



RITAMBHARA

Gender
Female

D.O.B
10/09/1991

Father's Name
Mr. Ravi Shankar Singh

Permanent address
A-805 Mahima panorama near
SKIT Jagatpura Jaipur 302017

Present Address
A-805 Mahima panorama near
SKIT Jagatpura Jaipur 302017

Phone No.
+919472512757

Email
Ritambhara8334@gmail.com

Languages Known
Hindi (Mother Tongue),
English

CAREER OBJECTIVE

To serve a reputed organization where I can apply and enrich my analytical, technical skills as well as foster my research skills. To be a part of the team which is open to sharing, learning, hard work and criticism. I wish my job to provide me with enough opportunities to grow and develop as a person, apart from providing me a good career.

Summary of Qualifications

- Work well as a team member, team leader or independently.
- Met or exceeded all performance goals to date.
- Resourceful, energetic, competent, multi-task and results-oriented.

PhD Perusing (2018).

Master of Technology (M.tech) (2016)

Stream- VLSI Design

University- Noida International University

Percentage -70%

Bachelor Of Engineering (B.E) (2012)

Stream –Electronics& Communication

University – Rajiv Gandhi Technical University, Bhopal, M.P.

Percentage- 76% (first class with dist)

SR. SEC. SCHOOL (2008)

Stream - Math's

University - Central Board of Secondary Education (C.B.S.E.)

Percentage – 60.1%

SEC. School (2006)

University - Central Board of Secondary Education (C.B.S.E.)

Percentage -72%

PROFESSIONAL CERTIFICATIONS

- An online course on "Blockchain" authorized by Vanderbilt University and offered through Coursera.
 - One week STC on "LATEX: A scientific writing tool" at MNIT, Jaipur.
 - An online course on "Machine Learning" authorized by Stanford University and offered through Coursera.
 - An online course on "How to Build Chabot" through Coursera Cognitive AI.
 - CCNA certified with Eljay InfoTech Ltd. With A+ grade.
 - Hands-on training on PLC& SCADA under Sofcon Private Ltd.
 - Done CORE JAVA certification from NIIT.
 - Hands-on training on "IOT and its Applications" organized by IIT, Banaras.
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FACULTY DEVELOPMENT PROGRAM & WORKSHOPS

- 5 Days workshops "**Managing yourself**" from NITTTR Chandigarh.
 - 5 Days workshops "**Outcomes based Education**" from NITTTR Chandigarh.
 - 5 Days workshops on "Advance pattern recognition" from MNIT Jaipur Organized by GIAN.
 - 5 Days workshops on "Cyber Security" from IIT Patna Organized by GIAN .
 - 5 Days workshops "**IOT & Its Applications**" from NITTTR Chandigarh.
 - 5 Days workshops "**NBA Accreditation**" from NITTTR Chandigarh.
 - 5 Days workshops "**MATLAB and its Applications**" from NITTTR Chandigarh.
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JOURNALS AND CONFERENCES.

- Paper on "FPGA implantation of low power Vedic Multiplier" published by Seven sense researchgroup (SSRG).
- Ritambhara. Y. Sharma, S. Vyas, "Supercontinuum Generation: Advanced Application of Photonic Crystal Fiber", 2nd International Conference on "Recent Technological Developments in Electronics and Electrical Engineering-2018 (RTDEEE-2018) at JECRC, Jaipur, April (06th - 07th) 2018.
- Ritambhara, Y. Sharma, Nishi aggarwal, S. Vyas, "Carbon Nano-Tube Field Effect Transistor (CNTFETs): A Promising Technology for future Ics" In 2nd International "International Conference on Communication, Optical and Microelectronics (ICCOMET 2020).
- Ritambhara, Y. Sharma, Ritu Vyas, S. Vyas, "The Study on SILVER AND GOLD BASED PLASMONICS BASED FIBRE OPTIC SENSORS: A REVIEW" "In 2nd International "International Conference on Communication, Optical and Microelectronics (ICCOMET

2020)".

- Presented paper on "5G Communication" in National Conference on Engineering Application of Material Science -2018 in JECRC Jaipur.
- Presented paper on "LASER Communication Technique" in National Conference on Engineering Application of Material Science -2018 in JECRC Jaipur.

PROFESSIONAL SERVICES

- Organized the TEQIP-III Sponsored 5 days Workshop as Co-Convener on "Research Trends in Communication and Circuits (RTCC)" from 19-23 February, 2021 at Jaipur Engineering College and Research Centre, Jaipur.
- Organized the TEQIP-III Sponsored 5 days Workshop as Co-Convener on "Emerging Trends in Nanotechnology-(ETNT-2020)" from 21-25 September, 2020 at Jaipur Engineering College and Research Centre, Jaipur.
- Organizing Committee Member in "International Conference on Communication, Optical and Microelectronics (ICCOMET 2020)", during August 27th -28th, 2020 at Jaipur Engineering College and Research Centre (JECRC).
- Organizing Committee Member "International Conference on Communication, Optical and Microelectronics (ICCOMET 2019)", during April 5 th -7 th , 2019 at Jaipur Engineering College and Research Centre (JECRC).
- Coordinated TEQIP-III Sponsored Workshop "Emerging Trends in Nanotechnology (ETNT-20)" in collaboration with RTU (ATU) & JECRC (September 2020).
- Coordinated TEQIP-III Sponsored FDP "Emerging Trends in Nanotechnology (ETNT-20)" in collaboration with RTU (ATU) & JECRC (Feb 2021).
- Organizing committee member for the "The International Conference on Advances in Materials Science, Communication and Microelectronics (ICAMCM-2021)" organized by Department of ECE at JECRC, Jaipur (February 2021).
- Program Committee member of IEEE International Conference on Computing, Communication, and Intelligent Systems (Co-Sponsored by IEEE) held in Sharda University, Greater Noida , U.P 10-20th Feb 2021.
- Member of the departmental committee for National Board of Accreditation (NBA) during session 2020-21(Criteria-1) at JECRC, Jaipur .
- Member of the departmental committee for National Board of Accreditation (NBA) during session 2021-22(and Criteria In charge of Criteria-5 at JECRC, Jaipur .
- Organized the TEQIP-III Sponsored 5 days Workshop as Co-Convener on "" from 19-23 February, 2021 at Jaipur Engineering College and Research Centre, Jaipur.

- Organized Online Event Under Spiritual Research Cell (Centre of Excellence in Science & Spirituality), Jaipur Engineering College and Research Centre, Jaipur is organizing a two - day online event on "Meditation for Emotional Stability" during 27th to 28th August, 2021.
 - Organized Online Event Under Spiritual Research Cell (Centre of Excellence in Science & Spirituality), Jaipur Engineering College and Research Centre, Jaipur is organizing a two - day online event on "Meditation for Emotional Stability" during 27th to 28th August, 2021.
 - Organized the TEQIP-III Sponsored 5 days Workshop as Co-Convener on “Stress and Anger Management ” from 15-19 December, 2020 at Jaipur Engineering College and Research Centre, Jaipur.
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Computer Proficiency

- Programming languages:-C, C++, Core Java, VHDL, Verilog, MATLAB, J2SE,HTML, Python.
- Software:- Opti FTDT, Cadence, HSpice, Tanner, OrCad, TCAD, LTSpice, Cadence.
- Microsoft Office and allied utilities knowledge.
- Others: Academic research, teaching, training, LATEX typesetting and publishing.

Patents & Copyright

Patents

- Title “High Efficient wind solar diesel hybrid system and method thereof for application in remote areas”.
 - Application No: 201911023126.
- Title “Method for free space Optical Communication with minimizing for related atmospheric Interference”.
 - Application No: 201910235465.
- Title “A system for agriculture field monitoring and pest controlling”.
Application No: 2020210227373A.
- Title “Ensuring Nutritional value of food products from manufacturer to consumers using wireless sensor network and Blockchain technology”.
 - Application No: 20214102.
- Title “IOT Based remote patient Monitoring System Using Wireless Body area Networks(WBAN)”.
 - Application No: 202141060766A
- Title “COVID-19 PATIENT HEALTHCARE MOINTORING SYSTEM USING IOT AND WEARABLE SENSOR”.
 - Application No: 202141060766.

BOOK CHAPTERS:

J.sharma, **Ritambhara** , Avireni Srinivasalu “A Novel CNFET-Based CCCDTA and Its Application as a Schmitt Trigger” Advances in Smart Grid Automation and Industry 4.0, Select Proceedings of ICETSGAI4.0 (pp.93-101) Lecture Notes in Electrical Engineering, DOI:[10.1007/978-981-15-7675-1_9](https://doi.org/10.1007/978-981-15-7675-1_9)

Awards

- Secured 1st position in Robotics Competition organized by collaboration of Robsapiens India IT – BHU.
 - Secured 1st, 2nd rank in I.G.S.C Scholarship exam in year 2003, 2004 respectively.
 - GATE Exam Qualify in Electronics and Communication in 2012.
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DECLARATION

I HEREBY DECLARE THAT THE ABOVE MENTIONED STATEMENTS ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dated:- _____

RITAMBHARA