Faculty Development Programme on "Current Science and Developments in Nanobiotechnology"	FDP	29/01/2024	02/02/2024	Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad
12	Prof. Joshi P. P.	Faculty Development Program on ' Process Intensification in Chemical Engineering'	FDP	05/02/2024	09/02/2024	Vishwakarma Institute of Technology, Pune
13	Prof. Derle S. N.	One Week Online Faculty Development Programme on Current Science and Developments in Nanobiotechnology	FDP	29/01/2024	02/02/2024	Department of Biotechnology
14	Prof. Joshi P. P.	One Week Online Faculty Development Programme on Current Science and Developments in Nanobiotechnology	FDP	29/01/2024	02/02/2024	Department of Biotechnology
15	Dr. Prashant Kumar	One Week Online Faculty Development Programme on Current Science and Developments in Nanobiotechnology	FDP	29/01/2024	02/02/2024	Department of Biotechnology
16	Dr. Yennam Rajesh, Sakshi Gole, Pragati	Evaluation of Activated Biochar from Sustainable SF shells for the removal of AB 158 dye	Paper presentation	19/01/2024	20/01/2024	Chaitanya Bharathi Institute of Technology
17	Dr. Yennam Rajesh, Dr. Neha Gautam, Panchal Saloni, Vaidehi Deore	Agricultural resources in focus: Eco-friendly bioplastic synthesis from corn starch	Paper Publication	01/12/2023	01/12/2023	Materials Today: Proceedings
18	Prof. Z. K. Deshmukh	Process Development of Fertilizer from Human Hairs using Ultrasonic	Paper Publication	01/12/2023	01/12/2023	Quaderns Journal
19	Dr. G. B. Daware	Process Development of Fertilizer from Human Hairs using Ultrasonic	Paper Publication	01/12/2023	01/12/2023	Quaderns Journal
20	Dr. V. S. Mane	Process Development of Fertilizer from Human Hairs using Ultrasonic	Paper Publication	19/12/2023	21/12/2023	Quaderns Journal
21	Prof. Mawal V. N.	Treatment Approach	FDP	18/12/2023	22/12/2023	MIT-WPS
22	Dr. Prashant Kumar	The Complete introduction to	Udemy (5 Hours)	27/09/2023	27/09/2023	Udemy



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		LAMMPS				
23	Dr. Prashant Kumar	the choice of the correct mounting method -the chemistry has to be right!	Paper presentation	28/11/2023	28/11/2023	ATM Qness GmbH
24	Dr. Jain S. N.	Caustic soda treated dried foliage of Arachis Hypogaea as a promising biosorbent for Chromacyl Blue GG dye removal	Paper Publication	20/09/2023	20/09/2023	Biomass Conversion and Biorefinery (Springer), (2023) 1-10
25	Prof. Derle S. N.	Caustic soda treated dried foliage of Arachis Hypogaea as a promising biosorbent for Chromacyl Blue GG dye removal	Paper Publication	20/09/2023	20/09/2023	Biomass Conversion and Biorefinery (Springer), (2023) 1-10
26	Dr. Yennam Rajeh, Sakshi Gole, Pragati Nirgude	Development of Activated Carbon Adsorbents Using Sterculia Foetida Shells for Industrial Effluents Removal	Paper PPT. International Confererence	13/10/2023	14/10/2023	Recent Advances in Biofuels and Biomaterials (ICRABB-2023), NIT Jalandhar, Punjab
27	Dr. Neha Gautam, Rohit Dholi, Shravya Bangera	Silica Extraction from Pearl Millet Husk Using Alkaline Extraction Method	Paper PPT. International Confererence	13/10/2023	14/10/2023	Recent Advances in Biofuels and Biomaterials (ICRABB-2023), NIT Jalandhar, Punjab
28	Dr. Neha Gautam, Tekchand Bramhankar, Vaibhav Jadhav	Kinetics Studies on the conversion of Perthenium Hysterophorus into Silica and Their Applications	Paper PPT. International Conference	13/10/2023	14/10/2023	Recent Advances in Biofuels and Biomaterials (ICRABB-2023), NIT Jalandhar, Punjab
29	Dr. Neha Gautam, Kalpak Shende, Omkar Shinde	Different Optimization tools from Pyrolysis of Coconut Shell, Rice Straw and Wood Waste	Paper PPT. International Conference	13/10/2023	14/10/2023	Recent Advances in Biofuels and Biomaterials (ICRABB-2023), NIT Jalandhar, Punjab
30	Dr. Yennam Rajeh	“Advancements in Green Energy Technologies and it’s Significance in Sustainable development”	STTP	24/07/2023	28/07/2023	Bharati Vidyapeeth College of Engineering, Navi Mumbai

Dr. S. N. Jain
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