




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electronics & Communication Engineering.



FACULTY PROFILE

1. Personal Details

NAME	Dr. CHHAYA GROVER	
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING	
DESIGNATION	ASSOCIATE PROFESSOR	
PHONE	9818335339	
EMAIL ID	chhayagrover@jssaten.ac.in	
Date of Joining (JSSATEN)	11-09-2004	

2. Experience

Total Experience in Years: 30	Teaching: 24.5 Years	Industry: 5.5 Years	Research: 08 Years
-------------------------------	----------------------	---------------------	--------------------

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech.	Electronics & Communication	1989	I.E.T. Lucknow	Dr. A. P. J. Abdul Kalam Technical University, Lucknow
M.Tech.	Electronics & Communication	1998	NIT Kurukshetra	National Institute of Technology Kurukshetra
Ph.D.	Vibration Signal Processing	2021	YMCA, Faridabad	J.C. Bose University of Science and Technology, YMCA, Faridabad
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: 00
---	-------------------	--------------

Papers Published in SCOPUS indexed Journals	International: 02	National: 00
Papers Published in other Journals	International: 04	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 02
Books / Book chapters Published	Name of the book: NIL Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	No	NA
Ph.D.s / Projects Guided	Ph.D. Awarded: No Guiding: NIL	Projects at Master's Level: 2 Projects at Bachelor's Level: 55

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
-	-	-

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

7. Awards Received

Awards “Best Paper Award”	Nil
--	-----

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	Optimal Statistical Feature Subset Selection for Bearing Fault Detection and Severity Estimation	Chhaya Grover, Dr. Neelam Turk	Shock and Vibration ISSN: 1070-9622	Special issue (2020)	SCIE, SCOPUS	1.543	Hindawi
2.	Rolling Element Bearing Fault Diagnosis using Empirical Mode Decomposition and Hjorth Parameters	Chhaya Grover, Dr. Neelam Turk	Procedia Computer Science ISSN: 1877-0509	Vol 167 (2020)	Scopus	2.09	Elsevier Science Direct
3.	Rolling Element Bearing Fault detection using Statistical Features and Ensemble classifiers	Chhaya Grover, Dr. Neelam Turk	International Journal of Engineering and Advanced Technology ISSN: 2249-8958	Vol-9 Issue-3, February (2020)	Scopus	0.11	BEIES P
4.	Vibration Signature Analysis using Rough Sets and Analogy-Based	Chhaya Grover, Dr. Neelam Turk	International Journal of Recent Technology and Engineering ISSN:	Vol-8 Issue-6, March (2020)	Scopus	0.17	BEIES P

	Reasoning Classification		2277-3878				
5.	A Novel Fault Diagnostic System for Rolling Element Bearings using Deep Transfer learning on Bispectrum Contour Maps	Chhaya Grover, Dr. Neelam Turk	Elsevier's "Engineering Science and Technology, an International Journal" ISSN: 2215-0986	Available online 24 Sept 2021	SCIE, WoS, SCOPUS	4.360	Elsevier Science Direct

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
-	-	-	-	-	-	-	-

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	Rolling Element Bearing Fault Diagnosis using Empirical Mode Decomposition and Hjorth Parameters	Chhaya Grover, Dr. Neelam Turk	International Conference on Computational Intelligence and Data Science (ICCIDS 2019)	-	Scopus	-	-
2.	Text Segmentation technique for Smart City Applications	Chhaya Grover, Sangeeta Mangesh	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronics Systems	-	-	-	-

			(ICCSEMS - 2020)				
3	Qualitative & Quantitative Comparison of Single Image Haze Removal Algorithms on Real-World Hazy Images	Chhaya Grover	An Online National Conference on Smart Energy, VLSI and Embedded Systems (NCSEVES-2021)	-	-	-	-

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	VLSI Education Workshop	MNIT Jaipur	8 th March-12 th March 2005
2	Faculty Development Program on Signal Processing” as part of Indo-US Engineering Faculty Leadership Institute	Global Education Center of Infosys Technologies, Mysuru	30 th June- 4 th July 2008
3	Summer Faculty Research Fellow Program-2013	IIT Delhi	16 th May - 1 st July 2013
4	IEEE Authorship Workshop	IIT Delhi	11th August 2014
5	ICT Based FDP on VLSI Design	NITTR Chandigarh and JSSATE, Noida	5 th Oct. -9 th Oct. 2015
6	Signal Processing & Its Applications	DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY and JSSATE, NOIDA	23 rd April – 28 th April 2018
7	Industrial automation with Robotics & 3D printer	DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY and JSSATE, NOIDA	4 th June- 9 th June 2018
8	“Research Methodology for Physical Sciences and Engineering”	Ch. Ranbir Singh Institute of Social & Economic Change, Maharshi Dayanand University, Rohtak.	11 th May -17 th May 2020
9	Global E-Symposium on “Global Pandemic Outbreak: Role of	Department of Computer Science	1 st June, - 5 th June, 2020

	Technology & Automation”	and Engineering, JSS Academy of Technical Education, Noida.	
10	FDP on Python in association with spoken tutorial IIT Bombay	National Mission on Education through ICT, MHRD, Govt. of India	22 th June – 5 th July, 2020
11	International Webinar on "EMERGING TRENDS IN ELECTRONICS, COMMUNICATION AND INFORMATION TECHNOLOGY	Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Noida.	2 nd -7 th July 2020
12	FDP on “Effective Teaching Pedagogy: An Assessment Tool for Accreditation”	Inderprastha Engineering College, Ghaziabad	20 th - 22 nd July, 2020
13	LATEX Application for Researchers	Vidyavardhaka College of Engineering (VVCE), Mysuru.	20 th - 24 th July, , 2020
14	Outcome Based Education-A New Perspective	Vidyavardhaka College of Engineering (VVCE), Mysuru.	27 th - 30 th July, 2020
15	AICTE’s Examination Reform Policy	AICTE and Chitkara University	26 th - 28 th July, 2021
16	A2Z of NBA Accreditation Process	IPEC, Ghaziabad	24 th August 2021- 9 th September 2021

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	National Conference on VLSI Education	JSSATE, Noida	23 rd July- 27 th July 2007	Co-ordinator
2	FDP on Digital Signal Processing	U P Technical University , Cranes Software and JSSATE, Noida	22nd Jan 2009 to 23rd Jan 2009	Co-ordinator
3	Workshop on Embedded Systems	JSSATE Noida	22nd	Co-ordinator

			September 2012	
4	ICT Based FDP on VLSI Design	NITTR Chandigarh and JSSATE, Noida	5th Oct.2015 to 9th Oct.2015	Deputy Co-ordinator
5	FDP on Signal Processing & Its Applications	DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW and JSSATE, NOIDA	23rd April 2018 to 28th April 2018	Organizing Committee Member
6	International Webinar on "EMERGING TRENDS IN ELECTRONICS, COMMUNICATION AND INFORMATION TECHNOLOGY"	JSSATE, Noida	2 nd July 2020-7 th July 2020	Organizing Committee Member
7.	An Online National Conference on Smart Energy, VLSI and Embedded Systems (NCSEVES-2021)	JSSATE, Noida	24 September, 2021	Organizing Committee Member

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
-	-	-	-

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Non-Conventional Energy Resources	IIT Madras	May 2018	-

10. Membership of Professional Bodies:

1. ISTE Life Membership

11. Any other information you will like to share about your professional experience.

-