

Curriculum Vitae

Dr. Manish Taunk,
Department of Physics, Indus International University
(IIU)HP– 174301. India.

Mobile: +919418259479.
E-mail: manishphy@gmail.com.
Weblink: [Homepage](#)

Career Objective

To work in an organization where my knowledge can be utilized, enhanced for organization and personal development and which offers significant responsibilities, opportunities for growth, learning and better facilitation of students.

Education

Ph. D. in Physics	Department of Physics, National Institute of Technology (NIT) Hamirpur, HP. India.
Thesis Title:	<i>Chemical Synthesis, Characterization and Electrical Transport Studies of Polypyrrole Powder and Films over Wide Range of Temperature.</i>
M. Sc. in Physics	Gurukul Kangri University Haridwar, India.
B. Sc.	Himachal Pradesh University (HPU) Shimla. India.

Experience (Teaching Experience: 8 years)

August 2011 – Present.	Assistant Professor: Department of Physics, Indus International University (IIU) HP, India.
August 2006 – July 2011.	Teaching Associate: Department of Physics, National Institute of Technology (NIT) Hamirpur, HP. Research Fellow: Department of Physics, National Institute of Technology Hamirpur, HP, India.

Publications

Sr. No.	Publications	Numbers
1.	Publications in international peer reviewed journals.	12
	Total Citation	45
2.	Presentations in international conferences	8
3.	Presentation in national conferences	6

Research Interests

- Chemical synthesis and characterization of organic semiconductors (CPs) in bulk and film form.
- Organic thin film device fabrication, characterization and modeling.
- Electrical transport studies in organic materials and devices over wide range of temperature.
- Organic Photovoltaics.

Technical skills

Experience in fabrication & characterization techniques using:

- Thin film (organic materials & metals) deposition techniques by vapor phase polymerization, spin coating, vacuum coating using e-beam, sputtering and thermal evaporation.
- Current voltage methods for material and device characterization.
- Closed cycle Helium cryostat (5-320K temperature range) for electrical transport measurements (Janis Research, Oxford instruments).
- Spectrophotometers (UV-VIS, FTIR).
- Wayne-Kerr's Impedance Analyzer.
- Hall Measurement Technique. (5-320K temperature range).

Awards

- Best poster award in *XVI International Workshop on the Physics of Semiconductor Devices (IWPSD 2011)* held at *IIT Kanpur* in December 2011.
- Research fellowship (during PhD) awarded by Ministry of Human Resource Development (MHRD) New Delhi, India.
- Award of honor for contribution toward community service in the celebration of 50th community service programme (CSP-50) at NIT Hamirpur.

Membership of Professional Bodies

- Life member of Materials Research Society of India (MRSI).

Personal Details

Name	MANISH TAUNK
Father's Name	Sh. PAWAN KUMAR
Date of Birth	25 th May, 1982.
Languages Known	English, Hindi.
Permanent Address	Village Darang, P.O. & Tehsil Jawalamukhi, District Kangra, HP. Pin 176031. India.