**RESUME**

**Name:** Prabhjot Kaur

**Designation:**Assistant Professor

**Department:**Deptt. of Electronics & Communication Engg.,

Baba Banda SinghBahadur Engg. College,

 Fatehgarh Sahib – 140407

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**Academic Background:**

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| Qualification | College/University | Year of passing |
| Ph.D | IKGPTU Jalandhar | pursuing |
| M.Tech.  | BBSBEC, Fatehgarh Sahib/ P.T.U., Jalandhar | 2013 |
| B.TECH | BBSBEC, Fatehgarh Sahib | 2005 |
| Diploma  | P.S.Board of Tech. Edu. Chandigarh. | 2002 |

**Work Experience:**

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| From | To | Designation | Place |
| August,08 | Till date | Lecturer | B.B.S.B.E.C., Fatehgarh sahib |
| Dec,07 | July,08 | Lecturer | B.S.A.I.T.M ,Faridabad |
| Dec,06 | Aug,2007 | Operation-Executive | I.B.M Daksh, Kishangarh (Near Chandigarh) |
| July,05 | Sep,06 | Technical Consultant | CSRCD-CSRL ISRDO, Delhi |

**Area of Interest:** Wireless Communication Technologies & Networks

**Courses Taught:**  Digital Communication, Wireless Communication, Microwave and Radar Communication, Optical Fiber Communication, Environmental science, Total Quality Management, Operating System, Object Oriented Programming, Pulse & Wave Switching, Digital Circuit & Logic Design, Human Recourse Management, Neural Network, Electronic Instrumentation, Personal and Industrial Management.

**Short Term Course and Faculty Development Program**

1. **Three Days worhshop on** “Secrets of Guru”atBBSBEC, FatehgarhSahib, at BBSBEC from 29th Sept 09 to 1st Oct 2009 organized by Seed Infotech Limited Pune.
2. **Two week STC on** “Matlab for Signal Processing and Wireless Communication”, Thapar University from Dec 14- 25, 2009 organized by AICTE .
3. **Three days FDP on** “Emotional Intelligence for Organization Excellence”, BBSBEC, Fatehgarh Sahib, from July 12-14, 2010 organized by PTU, Jalandhar .
4. **Two days FDP on** “Human Values”, BBSBEC, Fatehgarh Sahib, from July 16-17, 2010 organized by PTU, Jalandhar .
5. **One week FDP on** “High Impact Teaching”, BBSBEC, Fatehgarh Sahib, from July 19-23, 2010 organized by Dale Carnegie Training Associates and Wipro.
6. **One Week FDP on** “Achieving Excellence in teaching and learning: Synergic actions” organized by Deptt. Of T&P BBSBEC Fatehgarh Sahib on 23rd to 27th May 2016.
7. **Two Days Workshop on** “Experiential learning programme to groom the skills” organized by Deptt. Of T&P, TRINITI, BBSBEC Fatehgarh Sahib on 3rd to 4th January 2017.
8. **One day Workshop on “The Future of making Things” organized by AUTODESK Fusion 360” at** BBSBEC Fatehgarh Sahib on 2nd Aug 2017.
9. **All India two days Seminar on** “Role of Embedded system in wireless sensor networks” organized by IE(I) at BBSBEC Fatehgarh Sahib from 11th to 12th oct 2018.
10. **One day Workshop on “** Mathematical Modelling using PetriNet and Optimization of Systems” organized by IE(I) at BBSBEC Fatehgarh Sahib on 20th April 2018
11. **All India four days Workshop on “**Advanced Wireless Communication and its Implications” organized by IE(I) at BBSBEC Fatehgarh Sahib from 10th Sept. to 14th Sept. 2018.
12. **Two days Workshop on** “Practical Approach Towards Deep Learning”atBBSBEC Fatehgarh Sahib from 11th to 12 th July 2019.

**Journal&Conferences**

International & National Journal

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| **S.No** | Title of paper | Name of the author/s | Name of journal | **ISBN/ISSN number** | Year of publication |
| **1** | To Study the Impact Of Varying Node Density And Traffic Type Of 802.16e Based Opnet Model | Prabhjot kaur, Sonia  | International Journal of Advanced and Innovative Research | ISSN: 2320-5407 | 2013 |
| **2** | Neural Network Based Handoff Status in Cellular Mobile Network | Kumar Gaurav and Prabhjot Kaur | International Journal Of Engineering Science & Research Technology | ISSN: 2277-9655 | 2014 |
| **3** | Comparative Analysis of Wired And Wireless LAN Network QOS Using Opnet As Simulation Tool | Kumar Gaurav and Prabhjot Kaur | International Journel of Engineering Science and Research Technology | ISSN:2277-9655 | 2014 |
| **4** | A hybrid PSO-GA approach to solve Vehicle Routing Problem | Pallvi Sharma and Prabhjot Kaur | International Journal of Engineering Development & Research | ISSN: 2321-9939 | 2015 |
| **5** | Performance Evaluation of LTE-Based System Parameters using OFDM in Indoor and Outdoor Environment | Amanpreet Kaur and Prabhjot Kaur | International Journal of Multidisciplinary research Hub | ISSN: 2394-3122  | 2017 |

International &National Conference

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| S.No |  Name of the teacher: Title of the paper | Title of the book published: Name of the author/s : Title of the proceedings of the conference | Name of the publisher: National/Internationa | ISBN/ISSN number of the proceedings | Year of publication: |
| 1 | Prabhjot Kaur, Amarjit Kaur, Sonia  | An Acceptance Nascence of Era Solar Power Plants | International Conference of Environmental Challenges a Global Concern (ICEC-10) by KVM Jallandhar held on 15-16 Oct’2010 | ------ | 15-16 Oct’2010 |
| 2 | Prabhjot Kaur and Sonia  | Emergent Applications of UWB (ULTRA WIDE BAND) | International Conference on Engineering Innovations – A Fillip to Economy (ICEI 2K10), organized by CIIS Jalvera | ------ | 18-20 Feb’2010. |
| 3 | Harpreet Kaur and Prabhjot Kaur | Image Processing: A bone to digital Technology | National conference on Advances in Electrical & Electronic Communication Engineering, at BBSBEC FGH | ------- | 2015 |
| 4 | Parwinder Kaur and Prabhjot Kaur | Channel Coding in Deep Space Communication using Low Density Parity Check Codes | National conference on Advances in Electrical & Electronic Communication Engineering, BBSBEC FGH | ------- | 2015 |
| 5 | Prabhjot Kaur and Hardeep Singh Saini | QoS OPNET MODEL FOR WIMAX APPLICATION | National Symposium on Modern Information And Communication Technologies For Digital India (Mictdi-2016), at IETE Chandigarh and CSIR & CSIO Chandigarh | ------- | 2016 |
| 5 | Pallvi Sharma and Prabhjot Kaur | Energy Efficient Hybrid Topology for wireless sensor network | International Conference on Innovative Research in Electrical Electronics and Communication Technology, | p-ISSN: 2349-5804; e-ISSN: 2349-5812 | 2016 |
| 6 | Amanpreet Kaur Sidhu and Prabhjot Kaur | Role of information technology in women empowerment | International conference of ECO-Sensitive Developments in Science and Technology. | ISBN: 978-81-920451-5-3 | 2017 |
| 7 | Performance Analysis of Fi-Wi Network With LTE-A to Achieve Improved QoS | Prabhjot Kaur & Hardeep Singh Saini | 2nd International Conference on Inventive Communication and Computational Technologies (ICICCT 2018) | ISBN: 978-1-5386-1974-2 | **2018** |
| 8 | Sanjogita , Prabhjot Kaur, Sonia | Network systems and Services: A Review on Security Prospects” in the proceedings | Thirty Fourth National Convention of Electronics and Telecommunication Engineers” organized by Institute of Engineers |  | Oct 21-22’2018 |
| 9 | Aastha Khullar,Sonia, Prabhjot Kaur | QoS in Cross Decision Based Routing Protocol for VANETs | Thirty Fourth National Convention of Electronics and Telecommunication Engineers” organized by Institute of Engineers |  | Oct 21-22’2018 |