

Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year: <b>2024-25</b>				
S.N O	Title of the professional development programme organised for teaching staff	Title of the administrative training programme	No. of participants	Dates (from-to) (DD-MM-YYYY)
1	Nanomaterials, Characterizations and Applications		50	29.07.2024 to 02.08.2024
2	Developing Healthy work Culture at Work Place		55	02.12.2024 to 06.12.2024
3	Managing Infrastructure in Urban Areas		48	25.11.2024 to 29.11.2024
4	Pyhton for Engineering Applications (IIT Roorkee) E&ICT		55	17.03.2025 to 21.03.2025
5	International Conference on Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS-2024)		60	04.12.2024 to 05.12.2024
6	Preparing students for placements and Higher Studies		76	05.08.2024 to 09.08.2024
7	Enhancing Research Capabilities for Academic Career Progression		46	17.03.2025 to 21.03.2025
8	Data Science Using Python		118	24.12.2024 to 29.11.2024
9	Deep Learning for Engineering Applications(ICT48)		43	02.09.2024 to 06.09.2024
10	Teaching ECE Lab Subjects using free Simulations (ICT-115)		35	03.03.2025 to 07.03.2025
11	Employability Skills for Industry 4.0'		25	29.07.2024 to 02.08.2024
12	Smart Grid amd Renwable Energy Source		26	23.09.2024 to 27.09.2024
13	One week online faculty development programm on Outcome Based Education and Accreditation Process		25	25.11.2024 to 29.11.2024
14	Cloud Application development using IBM Cloud ICT-147		36	23.09.2024 to 27.09.2024
15	Tools for Research in Cloud , Fog & Edge Compiling		35	21.10.2024 to 25.10.2024
16	Application of VR/AR in Manufacturing		36	09.12.2024 to 13.12.2024

**Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year: **2023-24****

S.NO	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
1	ANSYSY-EM for Electrical Engineering Applications		26	17.07.2023 To 21.07.2023
2	Funding opportunities in Engineering		35	24.07.2023 To 25.07.2023
3	Protection from Cyber Attacks		35	07.08.2023 To 11.08.2023
4	AI/ML and DATA SCIENCE for Industry 4.0		30	21.08.2023 To 25.08.2023
5	NAAC and Internal Quality Assurance (ICT-84)		34	11.09.2023 To 15.09.2023
6	Recent Trends in Embedded Systems and IOTs		30	18.09.2023 To 22.08.2023
7	Switch on the Helthy diet and life style for healthy me		250	30.09.2023 To 30.09.2023
8	Meterials Characterization Techniques		30	04.12.2023 To 08.12.2023
9	Three Day FDP OnUniversal Human Values		99	21.12.2023 To 23.12.2023
10	Big Data Analylstics in smart grid		35	12.02.2024 To 16.02.2024
11	Machine Learning Using Python		40	19.02.2024 To 23.02.2024
12	Sustainble and Resilient Civil Engineering Practices -SRCEP-2K24		50	11.03.2024 To 16.03.2024

**Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year: 2022-23**

S.NO	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
1	One Week Short Term Course on "Essential Industrial Chemistry for Engineers" (O. Plan No. ICT-112), National Institute of Technical Teachers' Training & Research, Chandigarh		25	05-09-2022 to 09-09-2022
2	One Week Short Term Course on "2D Nanomaterials: Potential & Applications (O. Plan No. ICT-128)", Organized as Remote Centre for National Institute of Technical Teachers' Training & Research, Chandigarh		40	17-10-2022 to 21-10-2022
3	One week Online Faculty Development program on "Emerging Trends and Practices in Civil Engineering" Organized as Remote Centre for National Institute of Technical Teachers' Training & Research, Chandigarh		118	21-11-2022 to 27-11-2022
4	One Week Faculty Development Program on "Recycling Materials in Highway Construction" Organized as Remote Centre for National Institute of Technical Teachers' Training & Research, Chandigarh		30	6-03-2023 to 10-03-2023
5	One Week (40 Hrs) FDP Programme on "Machine Learning and Soft Computing for Real Time Applications" NIT, Warangal & Aitam, Tekkali		62	24-09-2022 to 30-09-2022
6	One Week FDP Programme on "MAT LAB- Artificial Intelligence and Optimization Techniques" Organized as Remote Centre for National Institute of Technical Teachers' Training & Research, Chandigarh		41	21-11-2022 to 25-11-2022
7	One Week Online Faculty Development Program on "Outcome Based Curriculum Design" NITTTR, Chandigarh		25	13-02-2023 to 17-02-2023
8	One Week Online Faculty Development Program on "Applications of AI in Electronics Design" (ICT-173), NITTTR, Chandigarh		25	20-02-2023 to 24-02-2023
9	One Week Online Faculty Development Program on "Antennas & Wireless Technologies" NITTTR, Chandigarh		24	20-02-2023 to 24-02-2023
10	One Week Online Faculty Development Program on "Research Scope in Electric Vehicles" NITTTR, Chandigarh		40	05-12-2022 to 09-12-2022
11	One Week Faculty Development Program on "Effective Curriculum Implementation" NITTTR, Chandigarh		28	12-12-2022 to 16-12-2022
12	A Two Week Online Skill Oriented Course on "Introduction to Machine Learning and Deep Learning"		167	10-10-2022 to 26-10-2022
13	One Week FDP on "Curriculum Development Processes" NITTTR, Chandigarh		37	14-11-2022 to 18-11-2022
14	One Week FDP on "Planning, Execution and Evaluation of Project Work" NITTTR, Chandigarh		26	20-02-2023 to 24-02-2023
15	DST Sponsored National Level One week Training Program on "Role of IOT and Machine Learning in Design and Manufacturing" Under STUTI Program-2021 - ST/RND/ STUTI/ 2021/18)		30	11-07-2022 to 17-07- 2022
16	One Week Online Faculty Development Program on Optimization for Engineering Problems with MATLAB (ICT-149)		39	05-12-2022 to 09-12-2022
17	One day Workshop On "Business model Canvas(BMC)"		80	13-06-2022
18	Online Session on Angel Investment / VC Funding Opportunity For Early Stage Entrepreneurs"		80	27-06-2022
19	Workshop on Intellectual Property Rights (IPRs) and IP management for start-up		80	28-06-2022
20	One day Faculty development program on "Framework for research professional practices and ranking criteria"		80	18-03-2023
21	One Week online faculty development Program on "Online learning and online evaluation" NITTTR, Chandigarh		30	20-03-2023 to 24-03-2023
22	One Week online faculty development Program on "Development of Automation Competencies" NITTTR, Chandigarh		28	27-03-2023 to 31-03-2023

**Number of professional development /administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year: 2021-2022**

S. No	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for Non-Teaching staff	No. of participants	Dates (from-to) (DD-MM-YY)
1	A One Day workshop on "Ethics and Values to be followed in Cross Cultural work place"		208	29-01-2022
2	A One Day workshop on "Statistics as science and technology in research methods"		46	28-02-2022
3	A One Week Women Development Program “Impact of COVID-19 on Women”		191	1-02-2022 To 05-02-2022
4	Faculty Development program on “Ductility and Seismic Design of Civil Engineering Structures”		100	11-10-2021 To 16-10-2021
5	Faculty Development program on “Advanced Methods in Exploration of Ground Water”		36	2-05-2022 To 7-05- 2022
6	A One Day workshop on " Breaking down data science"		180	06-11-2021
7	A One Week Faculty Development Program (FDP) on "Artificial Intelligence and Machine Learning"		250	25-10-2021 To 30-10-2021
8	6th International Conference on "Computational Intelligence in Data Mining"		46	11-12-2021 To 12-12-2021
9	A One Week Faculty Development Program (FDP) on "Soft Computing Techniques and Hands on with MATLAB"		250	9-05-2022 To 13-05 2022
10	A One Week Faculty Development Program (FDP) on "IoT for Technical Applications"		78	26-07-2021 To 30-07-2021
11	National level one week online faculty development programme on “Power Electronic Converters Applications in Smart Grid"		160	5-10-2021 To 10-10-2021
12	National level one week online faculty development programme on “Recent Innovation and Emerging Advances in Electrical Engineering (RIEAAE-22)		210	4-04-2022 To 9-04- 2022
13	A One week Faculty Development Program on "Recent Trends in Internet of Things with hands on expertise"		25	27-12-2021 To 31-12-2021
14	Two day Faculty Development Program on "Advances in Contemporary Issues and Practices in Business Management on 21st Century"		50	20-10-2021 To 21-10-2021
15	Faculty Development Program on "Research Techniques and Advancements in Mechanical Engineering"		30	21-02-2022 To 26-02-2022
16		Training Program on “Laboratory Safety”	11	20-10-2022
17		A One Day Skill Development Programme on “Hands on Python”	11	16-03-2022
18		A Two Day Laboratory Training Course on “FPGA Programming using Xilinx"	16	27-05-2022 To 28-05-2022
19		A One Day Skill Development Programme on “Fire Hazards and Safety Training Measures”	11	18-03-2022

6.3.3 Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year: **2020-21**

S.NO	Name of the Convener	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
1	Dr.D.Sreeramulu	Advanced Manufacturing Enterprise in Digital Era		110	01/06/2020 to 05/06/2020
2	Dr.PK Gouda, Dr.K.Kiran Kumar	One Week Online Mode Faculty Development Programme on “challenges and research opportunities in micro grid operation control and protection”		203	15/06/2020 to 19/06/2020
3	Dr.Janmenjoy Nayak, Dr.TPR Vital, Dr.B.Kameswara Rao	FDP ON Intelligent Computing in Data Science(ICDS-2020)		200	16/06/2020 to 20/06/2020
4	Sri.S. Ramlal, Sri.G.Gowrisankara Rao	One Week Online Mode Faculty Development Programme on “Performance of Reliable Materials in Concrete”		150	29/06/2020 to 03/07/2020
5	Dr.G.Vasanthi, Dr.M.V.Ratnamani, Smt.N.Sailaja	Over Come your Mental Barriers -Unleash your Inner Potential		50	01/07/2020 to 05/07/2020
6	Dr.G.Vasanthi, Dr.M.V.Ratnamani	Statistical Trends and Practices in Science and Technology		160	04/07/2020 to 08/07/2020
7	DR.A.S.Srinivasa Rao, Dr.B.Rama Rao	STTP on Antenna Design and Analysis Using Mathematical Solvers- Phase-I		194	27/07/2020 to 01/08/2020
8	Dr.G.N Rao, Dr.B.Ramesh Naidu	Two Day Workshop on Design Thinking		132	29/07/2020 to 30/07/2020
9	Dr.G.Vasanthi	Physical and Emotional Well Being		50	07-08-2020
10	DR.A.S.Srinivasa Rao, Dr.B.Rama Rao	STTP on Antenna Design and Analysis Using Mathematical Solvers- Phase-II		174	07/09/2020 to 12/09/2020
11	DR.A.S.Srinivasa Rao, Dr.B.Rama Rao	STTP on Antenna Design and Analysis Using Mathematical Solvers- Phase-III		73	29/10/2020 to 03/11/2020
12	Dr.R.Sivasankara Raju, M.Venkatesh	Emerging Trends in Composite Materials & Additive Manufacturing		45	9/11/2020 to 13/11/2020
13	Dr. D.Vijaya Kumar,Sri. B.Manmadha kumar,Dr. G. Ramarao	AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles"		200	16/11/2020 to 20/11/2020
14	Dr.V.Sowjanyaavani, Dr.P.Dinakar	A Five Day Faculty Development Program on Performance and Sustainability of Eco-friendly materials in Concrete		50	20/12/2020 to 24/12/2020
15	Dr.G.S.N.Murthy, Dr.K.Yogeswara Rao	ATAL FDP ON "Artificial Intelligence"		130	01/01/2021 to 05/01/2021
16	Dr.B.Rama Rao, Dr.Kirankumar Patro	FDP on Recent Advances in VLSI Design		46	18/01/2021 to 23/01/2021
17	1. Dr. K. Kiran Kumar 2. Dr. G. Ramarao 3. Sri. S.Kumara Swamy	AICTE Sponsored Oneweek STTP on Applications of intelligent techniques in microgrid control		44	06/04/2021 to 11/04/2021
18	Dr.B.Ramesh Naidu, Nibedan Panda	Two Weeks FDP on Machine Learning Using Python Programming		221	22/04/2021 to 05/05/2021
19	Dr.V.Chittibabu, P.Srihari	One Week STTP on Application of FEM in Fracture Mechanics		50	03/05/2021 to 08/05/2021
20	Dr.B.Ramesh Naidu, VAG Raju	Machine Learning Using python Prog.		61	10/06/2021 to 16/06/2021
21	Dr. D.Yugandhar		Laboratory Training Program on DSP Processors with MATLAB	15	18/12/2020 to 19/12/2020
22	DR.K.Kiran Kumar, 2.DR.P.K.Gouda,		Two days workshop on labview software	11	10/02/2021 to 11/02/2021
23	Dr.Y.Ramesh		Awareness Program on Cyber Crimes and Security	12	10/04/2021 to 11/04/2021