

About Faculty

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Area of Expertise

Computer Networks, Computer Architecture, Cloud Computing, Cyber Security.

Academic/Professional Qualification

Degree/ Certificate	University/Board/Institute	Year of Passing
BTech	SLIET / PTU	1999
MTech	BBSBEC / PTU	2013

Experience

Teaching/ Training	<ol style="list-style-type: none">1) Cisco Local Academy Instructor from 2007—till Nov 2021—taught CCNA certification course to more than 750 students2) Ec Council Certified Ethical Hacking Instructor from -2017-2018—trained 18 students in this course along with corporate employees of Punjab Police.3) The various subjects taught comprised of C/ C++, Data Communication, Computer Architecture, Office automation, Information Security, IT Tools, ICT Resources, Networks and DCHN Course “Networking Basics” Module, Oracle, ACC, BCC, CCC, Computer Networks and peripherals, Cyber Security, Ethical Hacking, Linux, Unix, 1 week information security courses for DGR batches and students of other disciplines and 1 week Cloud Computing and virtualisation Course for DITECH, Haryana.
Software Development	NA

Data Digitization/ Processing	NA
Projects/ Product Development	1) In order to start courses and projects in Cyber Security a tie up was done with a startup Company M/S FlipFlop Inforsec Labs under NITTTR, Chandigarh and NIELIT Chandigarh. 2) In the year 2009 Preparation of CCC E- Learning Content in Hindi English and Punjabi was carried out successfully.
Others	NA

Research Publications			
Title	Year of Publication	Journal	Link (if any)
1) In 2017 published a booklet titled, "Information Security and Digital Payment Awareness" that was distributed among 850 participants of various government Depts. of the State of Haryana while during the conduct of Information Security workshops under the ISMO / SeMT project.	2017		
2) Designed Qualification file for the Courseware "Network Specialist", course under NSQF which was approved by NSDA under NCVeT.	2016	Published in www.nqr.gov.in	
3) ReDesigned Qualification file for the Courseware "NIELIT Certified Networking Specialist", course under NSQF which was approved by NSDA under NCVeT.	2021	Published in www.nqr.gov.in	
4) Designed Qualification file on "Cloud Computing and virtualisation" course with proper industry validations under NSQF which was approved by NSDA under NCVeT.	2021	Published in www.nqr.gov.in	
5) Computer algorithm in house booklet designed for Internal Courses of NIELIT Chandigarh	2013	Published in NIELIT Chandigarh library.	
6) Published a research paper titled "Analysing the compliance of Government Websites of the State of Punjab with the Indian Web Guidelines Compliance Matrix".	2012	International Journal of Engineering Research and technology in Dec., 2012 (IJERT) ISSN:2278-0181 Voll issue,10,	

		Dec 2012	
7) Designed In house Data Communication Booklet as per A level syllabus in the year 2012 for NIELIT Chandigarh	2012	Published in NIELIT Chandigarh library.	

Expert Lecture Delivered (outside NIELIT)	
Topic	Institute/College
Information Security and Digital payment Awareness	Conducted Twenty one (22) workshops on Information Security and Digital payment awareness in the districts of Haryana under the ISMO / SeMT project in the year 2017-18.
Basics of Information Technology	In 2014 Delivered expert lectures in “Faculty Orientation Program” for CABA -MDTP teachers organized by National Council for promotion of Urdu languages at Pune and Guwahati.
Advanced Networks	Successfully taught 32 Army personal course in Advanced Networks at Army Engineering College Pachmarhi, Madhya Pradesh.
Cyber Security	Conducted Webinars / Workshops for the students of College / University 1. IET, Bhaddal, Ropar, Punjab 2. Manav Rachna University, Faridabad 3. Punjabi university Patiala 4. SGT University, Gurugram 5. Govt. College, Ropar, Punjab 6. Chandigarh university ,Gharuan 7. 3BRD Indian Air Force, Chandiagrh 8. SGGSWU, Fatehgarh Sahib

Others
<p>Placement Cell Activities (2013, 2016 and 2021):</p> <p>Working as the coordinator in the placement cell. Four Campus drives were conducted by the Placement Cell of the Centre in the year 2013 that led to the placement of more than 30 candidates of the institute in Tata Services.</p> <ol style="list-style-type: none"> Managing all kinds of correspondences regarding Placement, Visiting various placement companies and tying up with them so as to conduct more placement drives, Visiting the Regional Employment exchange boards for exploring employment opportunities for our students. Placing new job opportunities on the Placement Board after scanning the newspapers Job agency Websites etc. Part of the Design team that developed the Placement brochure for NIELT Chandigarh, Placement Cell. Creation of telegram group pertaining to placements was accomplished. In the year 2016 As Placement Coordinator carried out 4 placement drives for: a) Esfera Soft Solutions, b) Chitkara University c) Fore Solutions and d) TCS BSNL, Panchkula