

## ANUP KUMAR SHARMA

<i>Contact Address</i>	<i>Mail Id</i>	aksharma.swt@gmail.com
<i>Anup Kumar Sharma S/O Sh. Om Prakash Sharma Qtr.No. E 51 Ist C Khetri nagar Distt:-Jhunjhunu Rajasthan (333504)</i>	<i>Contact Phone</i>	(91) 9672505707
	<i>Date of Birth</i>	16-09-1984

## CAREER PROFILE

<b>Objective</b>
To associate myself with an organization of repute, where in my abilities and talents would be put to proper use and where can contribute my share of efforts towards the development of the organization.
Educational Qualification
<b>Ph.D (Thesis submitted) MNIT, Jaipur, M.Tech- IIT DELHI</b>

## TECHNICAL SKILLS

Programing Languages	C, JAVA
Computer knowledge & Courses Studied	Digital Signal Processing, Electronics simulation techniques and conditioning circuits
Technical skills	Microprocessor 8085, 8086
Simulation & Programming Packages	P-spice (ORCAD), MATLAB, Origin, Virtual Nano Lab

## ACADEMICS

Exam	Institute	Board/Univ	Year of Study	Percentage
Ph.D (Thesis submitted)	MNIT, Jaipur	MNIT	2013 to till date	
M.Tech	IIT, Delhi	IIT	2010	<b>7.645 Cgpa</b>
B. Tech (Electronics Instr. & Control)	Govt. Engineering college ,Bikaner	University Of Rajasthan, Jaipur	2008	<b>61.9%</b>
XII	Central Academy No.1	C.B.S.E.	2001-2002	<b>72.2%</b>
X	Central Academy No.1	C.B.S.E.	1999-2000	<b>60.0%</b>

## **WORK EXPERIENCE**

---

**Six years** working experience as an Assistant professor at Baldev Ram Mirdha Institute of Technology, Jaipur and Global Institute of Technology, Jaipur.

## **THESIS/PROJECTS**

---

<b>M. Tech Major Project</b>	
Title	<b>STUDY OF MULTILAYER STRUCTURE AND IMAGE PROCESSING.</b>
Field expertise & Languages	ORIGIN , MATLAB
Duration	10 months (Jul 2009 to April 2010)
Project Description	Low coherence interferometry is a non-contact, non-invasive, cross-sectional interferometric imaging technology based on low-coherence interferometry. By low coherence interferometric technique we measure thickness and refractive index of multilayer structure.

<b>B. E. Major Project</b>	
Title	<b>PLC based controlling of bottle filling system</b>
Duration	(Jan, 2007 - Jun, 2007)
Project Description	The PLC Controlled Bottle Filling System is a Composite continuous and discrete control system. It is possible for a continuous control system to be part of a discrete-state process-control system. In this system periodically a bottle comes into position under the outlet valve, then the outlet valve opens and the bottle fills. In this system the level of filling tank must be maintained at the set point while the outlet valve is opened and the bottle is filled.

## **INDUSTRIAL TRAINING**

---

- BHARAT SANCHAR NIGAM LIMITED (July, 2006 - Aug, 2006).
- Description – Done Industrial Training in BSNL in Electronics Department.
- HINDUSTAN COPPER LIMITED(July 2005-Aug, 2005).

## **AWARDS & SPECIAL ACHIEVEMENTS**

---

- Received HRD Scholarship for securing 70<sup>th</sup> rank in **GATE** 2008 exam.
- NET Dec-2015 Qualified.
- GATE 2016 Qualified.
- Published 4 journal papers and presented four papers in conferences.
- Attended short term courses on **MATLAB** and **COMSOL** at MNIT Jaipur.
- Attended workshop on nanomaterials held at MNIT jaipur by IISc bangalore.
- Right from schooling cultivated leadership qualities, which gave me ability to work individually, as well as in a team.

## **TECHNICAL & EXTRA CURRICULAR ACTIVITIES**

---

- Was the runner up of the cricket competition conducted by Engineering College Bikaner in the year 2005-2006.
- Was the runner up of the Football competition conducted by Engineering College Bikaner in the year 2006-2007.
- Active member in Tecfest-2007 held at Engineering College Bikaner.

## **DECLARATION**

---

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Anup Kumar Sharma**

## **Published Papers**

- (1) Anup Kumar Sharma, Ritu Sharma, Varshali Sharma; “Synthesis of Carbon Nanotubes by Arc-Discharge and Chemical Vapor Deposition Method with analysis of its Morphology, Dispersion and Functionalization Characteristics”, **Cogent Engineering**, Vol. 2, (2015), DOI 10.1080/23311916.2015.1094017.
- (2) Ritu Sharma, Anup Kumar Sharma, Gaurav Sharma, Varshali Sharma; “Comparative study and analysis of effect of different metal catalysts on Growth of carbon nanotubes in chemical vapor deposition”, **Journal Of Optoelectronics AND Advanced Materials**, Vol. 17, No. 11-12, November –December 2015, 1728-1733.
- (3) Anup Kumar Sharma, Ramesh Prajapati, Ritu Sharma and Santosh Chaudhary, “Effect of Different Acid Oxidation on Morphology, Dispersion and Optical Band-gap of Multi-walled Carbon, Nanotubes”, **Fullerenes, Nanotubes and Carbon Nanostructures**, Jan 2016, 332-338.
- (4) Anup Kumar Sharma, Dr. Ritu Sharma & Upendra Chaudhary, “Hydrogen-Acetylene Gas Ratio and Catalyst Thickness Effect on the Growth of Uniform Layer of Carbon Nanotubes”, **Fullerenes, Nanotubes and Carbon Nanostructures**, Jan 2017.

## **Conference Papers**

- Anup Sharma, Gaurav Sharma, Upendra Chaudry, Ritu Sharma; “Analysis of Band Gap Properties of Different Structures of Carbon Nanotubes”; ICATET-13 by Arya College of Engineering & IT, Jaipur at Jaipur, Rajasthan / 12 / 2013.
- Anup Sharma, Ritu Sharma; “Simulation Based Study of Band Gap Properties of Single Walled Nanotubes”; ICRCWIP\_2014 by Springer at Poornima Engineering College Jaipur / 1 / 2015.
- Anup Sharma, Ritu Sharma; “Temperature dependence synthesis of carbon nanotubes and its functionalization by acid treatment”; ICAECS2015 by International Society for Scientific Research and Development at San diegio,USA by Virtual Platform / 6/ 2015.
- Anup Kumar Sharma, “Digital Image Processing-A review”, SDED-11 held at BMIT, Jaipur/10/2011.