

Faculty Profile

Faculty Name	Pankaj Batra
Designation	Assistant Professor
Qualification	Ph.D*, M.Tech, B.Tech
Email	pankajbatra.ece@piet.co.in
Area of Interest	Signal Processing
Work Experience (Total)	8 Years
<ul style="list-style-type: none"> • Teaching 	8 Years
<ul style="list-style-type: none"> • Research 	Nil
<ul style="list-style-type: none"> • Industry 	Nil
<ul style="list-style-type: none"> • Others 	Nil
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma : BEEE U.G : CONTROL SYSTEM, ELECTRONIC DEVICES, ANALOG ELECTRONICS, ANALOG & DIGITAL COMMUNICATION.POWER ELECTRONICS P.G : DIGITAL COMMUNICATION
Membership of Professional Bodies	
Research Publications	
<ul style="list-style-type: none"> • Research Papers UGC-CARE 	04
<ul style="list-style-type: none"> • Research Papers SCOPUS 	
<ul style="list-style-type: none"> • Research Papers WoS/SCI/ABDC 	01
<ul style="list-style-type: none"> • List of Publications 	<ul style="list-style-type: none"> • Pankaj Batra “ Analysis of DIBL effect in MOSFET Working” STM Journal Volume-5 Issue 3 ISSN: 2455-3336, NOV-2018 • Pankaj Batra “Performance Analysis of [Non Ideal Effect of MOSFET Working” IJCRT Journal Volume-6 Issue-1 ISSN: 2320-2882, JAN-2018 • Pankaj Batra “Spectrum Sensing in Cognitive Radio by Statistical Matched Wevelet Method and Matched Filter” IJECT Journal Volume-7 Issue-1 ISSN: 2230-7109, 2016 • Pankaj Batra “Performance of LAS-CDMA System” IJSET Journal Volume-3 Issue-7 ISSN: 2277-1581, 2014 • Pankaj Batra “Performance Analysis of LA & LS Code in LAS-CDMA System” IJARECE Journal Volume-1 Issue-3 ISSN: 2278-909X, 2012
Book and Chapter Publications	Nil

• Books Authored published by International Publishers	
• Books Authored published by National Publishers	
• Publication of Chapter in Edited Books	
• Editor of Book by International Publishers	
• Editor of Book by National Publishers	
• Translation Work of Book	
• List of Book and Chapter Publications	
Patents	Nil
• Published	
• List of published patent(s)	
• Filed	
• List of filed patent(s)	
PhD Guidance	
• Degree Awarded	
• Thesis Submitted	
M.Tech. Guidance	Ms. Saloni “ SPECTRUM SENSING IN COGNITIVE RADIO BY STATISTICAL MATCHED WAVELET THROUGH ENERGY DETECTION”
• Degree Awarded	Yes
• Thesis Submitted	Yes
Research Project	01
• List of Research project	“SPHM” MICROPROCESSOR CHALLENGE Sponsored By : MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA
Consultancy	
• List of Consultancy	
Awards & Honours	
• List of Awards & Honours	Awarded with Gold Medal for Standing First in M.Tech.
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	

<ul style="list-style-type: none"> • International (Within Country) 	
<ul style="list-style-type: none"> • National 	<ul style="list-style-type: none"> • Pankaj Batra “Performance Analysis of LA & LS Code in LAS-CDMA System” National Conference on Advances in Communication, Computer and Electrical Engineering ACCE-2012, Organised by MITRC Alwar. • Pankaj Batra “ Performance Analysis of LAS- CDMA system” Global Challenges Role of Sciences & Technology in Giving Their Solutions: GCRSTS-2012, Organised by TITS Bhiwani.
<ul style="list-style-type: none"> • List of published papers 	
Organizing National Conference/ International Conference/ FDP/STTP	
<ul style="list-style-type: none"> • List of Conference/FDP/STTP committee 	
Social Contributions and Sports	
<ul style="list-style-type: none"> • List of Social Contributions and Sports 	