Faculty Profile

Faculty Name	Mr. Mohit Lalit
Designation	Assistant Professor
Qualification	Ph.D*(CSE), M.Tech(CSE), B.Tech(CSE)
Email	mohit.cse@piet.co.in
Area of Interest	Underwater Sensor Networks
Work Experience (Total)	
• Teaching	**12 years**
• Research	
• Industry	
• Others	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Operating System, Computer Graphics, Data Structure, Design and Analysis of Algorithms, System Simulation, Computer architecture and Organization, Programming
Membership of Professional Bodies	**Institution of Engineers**
Research Publications	**8**
• Research Papers UGC-CARE	
• Research Papers SCOPUS	
• Research Papers WoS/SCI/ABDC	
• List of Publications	• A Proefficient Reputation and Power Aware system in Manet. Mohit Lalit, Deeksha Narula. Aug/2013, IETET(GIMT) • Various Protocols to Manage Coperation and Reputation in Manet. Mohit Lalit, Deeksha Narula. Aug/2013IJARCSE, ISSN: 2277 128X • Comparative Analysis of Various Wavelet Filters for Compression of an Image. Mohit Lalit, Kamya gupta, July 2014. recent trend and issues in engineering and technology. • A Review on Comparative Analysis of Various

	Wavelet Filters for Compression of an Image. MOHIT LALIT, KAMYA GUPTA. VOLUME 2, ISSUE 7, JULY 2014. IJRIT INTERNATIONAL JOURNAL OF RESEARCH IN INFORMATION TECHNOLOG, VOLUME 2, ISSUE 7, JULY 2014 • Multi-Objective Energy Efficient Node Deployment in Wireless Sensor Networks. Ruby Saini, Mohit Lalit. Volume 02, Issue 08; August-2016. International Journal of Recent Trends in Engineering & Research (IJRTER) • A Survey on Multi-Objective Node Deployment in Wireless Sensor Networks. Ruby Saini, Mohit Lalit.. Volume 05, Issue Nov 2016. International Conference on Emerging trends in Engineering and Technology., ISBN:978-81-931119-4-9 • HYBRID DIFFERENTIAL EVOLUTION - PARTICLE SWARM OPTIMIZATION (DE-PSO) BASED CLUSTERING ENERGY OPTIMIZATION ALGORITHM FOR WSN. POOJA KESHWER, MOHIT LALIT. VOLUME 02, ISSUE 08; AUGUST-2016.. INTERNATIONAL JOURNAL OF RECENT TRENDS IN ENGINEERING & RESEARCH (IJRTER) • Various clustering schemes in Wireless Sensor Network". Pooja Keshwer, Mohit Lalit. Volume 05, Issue Nov 2016.. International Conference on Emerging trends in Engineering and Technology.
Book and Chapter Publications	
• 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	
• Published	
• List of published patent(s)	
• Filed	
• List of filed patent(s)	
PhD Guidance	
• Degree Awarded	
• Thesis Submitted	
M.Tech. Guidance	
• Degree Awarded	
• Thesis Submitted	
Research Project	
• List of Research project	
Consultancy	
• List of Consultancy	
Awards & Honours	
• List of Awards & Honours	
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	
• International (Within Country)	
• National	• Resource person at FDP on "ICT in Education and Cyber-Security (July 10-16, 2019)" at **HANSRAJ COLLEGE, UNIVERSITY OF DELHI (15th July 2019)** under the aegis of PMMMNMTT, MHRD. • Resource person at FDP on "Entailing Vitality of ICT in Capacity Building of Faculties (Aug 17-Aug

	22, 2019)" at **Dr. Shyama Prasad Mukherjee University, Ranchi (20th August 2019)** under the aegis of PMMMNMTT, MHRD. • Resource person at FDP on "Transformation in Higher Education: Issues and Road Ahead" (28th September- 12th October, 2020)" jointly organized by HANSRAJ COLLEGE, UNIVERSITY OF DELHI and GOVERNMENT DEGREE COLLEGE FOR WOMEN, ANANTNAG (J&K), taken session on **"Redesigning Higher Education for Building Research Capability and Employability Skills"** on 6th October, 2020 under the aegis of PMMMNMTT, MHRD.
• List of published papers	• Shakti Arora, Dinesh Chander Verma, Vijay Athavale **"A secured automated Attendance Management System implemented with Secret Sharing Algorithm:A solution in pandemic outreach of Covid-19",** *2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC)*, Waknaghat, Solan, India, 2020, IEEE Xplore pp. 141-145, doi: 10.1109/PDGC50313.2020.9315854 **(Scopus Indexed)**. • Dinesh Chander and Rajneesh Kumar **"Performance Analysis of Multicast Routing Protocols Over MANET Under CBR and VBR Traffic Patterns"** In: Futuristic Trends in Network and Communication Technologies. FTNCT 2018. Communications in Computer and Information Science, vol 958. Springer, Singapore; Print ISBN: 978-981-13-3803-8 ; Online ISBN: 978-981-13-3804-5 **(Scopus Indexed).** • Dinesh Chander, Rajneesh Kumar and Deepika Sareen **"A Survey of Issues Related to Multicast Routing Protocols over Mobile Ad hoc Networks"** Published in the proceeding (Volume 1 , Page no. 169-175 ISBN: 978-93-83842-55-1) of an International conference "Emerging Technologies" under TEQIP-II held at N.C. College of Engineering from 24th to 26th April 2014. • Dinesh Chander, Vikas Raheja **"Data Encryption and its Impact on Performance of Cloud Applications"** published in Proceedings of the 5th National Conference; INDIACom-2011 at BharatiVidyapeeth's Institute of Computer Applications and Management, New Delhi in

	March 2012.
Organizing National Conference/ International Conference/ FDP/STTP	
• List of Conference/FDP/STTP committee	1. 27th April to 1st may……MMU, Mullana, on R programming 2. Webinar on IOT on 19th June, organized by Pantech solutions. hosted by Institute of Engineering and Technology, Alwar 3. Organized two webinar series in the month of May and June at central level in college 4. A teacher training program on Blended Learning and Platform Skills, 2nd December 2020 to 8th December 2020
Social Contributions and Sports	
• **List of Social Contributions and Sports**	• Helped migrant labors during COVID pandemic in 2020. • Delivered many sessions on career awareness in Schools • Organized 25 webinars for career counselling for 12th Class Students.