



Prof. M A Shah, Ph.D.

Head/Chair

FIST Supported PG Department of Physics

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Specialization: Nano-Materials, Electron Microscopy and Environmental Physics

Education: Ph.D Physics (JMI)

Post Ph.D: Sheikh Saqar Fellow with Prof C N R Rao

Scientific Work: Dr. Shah has given a soft approach for fabrication of Nanomaterials and the versatile technique “**Safe way to Nanotechnology**” for the synthesis of oxide/hydroxide nanomaterials, has evoked good response though still in progress and practice. During his 22 years of scientific career within India and outside, he has published as many as 100 SCI research articles, covering the contemporary developments of Nanotechnology. In addition, he has authored **two text books on Nanoscience** with reputed publishers, edited three books on different aspects of Nanotechnology and number of articles on current issues including on **New Education Policy**.

Collaborations: Dr. Shah had a honour to work with prominent scientists both within and outside country and was honoured on many occasions for his dedicated work. He has been awarded a mega project by the Ministry of Science & Technology, New Delhi for developing Nanotechnology Laboratory (LMN) at NIT Srinagar, besides receiving Rs. 100.00 Lakhs from TEQIP for commissioning Scanning Electron Microscope. Dr. Shah is a member of many science academies and societies and his work has been cited by number of scientific reporters as well as scientific media. Dr. Shah is teaching Nanotechnology, Materials Science and Materials Characterization from the last two decades and is actively engaged as reviewer /editor of many scientific journals.

Milestone: Dr. Shah is also credited of having launched Masters in Physics at NIT Srinagar, making it a post graduate department, after 60 years of its establishment. In collaboration with different IITs, Shah is organising the series of International Conferences on “**Nanotechnology for Better Living NBL**” provide platform and to handover this new technology to younger generation. Organized 10 **INSPIRE Internship programme** (P.Ms Initiative) for the bright students of the valley, which aims to attract talent for study of science at an early age. Thousands of young brains were benefited so far. Dr. Shah has honour to be the brain behind this initiative, for the first time in the history of NIT Srinagar. Shah is bestowed with many good qualities including a good speaker and an excellent writer, besides *has many more honours, accolades and awards* to narrate his profile. For details, please visit www.shahnit.org