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| **arbi** | Arbind Kumar Singh  Flat no 402, Sampada Essarjee  B Block, Khajuri Kalan  Bhopal, MP -462022  Mobile: 7987606449  Email: arbindsingh001@gmail.com  <https://www.linkedin.com/in/arbind-kumar-singh-1188a4229> |

**CURRICULAM VITAE**

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| **Career Objective:** |

To impart knowledge to students and peers and also learn from them for over-all growth of organization

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| **Professional Experience and Introduction:** |

* Working as Assistant Professor in Electronics and Communication Engineering at Bansal College of Engineering, Mandideep from 1st Sept 2016 to till today.
* Have worked as Head of Department and Assistant Professor in Corporate Institute of Research and Technology , Bhopal from 11th July 2014 to till 13th Aug,2016.
* Active Member of NAAC Committee in Corporate Group of Institution, Bhopal and Institute was successfully accredited with NAAC.
* Working as Chief Warden of Sankalp Boys Hostel ,Corporate Group of Institution, Bhopal from 18th July 2016 till till 13th Aug,2016.
* Have worked with Centurion University of Technology and Management, Paralakhemundi (Odisha) for three years as a Lecturer (13th July 2009-18th July 2012).

**Certification:**

* 11 month Executive Post Graduate Certification in Data Science & Artificial Intelligence
* MS SQL Developer Course

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| **Educational Qualifications:** | | | | | |
| **Class (Board/University)** | **Institution** | **Year** | **Percentage/CPI** |
| M.TECH(COMM. SYSTEM) | MNNIT,Allahabad | 2012-2014 | 93.70 |
| B.Tech (BPUT,ROURKELA) | C V Raman Global University, Bhubaneswar | 2004-2008 | 76.70 |
| 12th (CBSE) | BISSS Sector 11 D, Bokaro | 2001-2003 | 83 |
| 10th (JSEB,RANCHI) | +2 High School Sector 6, Bokaro | 2000-2001 | 66.67 |

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| **Work Experience:** |

**Organization I:** Bansal College of Engineering(BCE), Mandideep (MP) Under RGPV Bhopal

**Designation:** Assistant professor

**Duration:** 1st Sep 2016- Till today

**Subjects:** Signal and Systems, Digital Signal Processing, Digital Electronics Circuit, Analog

Communication, Digital Communication, Data Communication, Electronic Devices Circuits

**Organization II:** Corporate Institute of Research and Technology(CIRT), Bhopal (MP) Under RGPV

Bhopal

**Designation:** Assistant professor

**Duration:** 11th July 2014 to 13th Aug,2016

**Subjects:** Signal and Systems, Digital Signal Processing, Analog Communication,

Digital Communication, Electronic Devices Circuits

**Organization III:** Centurion University of Technology and Management, Paralakhemundi (Odisha)

**Designation**: Lecturer

**Duration:** 13th July 2009-18th July 2012

**Subjects:** Signal and Systems, Digital Signal Processing, Analog Communication,

Digital Communication, Physics of Semiconductor Devices, Digital Electronics,

Analog Electronic Circuits

**Organization III:** Assurgent Technology solutions Pvt. Ltd., Bhopal

**Designation**: Software Developer

**Duration:** 2nd Feb 2008-10th July 2009

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| **Papers Published:** |

* A.K.Singh, Guthi Srinivas, D. Jabin, Nanda Kishore, “Broadband Long Microstrip Patch Antenna for E And W Band”, IEEE Conference on Engineering and Systems(NIT Allahabad) ,May 2014.
* Guthi Srinivas, A.K.Singh ,D. Jabin, “Multiband MIMO Antennas with Reduction in Mutual Coupling and ECC”, IEEE Conference on Engineering and Systems(NIT Allahabad) ,May 2014.
* Guthi Srinivas, A.K.Singh ,D. Jabin, “Multiband MIMO Antennas with Reduction in Mutual Coupling and ECC”, IEEE Conference on Engineering and Systems(NIT Allahabad) ,May 2014.
* Arbind Kumar, Singh, Pratyush Kumar Mishra, V. K. Dwivedi “Log Spiral conical Antenna for MAV Image Reception Subsystems”, International journal of Engineering Research (IJER), vol. 3. pp 12-16, 2014.
* Arbind Kumar, Singh, Preety D Swamy, “Review of Intelligent Fault Detection of Single and Multiple Faults In Rotating Machines”, International Conference on Advances In Mechanical Engineering (ICAME-2020) at SATI, Vidisha

**Workshop and Seminar Attended/Organized:**

* Have attended one week Workshop on “ Communication and antenna Design for IoT” organized at MNNIT, Allahabad(22nd Sep. 2017-27th Sep 2017)
* Have attended Two week ISTE STTP on “ Electric Power System” Conducted by IIT Kharagpur organized at BCE, Mandideep(12th Jun. 2017-15th Jul 2017)
* Attended for Coordinator of Two week ISTE STTP on “ CMOS,Mixed Signal and radio Frequency VLSI Design” Conducted by IIT Kharagpur organized at BCE, Mandideep (19th Sep. 2016-23rd Sep. 2016)
* Attended and Coordinated Two week ISTE STTP on “CMOS,Mixed Signal and radio Frequency VLSI Design” Conducted by IIT Kharagpur organized at BCE, Mandideep (30th Dec.2017-4th Feb 2017)
* Have attended one week short term course on “ 3 G Wireless Networks, MIMO systems and antenna Design” organized at MNNIT, Allahabad(8th July 2013-13th July 2013)
* Have attended two week AICTE sponsored staff development programme on “Evolutionary optimization and soft computing techniques” organized at JITM, Paralakhemundi (31st May 2010-12th Jun.2010
* Have attended two week AICTE sponsored staff development programme on “Teaching Electromagnetic theory with modern visualization Techniques” organized at JITM, Paralakhemundi (16th Nov. 2009-28th Nov.2009)
* Organized Two week Training programme on “Antenna Design using HFSS” at BCE, Mandideep.( 16th Nov. 2019-28th Nov.2019)
* Organized two week Training programme on “MATLAB Programming and Simulink” at BCE, Mandideep(8th July 2019-13th July 2019)

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| **Areas of Interest:** |

* Signal and Systems
* Digital Signal Processing
* Digital Electronic Circuits
* Digital Communication
* Communication System
* Fundamental of Electronics
* Electronic Devices and Circuits
* Analog Communication

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| **Summer Training/Internship:** |

* **Title:** Vocational Training
* **Organization:** SAIL, Bokaro
* **Duration:** 15th May 2006-10th Jun. 2006
* **Role:** Summer Trainee
* **Abstract:** One month vocation training program done in Bokaro Steel Plant. The different scopes are telecom, rail and special instruments group x-ray spectrometer and walkie –talkie.

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| **Projects:** |

During 11 month Executive Post Graduate Certification in Data Science & Artificial Intelligence course following capstone project studied and accoplished

* **Customer Churn**
* **Netflix**
* **Covid 19**
* **Walmart**

**M Tech Project**

* **Project Title:** Long Rectangular Microstrip Patch Antenna
* **Software:** High Frequency Structure Simulator
* **Description:** Long Microstrip patch antenna is designed on variable dielectric substrate which is used for bandwidth and gain enhancement.

**B. Tech Project**

* **Project Title:** Image Segmentation using Thresholding Technique(B Tech)
* **Language: C**
* **Description**: Correlation based image segmentation method is used for image segmentation. The threshold is found by the maximizing the correlation between the originaWl image and the thresholded image with respect to the threshold gray value**.**

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| **Computer Skills:** |

* Programming Language: MATLAB
* Softwares: High Frequency Structure Simulator (HFSS)
* LT SPICE
* Circuit Maker

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| **Achievements/Awards:** |

* Received an Award with hand of Former MP of Bhopal Mr. Alok Sanjar from Srijan 2018- Bhopal to achieve Excellence in the subject “Electronic Devices Circuit” in March -2018 for session 2016-2017.
* Received an Award and Cash Prize of Rs 50000 from BGI Group to achieve Excellence in the subject “Electronic Devices Circuit” in Session July –Dec 2016.
* Received an Award and Cash Prize of Rs 50000 from BGI Group to achieve Excellence in the subject “Fundamental of Electronics” in Session July –Dec 2016.
* Received an Award and Cash Prize of Rs 50000 from BGI Group to achieve Excellence in the subject “Signals and Systems” in Session Jan –June 2017
* Received an Award with hand of Honorable Governor Anandi Ben Patel. and Cash Prize of Rs 50000 from BGI Group to achieve Excellence in the subject “Signals and Systems” in Session July –Dec 2017.
* Received an Award with hand of Mr. Dijvijay Singh, MP- Rajya Sabha and Cash Prize of Rs 10000 from BGI Group to achieve Excellence in the subject “RFID” in Session Jan-June 2019.
* Received an Award with hand of with hand of Mr. Dijvijay Singh, MP- Rajy Sabha. and Cash Prize of Rs 20000 from BGI Group to achieve Excellence in the subject “DC Signals and systems” in Session Jan-June 2019
* Got 1st prize in quiz competition organized by Computer Society of India, Bhubaneswar at C V Raman College of Engineering, Odisha.

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| **Hobbies:** |

* Playing and Watching Cricket
* Listening spiritual content

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| **Personal Details:** |

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| **Nationality** | Indian | **Place of Birth** | Bokaro Steel City |
| **Date of Birth** | 18-06-1985 | **Gender** | Male |
| **Father’s Name** | Mr. Lalan Singh | **Mother’s Name** | Mrs. C M Devi |
| **Permanent Address** | Flat No 402, B Block, Essarjee Sampada , Khajuri, MP, 462022 | **Permanent Contact No.** | 7987606449 |

I hereby declare that all the information given is correct to the best of my knowledge.

Date:

Place: Bhopal (Arbind Kumar Singh)