I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

The Education Group
Ghaziabad • Greater Noida
(Estd. : 1995)

ANNUAL REPORT 2022-23

I.T.S Engineering College affiliated to Dr. A. P. J. Abdul Kalam Technical University Uttar Pradesh (AKTU), Lucknow and approved by All India Council for Technical Education (AICTE), Ministry of Human Resources Development (MHRD), Govt. of India, The College has unremittingly championed the cause of technical education. The institute ensures academic acumen, students' holistic development, state-of-the-art infrastructural facility and sturdy placement opportunities for a wholesome learning environment that nurses and promotes all round growth of our young guns.

The purpose of this annual report is to showcase the numerous FDP Programs and Research that ITS teachers engaged in throughout the 2022-23 year. Student learning results are greatly impacted by the Commitment of teachers, and improve their learning opportunities, encourage to create a supportive classroom atmosphere.

This yearly report showcases the Programs and contribution towards Research that teachers have implemented to demonstrate their dedication to professional development, student-centered learning, and community engagement. Teachers' efforts have resulted in the creation of a stimulating learning environment that encourages diversity, academic performance, and overall development. Teachers' commitment and imagination are essential in enabling pupils to be ready for the chances and challenges that await them in the future. Parents, students, and the institute management would like to thank the teachers for their outstanding work during the reporting period.

Table 1 presents the summary of the programmes undertaken by the teachers and Non-Teaching Staff in 2022-23.

Table 1:FDP and Training undertaken by the teachers and Non-Teaching Staff in 2022-23.

Academic session	Number of Teaching staff participated in FDP / PD / Administrative Training programs	Number of non-teaching staff participated in FDP / PD / Administrative Training programs
2022-23	56	0

Table 2: Details of FDP attended by teaching staff in 2022-23.

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Venue
Dr. Vrinda Sachdeva	NPTEL Course Python for Data Science	01st July to 01st August, 2022	Online Course by Swayam

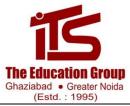# I.T.S ENGINEERING COLLEGE
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Ms. Manju Singh	Block chain Technology and Its Applications	25th July to 30th July, 2022	JIIT, Noida
Ms. Pragati Tripathi	Designing and Modelling of IoT, AI & ML Systems	01st August to 5th August,2022	ST Microelectronics, India,Sponsored by ATAL
Shalu Tyagi	FDP on Recent Techniques in Management Research	31st August to 05th September 2022	ABES Business School, Ghaziabad
Dr. Monika Jain	VLSI Devices and Circuits for AI Applications	19th Septemebr to 23rd September,2022	GCET, Gr. Noida,Sponsored by NITTTR,Chandigarh
Dr. Setu Garg	IoT Enabled PLC	10th October to 14th October, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Dr. Setu Garg	Power Electronics for Renewable Energy Applications	31st October to 04th November, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Dr. Monika Jain	Advances in Electrical and Electronics Engineering	14th November to 18th November, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Dr. Setu Garg	Advances in Electrical and Electronics Engineering	14th November to 18th November, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Dr. Monika Jain	MATLAB - Artificial Intelligence and Optimisation Techniques	21st November to 25th November, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Dr. Setu Garg	MATLAB - Artificial Intelligence and Optimisation Techniques	21st November to 25th November, 2022	Chandigarh University,Sponsored by NITTTR,Chandigarh
Ms. Pragati Tripathi	MATLAB - Artificial Intelligence and Optimisation Techniques	21st November to 25th November, 2022	Chandigarh University,Sponsored by NITTTR, Chandigarh
Ms. Pragati Tripathi	Awareness of Electronic Tools for System Design	19th December to 24th December, 2022	IEEE Sponsored,Sri SaiRam Institute of Technology, Chennai
Ms. Pragati Tripathi	Integration of WSN &IOT for agriculture	02nd January to 13th January,2023	JSSATE,Noida,Sponsored by ATAL
Sana Vakeel	Refresher Course on " Advanced Research Methodology"	23rd January to 06th February,2023	Ramanujan College, University of Delhi.

Shalu Tyagi	MDP on Multivariate Data Analysis	06th February to 10th February,2023	Birla Institute of Technology
Dr. Vrinda Sachdeva	FDP on Advanced Excel with Data Visualization By E & ICT Academy	13th February to 17th February,2023	Online by IIT Kanpur
Mr. Tarun Chugh	FDP on Advanced Excel with Data Visualization By E & ICT Academy	13th February to 17th February,2023	Online by IIT Kanpur
Ms. Akansha Sharma	FDP on Advanced Excel with Data Visualization By E & ICT Academy	13th February to 17th February,2023	Online by IIT Kanpur
Ms. Varsha Kumari	FDP on Python Programming	13th February to 17th February,2023	Online by IIT Kanpur
Dr. Arun Kumar	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Mr. Aditya Tyagi	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Mr. Mayank Raj	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Mr. Prashant Kumar	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Mr. Tarun Chugh	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Dr. Vrinda Sachdeva	FDP on Cyber Security By E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Mr. Prashant Kumar	FDP on Data Visualization for Deep Learning Using Power BI and Tableau	23rd February to 28th February,2023	NIT Warangal
Ms. Shailja Varshney	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Ms. Rakhi	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Ms. Varsha Kumari	FDP on Cyber Security BY E & ICT Academy	20th February to 24th February,2023	Online by IIT Kanpur
Ms. Shailja Varshney	FDP on IOT & Drone BY E & ICT Academy	27th February to 04th March, 2023	Online by IIT Kanpur
Ms. Rakhi	FDP on IOT & Drone BY E & ICT Academy	27th February to 04th March, 2023	Online by IIT Kanpur
Ms. Varsha Kumari	FDP on IOT & Drone BY E & ICT Academy	27th February to 04th March, 2023	Online by IIT Kanpur

Mr. Aditya Tyagi	FDP on Recent Trends in Cognitive Science & its applications by CSI, ACM	13th March to 18th March, 2023 1	Vikram University
Dr. Arun Kumar	FDP on Cloud Practitioner Conducted by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Dr. Ashish Kumar	FDP on Cloud Practitioner by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Dr. Vrinda Sachdeva	FDP on Cloud Practitioner by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Mr. Aditya Tyagi	FDP on Cloud Practitioner by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Mr. Manik Pandey	FDP on Cloud Practitioner Conducted by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Mr. Mayank Raj	FDP on Cloud Practitioner Conducted by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Ms. Rakhi	FDP on Cloud Practitioner Conducted by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Ms. Shailja Varshney	FDP on Cloud Practitioner Conducted by AWS	17th April to 21st April,2023	ITS Engineering College , Greater Noida
Mr. Vijay Tiwari	FDP on Education 5.0	15th May to 19th May, 2023	Online by IIT Kanpur
Sana Vakeel	FDP on Scientific Writing and research Ethics	29th May to 2nd June,2023	I.T.S School of Management Institute of Technology and Science
Dr. Ashish Kumar	FDP on Cyber Security by R-CAT & EC Council	05th June to 09th June,2023	IFCAI University, Jaipur
Mr. Manik Pandey	FDP on Self Balancing Robot Design	16th June to 17th June, 2023	ITS Engineering College , Greater Noida
Dr. Arun Kumar	FDP on Entrepreneurship Development by DST	19th June to 02nd July, 2023	ITS Engineering College , Greater Noida
Aungkar Bhagat	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Niharika Shukla	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST

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Harsh Gupta	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Bhupesh Ojha	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
chetan dixit	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Neha Gupta	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Rohan Srivastava	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Dr Sanjay Yadav	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST
Praveen KR Yadav	FDP on Enterpreneurship Development	19th June - 2 july 2023	Online Sponsored by DST

Table 3 presents the summary Research Paper and Book Chapter Published by the teachers in 2022-23.

Table3:Research Paper and Book ChapterPublished by the teachers in 2022-23.

Academic Year	Research Paper published by teachers	Book Chapter Published by Teachers
2022-23	3	4

Table 4 :Details of Research Paper Published by teaching staff in 2022-23.

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number
Standardized Phylogenetic Evolutionary Analysis based on an Alignment Free Sequence Comparison Technique	Dr Ashish Kumar	CSE	Journal of Pharmaceutical Negative Results	2022-23	ISSN: 2040-2295 (Print) ISSN: 2040-2309 (Online) (SCIE)
Applications and Analytics of Bioinformatics, Healthcare Informatics for Modern Healthcare Systems	Dr Ashish Kumar	CSE	Romanian Journal of Information Technology and Automatic Control	2022-23	ISSN: 1841-4303

Functionally graded polar orthotropic rotating disks investigating thermo-elastic behavior under different boundary conditions	Dr Sanjay Yadav	ME	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-23	Electronic ISSN 1955-2505 Print ISSN 1955-2513

Table 5: Details of Books and chapters published in edited volumes/books.

Name of the teacher	Title of the book/chapters published	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Ashish Kumar	Lecture Notes in Networks and Systems Vol. 615	International	2022- 23	978-981-19-9304-6	I.T.S Engineering College	**Springer**
Vrinda Sachdeva	Advances in Computing, Communication Control and Networking (ICAC3N)	International	2022- 23	10.1109/ ICAC 3N56670.2022	I.T.S Engineering College	**IEEE**
Ashish Kumar	Lecture Notes in Networks and Systems Vol. 641	International	2022- 23	23673370	I.T.S Engineering College	**Springer**
Shailja Varshney	Communication, Networks and Computing	International	2022- 23	**978-3-031-43140-1**	I.T.S Engineering College	**Springer**