

*Event Title: Prof. Wani V. Patil from Electronics Department JHRCE Nagpur attended Workshop on Select Topics in Signal Processing and Machine Intelligence with Hands-on at COEP Pune*

**PHOTOGRAPH OF THE EVENT:**



**CAPTION:** Prof.W.V.Patil attended Two Week Workshop on Select Topics in Signal Processing and Machine Intelligence with Hands-on during 23<sup>rd</sup> May to 3<sup>rd</sup> June 2016

**DESCRIPTION ABOUT THE EVENT:**

COEP Pune has planned a two week workshop scheduled from 23<sup>rd</sup> May to 3<sup>rd</sup> June 2016 funded by MHRD-World bank under TEQIP Phase-II, coordinated and driven mainly by Department of E & TC at COEP. The Center intended to harness the potential of our human resource and the participating industry, in terms of PG education and PhD programs, to match global standards and competitiveness in this much diversified and potent arena of development. The program aims at giving a concise introduction to Multi-dimensional & Multimedia DSP (MDSP) algorithmic techniques, with balance coverage among theory, hands on, applications and standards. It rendered a wide coverage of 1-D through 2-D and 3-D signal processing, supported by an introduction to random processes and

some essential foundation for a full understanding of the image and video processing concepts that follow. A significant feature is the explanation of practical network coding methods for image and video transmission. There was also coverage of new approaches such as: super-resolution methods, non-local processing and directional transforms. Faculty experts from COEP, Invited experts from Higher Learning Centers such as IITs/NITs, Experts from Industries/Corporate houses and Research Organizations, working in the field of Multi-dimensional Signal Processing and Machine Vision/Intelligence, DSP Platforms, Tools will be resource persons and instructors in the program. Dr. Vidya Vyas was the co-ordinator of the whole Program.

In the concluding session of the workshop, Dr. Ahuja, Director COEP encourage participants and motivates research scholars for R&D .