About Faculty

Name	:Meenu Dhir
Designation	:Scientist D
Department	:Training
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Area of Expertise

With over **two decades of experience in the field of computer science education**, I am a highly accomplished and dynamic professional with a proven track record of delivering exceptional instruction at NIELIT Chandigarh.

As a specialist in *O/A/B level courses, including the Post Graduate Diploma in Computer Applications, I have extensive knowledge and experience in the areas of Big Data Analytics, utilizing cutting-edge technologies such as Hadoop and Spark.* Database Management System, Software Engineering, Software Project Management .

I am an expert in a wide range of programming languages including *Java, PHP with MySQL, MongoDB, Python, and Web Technologies, and have a wealth of experience in providing corporate training to esteemed organizations such as DGR, DRDO, DITECH and AIDS Control Society*. Additionally, I have conducted numerous in-classroom professional training sessions and have been successful in providing the participants with hands-on experience and practical knowledge.

With a passion for teaching and a commitment to providing dynamic and engaging learning experiences, *I have been instrumental in designing and delivering comprehensive and challenging long-term and short-term courses, as well as Digital Literacy Courses, to a diverse range of learners.*

My ability to engage and inspire students has been key to my success as a teacher, and I am dedicated to fostering a love of learning in my students, while guiding them to reach their full potential.

I am a highly-skilled and professional educator who is committed to staying current with the latest advancements and trends in computer science education.

Academic/Professional Qualification

Degree/Certificate	University/Board/Institute	Year of Passing
B.E Computer Science	Amravati Univerity	1992

Experience

Teaching/ Training	Summary of over 20+ years of Teaching Experience: ● Over 20 years of experience in teaching computer science education, with expertise in Big Data Analytics, Web Technologies and Java. ● Successfully led projects in Big Data Analytics utilizing cutting-edge technologies such as Hadoop and Spark. ● Proficient in a wide range of programming languages including Java, PHP with MySQL, MongoDB, Python, and Web Technologies. ● Experience in providing corporate training to organizations such as DGR, DRDO, DITECH, and AIDS Control Society ● Proven track record of delivering exceptional instruction in both long-term and short-term courses, including Digital Literacy Courses ● Skilled in delivering in-classroom professional training sessions, providing participants with hands-on experience and practical knowledge ● Continuously staying current with the latest advancements and trends in the field of computer science education ● Over 20 years of teaching experience at NIELIT Chandigarh, with expertise in O/A/B level courses and Postgraduate Diploma in Computer Applications.
Software Development	Summary of Software Development Experience: ● Experience in software development, on Family Living Survey project.
Data Digitization/ Processing	Summary of Data Digitization/Processing Experience: ● Experience in data digitization and processing, specifically in generating energy bills for UT Chandigarh and digitizing the National Population Register. ● Strong understanding of data digitization best practices and ability to work with large data sets.
Projects/ Product Development	I have extensive experience in project management and have successfully completed several notable projects in the past. Some of my notable project experience includes: ● **National Population Register**: I served as the state coordinator for Haryana, overseeing the digitization and processing of data for the National Population Register.

	- **Panchayati Raj**: I played a key role in the development and implementation of software solutions for Panchayati Raj, the local government system in India. - **Directorate General of Employment (DGE)**: I was part of the team that worked on a project for the Ministry of Labour, responsible for the development of software solutions to support the Directorate General of Employment. - **Electronics System Design and Manufacturing (ESDM) Promotion Programme**: I am a member of the team that worked on a project for the Department of Electronics and Information Technology, Government of India, aimed at promoting the electronics system design and manufacturing industry. - **Skill Development of Youths in Aspirational Districts**: I am part of the team that worked on a project aimed at developing the skills of youths in Aspirational Districts in the area of Information, Communication and Technology (ICT) to enhance employability. - **Future Skill Prime - Big Data Analytics**: I am a team member on the Future Skill Prime project, focused on providing training and skill development in the area of Big Data Analytics.
Others	- Preparing proposals and submitting them to different departments for training purposes. - **Playing an instrumental role in starting formal courses at NIELIT Chandigarh, including BCA, BSC Honors in Computer Science and PGDCA from Punjabi University Patiala.** - Developing and preparing study material, question papers, and overseeing evaluations, results, and student projects. Additionally, providing student-parent counseling and creating .marketing materials such as banners and brochures for NIELIT courses. - Serving as a committee member for various initiatives, including interviews and purchasing decisions. - Providing RTI and managing library resources to support student learning and success. - Team member for designing NSQF files. - Responsible for conducting Awareness Programs for NIELIT courses. - NIELIT Courses Syllabus Design - Project Guide to students of 6 months industrial training in Data Analytics and web technologies. **Trainings/ Workshops Attended:** - Nasscom certified for Big Data

	● In-house trainings in emerging technologies

Expert Lecture Delivered (outside NIELIT)	
Topic	**Institute/College**
Big Data Analytics	**Baba Farid Group of Colleges Bathinda**
Big Data Analytics, Web Technologies	**Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib**
Big Data Analytics	**Punjabi University Patiala**
Big Data Analytics	**Maharaja Ranjit Singh Punjab Technical University**
Big Data Analytics	**Online webinar , Workshops**
e-Waste	**Various Govt schools Chandigarh**
Awareness Programs of NIEIT	**All Govt schools of Ropar District(approx. 50) Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib**
Emerging Technologies Awareness Program	**IKG Kapurthala Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib Punjabi University Patiala**
Emerging Technologies and Web Technologies	**Govt Schools Ropar (Local) etc**

Others
Always available for inter-departmental support for the smooth running of the organisation
Examination department – Nielit Representative and Observer

Tour pan India as regards exam duty for projects like DGCA, CCC , O level etc.