





**Under IEEE Bangalore and IEEE North Karnataka Subsection& IEEE WIE DAY 2024 Celebration**


<b>Event</b>	:	Seminar
<b>Title of the Event</b>	:	One day Seminar On “Overview of Geo-Spatial Image Analysis using Satellite Images”
<b>Organizing Department</b>	:	Electronics and Communication Engineering
<b>Co-Sponsor Host / Department</b>	:	IEEE Bangalore and IEEE North Karnataka Subsection & IEEE WIE
<b>Co-Organizing Host /Department/ Organization</b>	:	IEEE Bangalore and IEEE North Karnataka Subsection & IEEE WIE
<b>Dates of Events</b>	:	11/7/2024
<b>Registration Date &amp; Fees</b>	:	-
<b>Number of Days of Event</b>	:	01 Day
<b>Resource Person Details with College/Organization /Company</b>	:	Dr. Rubina Parveen Principal, Govt. Industrial Training Institute for Women Kalaburgi Commissionerate of Industrial Training and Employment
<b>Brief Biography of Resource Person</b>	:	Dr. Rubina Parveen is the Principal of the Government Industrial Training Institute for Women in Kalaburagi, Karnataka. She holds a PhD in Electronics and Communication Engineering from VTU Belagavi and has extensive experience in academia and government roles, including as Assistant Director in the Employment & Training Department. Her research focuses on skill development, women empowerment, and geo-spatial image analysis, with numerous publications in these areas. She has participated in international training programs and workshops, demonstrating her commitment to continuous learning and professional development. Dr. Parveen is also an active advocate for women's rights and a proponent of fitness and well-being.
<b>Titles of Topics Covered of Event</b>	:	Geo-Spatial Image Analysis: 1.An introduction 2. Satellite Imagery: A wealth of data 3. Fundamentals of satellite images 4. Types of Satellite Imagery 5. Geo-spatial Image Processing 6. Case study 7. Satellite Image interpretation basics 8. Applications 9. Challenges in Geo-Spatial Image Analysis
<b>Brief Description of the Event</b>	:	Geo-spatial image analysis involves the processing and interpretation of satellite images to gather information about the Earth's surface. This field leverages advanced techniques in remote sensing and geographic information systems (GIS) to analyze spatial data. Applications include environmental monitoring, urban planning, disaster management, and resource exploration. The high-resolution imagery provided by satellites allows for detailed observation and mapping of land cover, vegetation, and infrastructure. Geo-spatial image analysis is essential for making informed decisions in various



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	sectors by providing accurate and up-to-date spatial information.
<p><b>Photos (Geo-Tag) of Events with Description of Photos</b></p>	 <p>Sharananagar, Karnataka, India BRHC+QQR, Vidya Nagar, Sharananagar, Kalaburagi, Karnataka 585105, India Lat 17.329695° Long 76.822101° 11/07/24 03:01 PM GMT +05:30</p> <p>: Inaugral of one day seminar on “Overview of Geo-Spatial Image Analysis using Satellite Images”.</p>  <p>Sharananagar, Karnataka, India BRHC+QQR, Vidya Nagar, Sharananagar, Kalaburagi, Karnataka 585105, India Lat 17.329728° Long 76.822066° 11/07/24 03:02 PM GMT +05:30</p>

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		 <p>Sharananagar, Karnataka, India 8RHC+QQR, Vidya Nagar, Sharananagar, Kalaburagi, Karnataka 585105, India Lat 17.329735° Long 76.822117° 11/07/24 03:06 PM GMT +05:30</p> <p>Resource person delivering talk</p>
		 <p>Sharananagar, Karnataka, India 8RHC+QQR, Vidya Nagar, Sharananagar, Kalaburagi, Karnataka 585105, India Lat 17.32971° Long 76.822037° 11/07/24 04:10 PM GMT +05:30</p> <p>Students attending seminar</p>
<b>Total Number of Students Attended</b>	:	110
<b>Total Number of Staffs Members Attended</b>	:	10
<b>Total IEEE Members Attended</b>	:	05