

**FACULTY INFORMATION**

PERSONAL INFORMATION	
<b>Name</b>	Dr. Shweta Gupta
<b>Designation</b>	Associate Professor
<b>Official Email ID</b>	<a href="mailto:g.shweta@jainuniversity.ac.in">g.shweta@jainuniversity.ac.in</a>
<b>Academic Experience</b>	12 years
<b>Industry Experience</b>	6 years
<b>Core Discipline</b>	Electronics and Communication
<b>Specialization</b>	Biomedical Electronics
<b>Research Interest</b>	Bioinformatics, Biomedical Electronics, Bionics



PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D.	2016	Dr. K N Modi University
Executive MBA	2011	IIM Lucknow
MS	2006	BITS Pilani
BE	2002	Pune University

SUMMARY OF RESEARCH PUBLICATIONS		
INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
ACM International Conference Proceedings	ISBN:978 - 1 - 4503 - 7571 - 9 Indexed by Scopus and Ei - Compendex	Smartphone based early detection of epileptic seizures using machine learning.
Springer Nature Singapore Pvt. Ltd.	pp 415 - 423 , Vol 989, August 2019	Bionics based camouflage clothing for soldiers.
ACM International Conference Proceedings	ISBN:978 - 1 - 4503 - 6366 - 2	Bionics based emergency contact for treatment of epilepsy.
Springer Nature Singapore Pvt. Ltd.	Vol 624, ISBN:978 - 981 - 10 - 5902 - 5, 439155_1_En, (123)	Bionic functionality of prosthetic hand.
International Journal of Life Sciences Biotechnology and Pharma Research (JLBPR)	Vol 4 , No. 2 , April 2015, ISSN:2250 - 3137	Bionics based solar powered clothing for treating parkinson's disease and epilepsy.
International Journal of Electrical and Electronics Engineers (IJEET)	Vol 7 , Issue 2, July – December 2015 ISSN:2321 - 2055	Bionics based approach for treatment of epilepsy.
International Journal of Electrical, Electronics and Data Communication(IJEED)	Vol 2 , Issue 3, March 2014, ISSN:2320 - 2084	Visual prosthesis for macular degeneration and retinitis pigmentosa.
International Journal of Scientific Research Engineering and Technology (JSRET)	Vol 1 , Issue 5, pp 049 - 052, August 2012, ISSN:2278 - 0882	Neurostimulators used in brain for parkinson's disease and epilepsy using bionics.
International Journal of Advancements in Research & Technology (IJART)	Vol 1 , Issue 5, October 2012, ISSN:2278 - 7763	Cochlear implant using neural prosthesis.

NATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Scholars Journal of Engineering and Technology (SJET)	2 (3C), 488 - 490 , ISSN:2321 - 435X (Online), ISSN:2347 - 9523 (Print)	Repetitive Transcranial Magnetic Stimulation

SUMMARY OF CONFERENCES PARTICIPATED		
INTERNATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
ICBBT	Hong Kong Group of Conferences (HKCBEEES), China Conference	2020
SES Conference	SES, Rome, Italy	2020
ICBBT	Hong Kong Group of Conferences (HKCBEEES),Stock Holm, Sweden	2019
ICICCD	University of Petroleum Studies, Dehradun, India	2018
ICBBT	Hong Kong Group of Conferences (HKCBEEES), Amsterdam ,UK	2018
ICICCD	University of Petroleum Studies, Dehradun, India	2017
ICBBT	Hong Kong Group of Conferences (HKCBEEES), Singapore	2015
International Conference on Electrical, Electronics and Robotics (ICEER)	Goa, India	2013
International Conference on Emerging Advance Technologies for Human Development (EATHD)	Shanti Institute of Technology, Meerut,India	2012

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
Advances in Material Science For Energy Applications (AMSEA)	University of Petroleum Studies, Dehradun,India	9 <sup>th</sup> - 10 <sup>th</sup> January 2014

National Conference of Research and Development In Computational and Information Technology (NCRDCIT)	SRM University , Modinagar,India	7 <sup>th</sup> and 8 <sup>th</sup> September 2012
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AWARDS / HONORS / ACHIEVEMENTS		
Nature	Year	Awarding Institution
Senior Member of CBEEES Series Hong Kong Group of Conferences	2020	HongKong Group of Conferences (HKCBEEES)
Session Chair in China Conference (ICBBT)	2020	HongKong Group of Conferences (HKCBEEES)
Keynote Speaker in SES Conference to be Held in Rome, Italy	2020	SES Conference
Guest Editor – Chief and Reviewer	2020	IGI Global Incorporation , USA
Reviewer for INSPIRE Awards MANAK	2020	Department of Science and Technology (DST) , Government of India
Senior Scientist Under International Travel Support Scheme	2015	Science and Engineering Research Board (SERB Department)
0.1 Percent of Successful Candidates of CBSE in 12 <sup>th</sup> standard	1997	CBSE Board

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Certified Trainer	2018	National Skill Development Co-orporation (N.S.D.C.)
Central Co-ordinator	2015 - 2016	IIT Bombay
Central Co-ordinator	2015 - 2016	QEEE , IIT Madras

POSITIONS HELD IN THE PRESENT ORGANIZATION		
Designation	From - To	Institution / Organization
PG Co-ordinator	September 2017- Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology

RESEARCH GUIDANCE		
Total No. of Students Guided	Ph.D.	M.Phil
2	2	NIL

RESEARCH PROJECTS		
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)	Status of the Project (Ongoing / Completed)
Artificial Light Using Bionics	Jain (Deemed-to-be University) - Funded Project	Ongoing