

# SHOBIT AGARWAL

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## CAREER OBJECTIVE

To become a virtuoso in each and every work by showing diligence and thus continuously improving my organization and myself.

## CAREER GRAPH

1. **The LNM Institute of Information Technology, Jaipur** (July 2014 – May 2016)  
⇒ Teaching Assistant in ECE Department. Handled various labs viz: Communication Lab, Microprocessor Lab.
2. **MANaV CLASSES, ALWAR** (August 2012 – July 2014)  
⇒ Faculty in Electronics & Communication Department.
3. **MODERN INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, ALWAR** (July 2011 - May 2012)  
⇒ Teaching Assistant in Electronics & Communication Department.
4. **BALKRISHNA INDUSTRIES LTD., BHIWADI** (July 2009 - Feb 2010)  
⇒ DET (Diploma Engineer Trainee) in Electronics Department.

## PUBLICATIONS

- ⇒ “**Newly Proposed Multi-band Rectangular Patch Antenna with Defected Ground Structure**” published in 39<sup>th</sup> PIERS, going to be held in NTU, Singapore during Nov. 2017,
- ⇒ “**OFDMA Simulations on GNU Radio**” published in Workshop on Modeling, Simulation and Computational Techniques (WMSC) – 2015 held at The LNM IIT, Jaipur.

## PROJECTS UNDERTAKEN

- ⇒ Designing and implementation of Adder & Subtractor circuits in Quantum dot Cellular Automata.
- ⇒ Performance Improvement of DS-CDMA System with Successive Interference Cancellation Receiver.
- ⇒ OFDMA Simulations on GNU Radio.
- ⇒ Alcohol Detector Based Car Ignition System.
- ⇒ Microcontroller Based Clapper Switch.
- ⇒ Electronic Metal Detector.

## INDUSTRIAL TRAININGS

- ⇒ HINDUSTAN ZINC LIMITED, DARIBA in Electronics & Instrumentation Dept. from 25 May 2012 – 24 July 2012.
- ⇒ CETPA INFOTECH PVT. LIMITED, NOIDA in Electronics & Communication Dept. from 11 May 2011 – 24 June 2011.
- ⇒ HINDUSTAN ZINC LIMITED, DARIBA in Capacitive Power Plant for Electricity Generation (CPP) Dept. from 27 July 2010 – 27 August 2010.
- ⇒ BHARAT SANCHAR NIGAM LIMITED, ALWAR in Broadband Department from 07 May 2007 – 31 May 2007.

## PROFESSIONAL CREDENTIALS

- ⇒ **Qualified GATE 2017** with **36.92** Marks (AIR-5830 & 96%ile).
- ⇒ **Qualified GATE 2013** with **43.67** Marks (AIR-6442 & 97.4%ile).

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**ACADEMIC CREDENTIALS**

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Degree	Year	Board/University	Specialization	Percentage/CGPA
M. Tech.	2016	The LNM IIT, Jaipur	ECE	9.0
B. Tech.	2012	Rajasthan Technical University, Kota	ECE	70.27
Engg. Diploma	2009	Board of Technical Education, Jodhpur	Electronics	61.97
Secondary	2005	Board of Sec. Education, Rajasthan	General	78.67

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**SOFTWARE SKILLS**

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- ⇒ CST Microwave Studio, ADS, HFSS, LT Spice , Microwind, MultiSim, Electric Software for VLSI
- ⇒ MATLAB.

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**BEYOND CURRICULUM**

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- ⇒ Secured **AIR-1** in NPTEL Certification course on “**Microwave Integrated Circuits**” offered by Prof. Jayanta Mukherjee, IIT Bombay during Jul-Sep’17.
- ⇒ Secured **AIR-1** in NPTEL Certification course on “**Antennas**” offered by Prof. Girish Kumar, IIT Bombay during Jan-Apr’17.
- ⇒ Received Academic Excellence Award for securing highest GATE Score in my batch.
- ⇒ Member of **Academic Council** of The LNM IIT, Jaipur for Senate 2015-2016 & for 2016-2017.
- ⇒ **PG Senator** and PG Scholars’ representative in **AC-PGC** in The LNMIIT Students’ Gymkhana for Senate 2015 – 2016.
- ⇒ **PG Senator** in The LNMIIT Students’ Gymkhana for Senate 2014 – 2015
- ⇒ 1<sup>st</sup> prize in inter college English debate competition.
- ⇒ Team Leader as well as organizer in many of college cultural activities.
- ⇒ Declared as “**Person of the Year**” by Times Magazine in the year 2006.

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**PERSONAL DETAILS**

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**Father’s Name** : Mr. Mukesh Kumar Agarwal  
**Date of Birth** : 27 July, 1990  
**Marital Status** : Single  
**Permanent Address** : "Gaurav Kunj", 39-A, Shastri Nagar, Medical Colony, Alwar (Raj) – 301001  
**Languages Known** : English, Hindi and Punjabi.

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**DECLARATION**

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

Date :

[SHOBIT AGARWAL]

Place :