

Somaiya Vidyavihar University

Name: Megha Sharma		E-mail: meghasharma@somaiya.edu	
Contact No: 9167410848			
Department/Section: Electronics			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 8-10-2012	Career Experience: 15 Yrs	Industry Experience: Nil	Teaching Experience: 15 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: No	

Area of research/specialization and Courses Delivered					
Research domain/interests/areas					
<ol style="list-style-type: none"> Control Systems Industrial Sensors 					
Courses Delivered					
<ol style="list-style-type: none"> Control system DBMS Sensor Actuator in ARVR Industrial Product Design Element of Electrical and Electronics Engineering Virtual Instrumentation and Industrial Automation Electrical Network Management Information System Instrumentation 					

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions			
<ol style="list-style-type: none"> Assistant Professor at Somaiya Vidyavihar University 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/ SPI/ %Marks
Ph.D	Ph.D.	Banasthali University	Banasthali Vidyapith	Pursuing	
PG	M.E. Control Syetem	J.N.V.U. Jodhpur Rajasthan	M.B.M. Engg. College (Govt. College)	2012	77%
UG	B.E. Electronics and Communication	Raj. University JIET , Jodhpur	JIET , Jodhpur	2007	79%
Diploma	-				
NET/SET/Other	-				

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)

Somaiya Vidyavihar University

1.	JIET Jodhpur	Assistant Professor	July 2007	October 2011	4 year 4 Month
2.					

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date:-		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:		No of students / groups completed UG projects as on date:
Publications Total:	Number of Peer review Journal papers: 1	Number of Conference papers:
Details of Publications: International Journals <ol style="list-style-type: none"> 1. A Case Study: Active Learning approaches to improve learning in Electrical Network Journal of Engineering Education Transformations Volume 31 , No. 3, January 2018, ISSN 2349-2473, eISSN 2394-1707 , IUCEE January 2018 Conferences <ol style="list-style-type: none"> 1. SIMSCAPE: A MATLAB Toolbox For Designing Analog Circuits International Conference on Computer Engineering and Technology, Organized by JIET in Association with IEEE 13-14 November, 2010 2. A Case Study: Efforts for Improvement in Attainment of Course Outcomes in Control System Engineering , Fourth International Conference on Transformations in Engineering Education (ICTIEE 2017) in January, 2017 ,IUCEE January 11-12 2017 3. Usage of Moodle to Improve Teaching Learning Process in Control System Engineering ICTIEE 2019, by IUCEE 4. Study of performance analysis of IOPID and FOPID ICATE 2018 “International Conference on Advanced Trends in Engineering” 6th - 7th April, 2018 5. Review of Fractional Order Control , ICATE 2017 “International Conference on Advanced Trends in Engineering” 7th - 8th April, 2017 6. Experiential Learning Approach in Teaching Methodology IUCEE-APICTIEE 2018 July 2018 7. Project based learning: Effective tool for a course on Electronic Product design ICTIEE 2020 , DOI: 10.16920/jeet/2020/v33i0/150157 Volume 33, special issue JEET January 2020 8. HDTV, National Level Seminar ETET : Vision 2020 Organized by The Institution of Engineers(India) at JIET Jodhpur. March 2009 		
Patents/Copy Rights Nil 1.		
No of Research / consultancy / projects completed: Rs:20000/-	No of Research / consultancy / projects on-going: Nil Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed <ol style="list-style-type: none"> 1. “ A novel Approach to design and implement Smart Energy Meter” at University of Mumbai Research Project No. 1077 ref No. (AAMS/ICD/106 of 2021) dated 23 July 2021 		
IPR/ Copyrights Nil		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Somaiya Vidyavihar University

Attended

1. FDP on Automation System Design and Analysis using Automation Studio Software by Dell Soft October 2021
2. FDP on IOT and applications(Smart Systems) by EICT Academy IIT Guwahati
3. One day workshop on "Arduino" organised by IIT Bombay RC: K J Somaiya College of Engineering 08-02-2020
4. FDP on "R Programming", PCE, Panvel

5. An online STTP on MATLAB based teaching-learning in Mathematics, Science and Engineering RAIT, Nerul
6. STTP on "Emerging Trends in the Field of Mechatronics", K J Somaiya College of Engineering
7. Workshop eSlim, a First Course in the IoT Series for Teachers MES Pillai College of Engineering, New Panvel

Organized

1. LabVIEW core1 and core2 workshop FDP of 5 days December 16-20, 2014 In association with National Instruments
2. Course Coordinator for 1 week Online STTP on "Sensor IOT and machine Learning" June 1-5, 2020 KJSCE, Mumbai
3. Three day workshop on "Industry 4.0 and Smart manufacturing" Dated 2-4 February 2023 at KJSCE in association with IQAC

Notable Key Scholastic Achievements

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| 1. | Awarded Honors degree in UG |
| 2. | Awarded Honors degree in PG |

Notable Positions and Responsibility

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| 1. | ISTE teachers' Chapter Treasurer |
| 2. | IITN Virtual Lab Nodal Center Coordinator at KJSCE |

Life Member of Indian Society of Technical Education, New Delhi, India, since 2012.

Date: / / 2023

Signature of Faculty Member