

## Dr. Rajiv Dahiya

1075/29,Vikas Nagar,

Sonepat (Hr.)-131001

Mob: 8168132035

Email:[rajivdahiya2@gmail.com](mailto:rajivdahiya2@gmail.com)



### Career Objective:

A challenging position in an organization that values and promotes professional growth based on performance. To establish a global career which will offer me challenges & growth with opportunities to enrich my knowledge while contributing my best to the organization.

### Professional Background:

- **Ph.D** on “**Modeling and Simulation of Wireless Sensor Nodes Using R.F. Energy Harvesting and Protocol for WSN System**”, from MRIU in 2017, Faridabad
- **M.Tech. (ECE)** from **Regional Engineering College, Kurukshetra** affiliated to **K.U, Kurukshetra** with aggregate of **65.2% in 2003**.
- **B.E. in Electronics & Communication Engineering** from **Marathwada Institute of Technology, Aurangabad in 1995**.
- Passed 10+2 from **C.B.S.E.** securing 75% marks in 1990.
- Passed Matric from **H.B.S.E.** securing 62.8% marks in 1988

### Work Experience:(24 Years)

- **Organization** : **NIILM University, Kaithal**
- **Designation** : **Registrar**
- **Duration** : August 2022 to till date

### Job Profile

- ✓ To support and assist the institute in meeting the overall objectives of the Division and the needs of individual students.
- ✓ To provide leadership, direction and co-ordination within the institute.
- ✓ To develop and maintain effective educational programs and to promote the improvement of teaching and learning within the institute.
- ✓ In general terms the responsibilities are:-
  - ✓ Taking approval and affiliations from various council of india
  - ✓ The assignment of duties to and the supervision of members of his staff
  - ✓ The general operation of the institute facility.
  - ✓ Handling all administrative and academic responsibilities of the institute
- **Organization** : **I.I.T.M, Murthal, Sonipat**
- **Designation** : **Principal/Registrar**
- **Duration** : March 2021 to August 2022

## Job Profile

- ✓ To support and assist the institute in meeting the overall objectives of the Division and the needs of individual students.
- ✓ To provide leadership, direction and co-ordination within the institute.
- ✓ To develop and maintain effective educational programs and to promote the improvement of teaching and learning within the institute.
- ✓ In general terms the responsibilities are:-
  - ✓ The detailed organization of the institute
  - ✓ The development of the instructional program
  - ✓ The assignment of duties to and the supervision of members of his staff
  - ✓ The general operation of the institute facility.
  - ✓ Handling all administrative and academic responsibilities of the institute

- **Organization** : **Mahaveer Swami Institute of Technology, Sonipat**
- **Designation** : H.O.D (ECE and EE)
- **Duration** : Feb. 2016 to Sept. 2020

### Job Profile

- ✓ Worked as an HOD in Deptt. of Electronics & Communication & Electrical Engineering.
- ✓ Active member of College Examination Cell.
- ✓ Handled all the activities related to examination like conducting of sessional exam, arranging and printing of answer sheets, distribution and keeping record.
- ✓ Communicate with all the departments as well as university regarding updates on exams and other activities related to exam.
- ✓ Deputed as a centre superintendent by the university at outside colleges and conducted the exams very smoothly by managing all the activities from sitting plan to handover of answer sheets to the university.
- ✓ Appointed as Flying Squad Convener by the university.
- ✓ Coordination with the different manufacturer of the Lab equipments for making the Quotations & comparative statement.
- ✓ Incharge of career counseling programme.
- ✓ Co-ordinator of the Discipline Committee.
- ✓ Member of the Anti-Ragging Committee.

- **Organization** : **PDM College of Engineering**
- **Designation** : H.O.D. and Assistant Professor
- **Duration** : Aug. 2007 to Jan. 2016

### Job Profile

- ✓ Worked as Assistant Professor and HOD in Electronics & Communication Deptt. & teaching B.Tech. & M.Tech. students.
- ✓ Set-up the labs like Basic Electronics Lab, Semiconductor Devices & Circuit Lab, Digital Electronics Lab & Analog Communication Lab independently.
- ✓ Coordination with the different manufacturer of the Lab equipments for making the Quotations & comparative statement.
- ✓ Active member of College Examination Cell.
- ✓ Handled all the activities related to examination like conducting of sessional exam, arranging and printing of answer sheets, distribution and

keeping record.

- ✓ Communicate with all the departments as well as university regarding updates on exams and other activities related to exam.
- ✓ Deputed as a centre superintendent by the university at outside colleges and conducted the exams very smoothly by managing all the activities from sitting plan to handover of answer sheets to the university.
- ✓ Appointed as Flying Squad Convenor by the university.
- ✓ Co-ordinator of the NBA team of ECE Department.
- ✓ Co-ordinator of the Sports & Discipline Committee.
- ✓ Member of the Anti-Ragging Committee.

- **Organization** : **Hindu Institute of Technology**
- **Designation** : Assistant Professor
- **Duration** : **Jan. 02 – June 03 and July 03 – Dec.03**

➤ **Job Profile**

- ✓ Worked as Assistant Professor in Electronics & Communication Deptt.
- ✓ Set-up the labs like Basic Electronics Lab, Semiconductor Devices & Circuit Lab, Digital Electronics Lab & Analog Communication Lab independently.
- ✓ Coordination with the different manufacturer of the Lab equipments for making the Quotations & comparative statement.

- **Organization** : **Government Polytechnic, Delhi.**
- **Designation** : **Lecturer**
- **Duration** : **June 00 – June 01**

➤ **Job Profile**

- ✓ Worked as Lecturer in Electronics & Communication Deptt.

- **Organization** : **Chhotu Ram Rural Institute of Technology, Delhi.**
- **Designation** : **Lecturer**
- **Duration** : **Sept 99 – Nov 99 and Jan. 00 – May 00**

➤ **Job Profile**

- ✓ Worked as Lecturer in Electronics & Communication Deptt.
- ✓ Coordination with the different manufacturer of the Lab equipment's for making the Quotations & comparative statement.

- **Organization** : **Hindu Institute of Technology**
- **Designation** : **Lecturer**
- **Duration** : **Sept. 95 – Sept. 98**

➤ **Job Profile**

- ✓ Worked as Lecturer in Electronics & Communication Deptt.
- ✓ Coordination with the different manufacturer of the Lab equipment's for making the Quotations & comparative statement.

## Paper Published in Journals

- 1) **“RF Energy harvesting for hybrid applications: review and analysis”** in International Journal of Innovative Technology and Exploring Engineering, Vol.2, Issue-6, **May 2013.**
- 2) **“Modelling of Multi-Energy, Multi-Data Transfer (MEMD) in Wireless Sensor Networks using Energy Harvesting.”** In International Journal of Advance research in Electrical, Electronics & Instrumentation Engineering, Vol.2, Issue-12, **Dec. 2013.**
- 3) **“Energy Efficient MAC Protocols for Inter and Intra cluster Wireless Sensor Network”** in International Journal of Engineering Science & Innovative Technology, Vol.3, Issue-2, **March-2014.**
- 4) **“Design of Wireless Sensor Networks (WSN) in Energy Conversion Module based on Multiplier Circuits”** in International Journal of Engineering & Innovative Technology, Vol.3, Issue-12, June-2014.
- 5) **“Analysis of Wireless Sensor Networks with Energy Harvesting capabilities of Transmitter& Receiver Antenna”** in International Journal of Engineering & Innovative Technology Vol.3, Issue-12, **June-2014.**
- 6) **“Modeling the Energy Efficient Sensor Nodes for Wireless Sensor Networks”** in Journal of the Institution of Engineers (India), **SPRINGER, ISSN: 2250-2149** in 2014.
- 7) **“A Review Paper on Arduino Research Papers”** in International Journal for Research in Applied Science & Engineering Technology, Vol.7, Issue-3, **March-2019.**
- 8) **“Vehicle Tracking System based on Artificial Intelligence and Networking”** in International Journal for Research in Applied Science & Engineering Technology, Vol. 7, Issue-3, **March-2019.**
- 9) **“A Review Paper on Vehicle Track in gusing GPS and GSM”** in International Journal for Research in Applied Science & Engineering Technology, Vol. 7, Issue-3, **March-2019.**
- 10) **“A ‘No Data Center Solution’ for Cloud Computing/File Hosting”** in International Journal for Research in Applied Science & Engineering Technology, Vol.7, Issue-3, **March-2019.**
- 11) **“A Research Paper on Data Storage and Security in Cloud Computing”** in International Journal for Research in Applied Science & Engineering Technology, Vol.7, Issue-3, **March-2019.**

## International National Conference, Seminar, Workshop, FDP and Short Term Course/Training Programme

- 1) International Conference on **“Innovative Technologies” (ICIT-2009)** on June 18-19, 2009, organized by P.D.M. College of Engineering in collaboration with IEEE-IMS/EMBS.
- 2) National Conference on **Challenges in climate change and role of**

- renewable energy (CCRE-2010)** on Feb.23-24, 2010 organized by department of Mechanical Engineering, P.D.M. College of Engineering in collaboration with IEEE-IMS/EMBS, sponsored by ministry of environment and forest, Government of India.
- 3) Attended a two weeks Faculty Development Programme on **“Innovative Approaches in Teaching and Learning”** from 06/12/2010 to 19/12/2010 at PDM College of Engineering, Bahadurgarh.
  - 4) Workshop cum seminar on **3G/4G: WiMAX and beyond (Research & Development in Science & Technology)** on Feb.28<sup>th</sup>, 2011, organized by department of Electronics & Communication Engineering, P.D.M. College of Engineering in collaboration with IEEE-IMS/EMBS.
  - 5) National Conference **on Nanotechnology and beyond** on April 7<sup>th</sup>, 2011, organized by P.D.M. College of Engineering, in collaboration with IEEE-IMS/EMBS.
  - 6) Attended a two weeks Faculty Development Programme on **“Teaching Methodology in Engineering Education”** from July 09-22, 2011 at PDM College of Engineering, Bahadurgarh.
  - 7) National Conference on **Future Technologies in Science & Engineering (FTSE-2011)** on November 17-18, 2011, organized by P.D.M. College of Engineering in collaboration with IEEE-IMS/EMBS.
  - 8) National Seminar on **“Advances in Cloud Computing”** on September 20, 2013, organized by IEEE student branch, P.D.M. College of Engineering in collaboration with IEEE-IMS/EMBS as an honorable Guest.
  - 9) Attended a Public Awareness and Outreach Programme entitled **“DAE Technologies for Rural India”** from November 21-22, 2013 Organized by Global Centre for Nuclear Energy Partnership, Bahadurgarh at PDM College of Engineering, Bahadurgarh.
  - 10) Attended a two days Workshop on **“Vacuum Plasma and Thin Film Deposition Technologies”** from November 26-27, 2013 Organized by Technology Application Service, New Delhi at P.D.M. College of Engineering, Bahadurgarh.
  - 11) Attended a one week Faculty Development Programme on **“Effective Engineering Education”** from December 17-23, 2012 at P.D.M. College of Engineering, Bahadurgarh.
  - 12) Attended a one week Faculty Development Programme on **“Effective Engineering Education”** from February 03-09, 2014 at P.D.M. College of Engineering, Bahadurgarh.
  - 13) National Conference on **“Signal Processing in Engineering & Technology” (SPET-2014)** on April 4, 2014, organized by P.D.M. Group of Institutions in collaboration with IEEE Student branch and IMS/EMBS.
  - 14) Attended a 25<sup>th</sup> IEEE Delhi Section Quarterly meet held at PDM College of Engineering, Bahadurgarh on September 6<sup>th</sup>, 2014
  - 15) National Conference on **“Emerging Trends in Computer Science and Information Technology (NCETCSIT-2015)”** on January 10, 2015, organized by Rawal Institute of Engineering and Technology.

- 16) International Conference on “**Innovation in Technology and Management**” (**3ICON-2015**) on January 16-17, 2015, held at Computer Software Institute Auditorium, Saket, NewDelhi.
- 17) National Conference on “**Recent Trends in Communication and Technology**” (**RTCT-2015**) on March 27, 2015, organized by P.D.M. Group of Institutions in collaboration with IEEE Student branch and IMS/EMBS.
- 18) Attended a one week Short Term Course on “**Nanotechnology: Developments and Application**” from May 18-22, 2015 at NITTTR, Chandigarh.
- 19) Attended a Faculty Development Programme on “**Energy Research and Management**” on July14, 2015 at P.D.M. College of Engineering, Bahadurgarh.
- 20) Attended a two days Workshop on “**Research Methodology**” on December29-30,2016, organized by MVSIT and BMCEM, Sonapat.
- 21) Attended a two weeks ISTE short term training programme on “**CMOS, Mixed Signal and Radio Frequency VLSI Design**” from 30/01/2017 to 4/2/2017,conducted by Indian Institute of Technology, Kharagpur.
- 22) Attended a one week Short Term Course on “**Sustainable Environmental Management through ICT**” from 27/2/17 to 03/03/17, 2017 at NITTTR, Chandigarh.
- 23) Attended a Workshop on “**Virtual - Labs:IIT Delhi**”on March 21, 2017,held at MVSIT and BMCEM, Sonapat.
- 24) Attended a one week Short Term Course on “**Optimization using MATLAB through ICT**” from July 17-21, 2017 at NITTTR, Chandigarh.
- 25) Attended a one week short term training programme on “**MATLAB and SCILAB through ICT**” from 18/09/2017 to 22/09/2017, conducted by NITTTR, Chandigarh.
- 26) National Conference on “**Latest Innovations in Data Science & Cyber Security**” on March23, 2018, organized by MVSIT and BMCEM, Sonipat.
- 27) National Conference on “**Role of Entrepreneurship in the era of Digital India**” on April 12, 2018, organized by MVSIT and BMCEM, Sonipat.
- 28) Attended a Three days Faculty Development Programme on “**Student Induction (FDP-SI)**” From July13-15, 2018 organized by AICTE, NewDelhi.
- 29) Attended a one week Short Term Course on “**4G and 5G through ICT**” from September 17-21, 2018 organized by NITTTR, Chandigarh at MVSIT, Sonipat.
- 30) Attended a one week Short Term Course on “**Faculty Development and Management forInstitutional Excellence through ICT**” from November 26-30, 2018 organized by NITTTR, Chandigarh a tBMCEM, Sonipat.
- 31) Attended a one week Short Term Course on “**Artificial Intelligence and Optimization through ICT**”f rom January 21-25, 2019 organized by NITTTR, Chandigarh at MVSIT, Sonipat.
- 32) National Conference on “**Latest Innovation in Engineering Sciences and Management**” on Feb1, 2019, organized by MVSIT and BMCEM, Sonipat.
- 33) Attended a one week Short Term Course on “**Machine Health Monitoring**

**and Evaluation using IOT through ICT**” from March 25-29, 2019 organized by NITTTR, Chandigarh at MVSIT, Sonipat. Attended a one week Short Term Course on **“Effective Teaching”** from July 15-19, 2019 organized by NITTTR, Kolkata at MVSIT, Sonipat.

34) Attended a one week Short Term Course on **“Rural Development through Technical Institution”** from July-August 29-02, 2019 organized by NITTTR, Kolkata at MVSIT, Sonipat.

### **Special Activities:**

- Worked as **core committee member of NBA Team** at **P.D.M. College of Engineering, Bahadurgarh** and handled all the processes related to accreditation.

### **Other Activities:**

- Worked as an HOD of ECE & EE.
- Worked as a Controller of Examinations.
- Academic Monitoring Incharge of final year students of ECE Branch.
- Feedback In charge of ECE department.
- Organized the various National Level Conference at PDMCE.
- Involved in various Disciplinary duties at department level as well as college level.

### **Software Exposure:**

- Orcad PSpice
- Xilinx

### **Achievements:**

- Worked as a Convener for various National Level Conference organized at PDMCE.

### **Strengths:**

Team Sprit, Hard Working, Soft Spoken, Extremely dedicated to work & prefers to work under deadlines.

### **Demographic details:**

Father's Name	:	Sh. Suraj Bhan
Date of Birth	:	Dec.2, 1973
Sex	:	Male (Married)
Languages Known	:	English, Hindi
Mobility	:	Any where in India

I declare that all the information mentioned in this resume is true with the best of my knowledge and belief.

**Date:**

**Place:**

**(Dr. Rajiv Dahiya)**