

Present Status:

Working as Assistant Professor in ECE Department, University Institute of Engineering & Technology (UIET), Panjab University, Chandigarh.

Teaching Experience:

Oct 2012- to date as Assistant Professor in ECE Department, UIET, Panjab University, Chandigarh.
Jan 2012- Oct 2012 as Guest Lecturer in ECE Department, UIET, Panjab University, Chandigarh.

Industrial Experience:

April 2009 – July 2010 at Ericsson India Ltd, Chandigarh.

Role : RF Engineer

Project Description : Design, Planning and maintenance of RF network for BSNL, Punjab.

Educational Qualifications:

M.E. Electronics & Communication from University Institute of Engineering & Technology (UIET), Panjab University, CHD with 76.4%

B.E. (Hons.) Telecommunication and I.T from University Institute of Engineering & Technology (UIET), Panjab University, CHD with 77.2%

12th CBSE board, Sacred Heart Senior Secondary School, CHD with 79.4%

10th CBSE board, Sacred Heart Senior Secondary School, CHD with 83%

Professional Training:

INFOSYS: Attended Infosys training course at UIET, P.U., Chandigarh- 2006.

B.S.N.L.: Attended one month training at BSNL, Chandigarh- 2005.

Key Publications:

Journals:

- Krishna Devi, Preeti Gupta, Diksha Grover, Anaahat Dhindsa, “An Effective Feature Extraction Approach for Iris Recognition System”, Indian Journal of Science and Technology, Nov 2016.
- Lakhwinder Bhullar, Sumit Budhiraja, Anaahat Dhindsa, “DWT and SIFT based Passive Copy-Move Forgery Detection”, International Journal of Computer Applications, volume 95, pp. 14-18 June 2014.
- Anaahat Dhindsa, Sumit Budhiraja, “Current Perspectives in Domain Based CBIR”, International Journal of Computer Science and Information Technology Research Excellence, Vol. 2, Issue 2, ISSN No. 2250- 2734 (Print), EISSN No. 2250- 2742 (Online), March - April 2012.
- Anaahat Dhindsa, Sumit Budhiraja, “Content Based Image Retrieval System”, International Journal for Electro Computational World Knowledge Interface, Vol. 1, Issue 3, ISSN No. 2249- 541X (Print), ISSN No. 2249- 5428 (Online), Nov 2011.

Conferences:

- Gunjan Rathore, Charu Narula and Anaahat Dhindsa, “Mitigation of Haze Effects on Free Space Optical Communication using Multibeam Technique”, 3rd International Conference on Intelligent Communication, Control and Devices, Springer, December 2018.
- Shweta Goel, Sumit Budhiraja, Anaahat Dhindsa, Nancy Mehta, “CT and MRI image fusion using wiener filter in dual tree framework”, 2nd International Conference on Telecommunication and Networks (TEL-NET) in IEEE Xplore, 2017.
- Navneet Kaur brar, Anaahat Dhindsa, Sunil Agrawal, “Prevention from hardware Trojan by reducing unused pins and AES in FPGA”, Advance intelligent system and computing series Springer in ICACNI 2017.
- Navneet Kaur brar, Anaahat Dhindsa, Sunil Agrawal, “Hardware Trojan prevention and detection techniques”, PU CHASCON 2017.
- Krishna Devi, Preeti Gupta, Diksha Grover, Anaahat Dhindsa, “An Effective Texture Feature Extraction Approach for Iris Recognition System”, International Conference on Advances in Computing, Communication and Automation, IEEE explore digital library, ISBN No. 978-1-5090-3480-2, Nov 2016.
- Krishna Devi, Preeti Gupta, Anaahat Dhindsa, “Feature Extraction Techniques For Iris Recognition System: A Review”, International Conference on Advancements in Engineering and Technology, March 2016.
- Ramandeep Kaur, Sumit Budhiraja, Anaahat Dhindsa, “Reversible Data Hiding Technique Based on Prediction Error Expansion and Complexity Gene”, IEEE International Conference on Recent Advances in Engineering and Computational Sciences, EISBN No: 978-1-4673-8253-32015.

Book:

- Anaahat Dhindsa, Sumit Budhiraja, “CBIR for CAD Images: Basics, Concepts & Implementation”, LAP LAMBERT Academic Publishing, ISBN: 978-3-659-46203-0.

Conference Organized:

- Member- Technical Program Committee, “International Conference on Recent Advances in Engineering and Computational Sciences (RAECS)”, 2014.

Workshops Organized:

- “Recent Trends in Signal Processing”, UIET, PU, Chd, 28- 29 April, 2016.
- “Workshop on LabVIEW”, UIET, PU, Chd, 4-6 Dec, 2013.
- “Curriculum Revision Workshop”, UIET, PU, Chd, 9 Feb, 2013.

FDP’s / Workshops/ Symposiums Attended:

- Attended Curriculum Revision workshop for Department of IT, UIET, Panjab university, Chandigarh as an expert, 14 Sep, 2018.
- “Recent Trends in Signal Processing”, Organized by UIET, PU, Chd, 28- 29 April, 2016.
- ISTE Workshop on “Pedagogy for Effective use of ICT in Engineering Education”, Organized by IIT Bombay, 12 June to 2 Aug, 2014.
- “Quality Initiatives in Technical & Higher Educational Institutions (in Compliance with NBA Accreditation)”, Organized by Engineering Staff College of India, 21-23 March, 2014.
- “LabVIEW Workshop”, Organized by UIET, PU, Chd, 4-6 Dec, 2013.
- Symposium on “Emerging Trends in Telecommunication & IT”, Organized by UIET, PU, Chd, 3-4 Oct, 2013.
- “NPTEL Workshop”, Organized by UIET, PU, Chd, 5 Aug, 2013.

- Faculty Development Programme on “Achieving Excellence in Technical Education”, Organized by UIET, PU, Chd, 16-19 July, 2013.
- “Curriculum Revision Workshop”, Organized by UIET, PU, Chd, 9 Feb, 2013.
- Faculty Development Programme on “Teaching & Soft Skills”, Organized by UIET, PU, Chd, 26-29 Dec, 2012.
- Attended 5th Chandigarh Science Congress, 26-28 Feb, 2011.

Achievements in Co-Curricular Activities:

I) **Rifle Shooting:**

- Participated in various National/State Level Shooting Championships and bagged Gold, Silver & Bronze medals.
- Made new meet record in Chandigarh State Shooting Championship – 2005.
- Declared Renowned Shooter at National Level by Government of India and granted import license with 100% Custom Duty Free to Import weapons & Ammunitions from Germany.

II) **NCC:**

- Declared Best Cadet by Unit 1st Chandigarh Girls BN NCC, Chandigarh in 2000.
- Participated in All India Trekking Expeditions & Attended annual Training Camps and was given Proficiency Award for Exceptional Leadership Qualities in March – 2000.