


## Curriculum Vitae

<b>Full Name</b>	Vishal Rohilla			
<b>Designation</b>	Assistant Professor			
<b>Department</b>	Instrumentation Engineering-USIC			
<b>Campus</b>	Chauras			
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<b>Education Qualification</b>	<p>M.Sc. (Electronics) (2006), Electronic Science Department, Kurukshetra University, Kurukshetra.</p> <p>M.Tech. (Instrumentation) (2009), Panjab University, Chandigarh.</p> <p>Pursuing Ph.D. from GBPIET, Pauri</p>			
<b>Teaching Experience</b>	8 Years	<b>Research Experience</b>	4 Years	
<b>Areas of Interest/ Specialization</b>				
<ol style="list-style-type: none"> <li>1. Materials for Sensor applications.</li> <li>2. Electrical and Optical Sensors.</li> <li>3. Analytical Instruments.</li> <li>4. Virtual Instrumentation.</li> </ol>				
<b>Membership of Scientific Organization</b>				
<ol style="list-style-type: none"> <li>1. Lifetime Member of Instrument Society of India, IISc Bangalore.</li> </ol>				
<b>Administrative Experience</b>				
<ol style="list-style-type: none"> <li>1. Member of B.Tech admissions committee, SOET, HNBGU.</li> <li>2. Member of Inspire Teachers Network, HNBGU.</li> <li>3. Member of departmental purchase committee, USIC, HNBGU.</li> </ol>				
<b>Other Responsibilities</b>				
<ol style="list-style-type: none"> <li>1. Currently Handling Sophisticated Instruments             <ol style="list-style-type: none"> <li>a) Laser Ablation – Inductively Coupled Mass Spectrometer.</li> <li>b) X- Ray Diffractometer.</li> <li>c) SEM-EDX.</li> <li>d) Ellipsometer.</li> </ol> </li> </ol>				
<b>Conference/Symposium/Workshop Attended during last five years.</b>				
<ol style="list-style-type: none"> <li>1. Organized the '<b>World IPR day</b>', jointly with UCOST, Dehradun at USIC, HNB Garhwal University, Srinagar (Garhwal), April 26, 2014.</li> </ol>				
<b>National</b>				
<ol style="list-style-type: none"> <li>1. A National conference on "Recent advances in Material Science" organised by HNB Garhwal University, Srinagar (Garhwal), Uttarakhand.</li> <li>2. A two day workshop on NMEICT AWARENESS "Recent Trends in Education System" organised by National Institute of Technology, Uttarakhand.</li> <li>3. ICAR sponsored 10 days short term course on "Advanced methods for trace level identification and estimation of agrochemicals to ensure safety of consumers", from 12 Sept. to 21 Sept. 2017 at ICAR-IARI, New Delhi.</li> <li>4. Attended one week workshop on "Research Methodology" from 10 Dec to 16 Dec. 2018, organized by FDC, HNBGU, Uttarakhand.</li> </ol>				

5. Attended a Workshop on Data Analysis Awareness “Computational Techniques in Research Methodology for Science and Social Sciences”, organized by FDC, HNBGU, Uttarakhand, on 25-31 July, 2019.

**Best Peer-Reviewed Publications (up to 05)**

**Journals:**

1. To Design and Measure Physical Signal from a USB Based Data Acquisition System, Biswas Don, Kathait G. S. and Rohilla Vishal, *IJLTEMAS*, 5, 75-81, 2016 (3.475).
2. D. Biswas, G. Kathait, P. Thapliyal, V. Rohilla & S. Singh “Temperature dependence of dielectric properties of sodium potassium niobate ceramics for different values of x (Na<sub>1-x</sub>K<sub>x</sub>NbO<sub>3</sub>)” *Ferroelectrics*, Vol. 526, pp. 168–175, 2018, Published by Taylor & Francis. (SCI Indexed).
3. D. Biswas, G. Kathait, P. Thapliyal, V. Rohilla & S. Singh “Converse piezoelectric properties of K and Na-modified (Na<sub>1-x</sub>K<sub>x</sub>) NbO<sub>3</sub> lead free ceramics for x=0.08 and 0.17” *Ferroelectrics*, 550, 2019, Accepted and will be published by Taylor & Francis. (SCI Indexed)
4. Don Biswas, Kuldip Kumar, Vishal Rohilla, Gambheer Singh Kathait, Prashant Thapliyal, Arun Shekhar Bahuguna, Yogendra Pundir, Vinay Prasad tamta “Microcontroller based data acquisition system using error reduction technique” *International Journal of Engineering, Science and Technology*, Vol. 11, No. 3, pp. 40-48, 2019 published by AJOL Nijeria. (Scopus Indexed)
5. G. Kathait, D. Biswas, P. Thapliyal, V. Rohilla & S. Singh “ Influence of Escaping of Na & K on physical properties in Lead-Free Na<sub>0.92</sub>K<sub>0.08</sub>NbO<sub>3</sub> Ceramic” *Ferroelectrics*, 551, 2019, Accepted and will be published by Taylor & Francis, Published by Taylor & Francis. (SCI Indexed).

**Total Number of Research Publications: 05**