

## Faculty Profile

<b>Faculty Name</b>	Dr. Shiv Kumar
<b>Designation</b>	Assistant Professor, ECE Department
<b>Qualification</b>	Ph.D. (ECE), M.E. (Electronics), B.Tech (ECE) ( GATE-2003 with 95.36 percentile )
<b>Email</b>	<a href="mailto:shiv@gecnilokheri.ac.in">shiv@gecnilokheri.ac.in</a>
<b>Area of Interest</b>	Communication Systems
<b>Work Experience (Total)</b>	
• Teaching	22 Years
• Research	During the course of M.E. and Ph.D.
• Industry	-
• Others	-
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	Analog Circuits, Electronic Devices and Circuits, Verilog, OS, Digital Electronics, Analog Communication, Digital Communication, Wireless Communication, Information theory and coding, Signals and Systems
<b>Membership of Professional Bodies</b>	Nil
<b>Research Publications</b>	
• Research Papers UGC-CARE	02
• Research Papers SCOPUS	-
• Research Papers WoS/SCI/ABDC	-
• List of Publications	-
<b>M.Tech. Guidance</b>	08
• Degree Awarded	08
• Thesis Submitted	08
<b>Research Project</b>	Nil
• List of Research project	-
<b>Consultancy</b>	Nil
• List of Consultancy	-
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	
• International (Abroad)	1 (Accepted)
• International (Within Country)	-

<ul style="list-style-type: none"> <li>National</li> </ul>	04
<ul style="list-style-type: none"> <li>List of published papers</li> </ul>	<ul style="list-style-type: none"> <li>Shiv Kumar, Mr. S.K. Mittal and Mrs. Neena Gupta, Development of A Sensor for in situ Determination of Snow moisture &amp; Density, 6<sup>th</sup> International conference on Electromagnetic Wave Interaction with Water and Moist Substances, Weimar, Germany May29-June1, 2005 (<b>accepted for oral presentation</b>).</li> <li>Shiv Kumar and Shruti Goel, Bluetooth vs. WLAN – Various Challenges, National Conference on Emerging Trends in Wireless Technologies-2005 organized by IETE, SIET, Derabasi April 16-17, 2005. <a href="https://www.researchgate.net/publication/277714865_Bluetooth_Technology_vs_Wireless_LAN_standards_various_challenges">https://www.researchgate.net/publication/277714865 Bluetooth Technology vs Wireless LAN standards various challenges</a></li> <li>Shiv Kumar and Shruti Goel, Bluetooth Technology and Health Risk- Merits &amp; Demerits, National Conference on Modern Trends in Communication and Technology (MTICT), MMEC, Mullana October 2005.</li> <li>Shiv Kumar, ZigBee-An Emerging Wireless Technology, National Conference on Modern Trends in Communication and Technology (MTICT), MMEC, Mullana October 2005. <a href="#">Google search AI Overview available</a></li> <li>Sandeep Kamboj, Amit Dhiman and Shiv Kr. Goel, Air Purification using Negative Ion Generator, Seminar of Annual Faculty Convention-2008 on New Horizons in Science &amp; Technology: Challenges &amp; Options organized by ISTE, May 22-23,2008 MMEC, Mullana. <a href="#">Google search AI Overview available</a></li> <li>Nisha Chaudhary , Er Shiv Kumar Goel and Nitin Goel,A Deep Analysis: Highly Robust Fault Tolerant Secure Optimized Energy Ad-hoc Networks Methodologies for Mobile Nodes, International Journal of Advanced Research in Computer Science and Software Engineering (Online), ISSN: 2277 128X, Volume 5, Issue 7, July 2015. <a href="#">Google search AI Overview available</a></li> </ul>

<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	Nil
<ul style="list-style-type: none"> <li>List of Conference/FDP/STTP committee</li> </ul>	
<b>Social Contributions and Sports</b>	
<ul style="list-style-type: none"> <li>List of Social Contributions and Sports</li> </ul>	Coordinator of various events of annual sports activity