

Name: Pranshu Saxena

Professional Qualifications:

- PhD (Pursuing) from Punjab Technical University, Jalandhar, India (Registration September 2015)
- M. Tech., from Lovely Professional University, Jalandhar, India in 2013
- B. Tech. from VIT Pune, India in 2010

Teaching Experience (in Years): 3.10 Years

Subjects of interest: Pattern Recognition, Image Segmentation, Computer Network, Intelligence System, Network Security, Neural Network.

Academic achievements

1. ***Book In International Library (1)***

A book on the topic “***Computer Assisted Grading of Follicular Lymphoma: A Classification Based on Quality Parameters***” has been published by ***Lambert Academic Publication, Germany*** also available in American and German Libraries *ISBN 978-3-659-63092-7*.

2. ***International Journals (4)***

- Pranshu Saxena, Sanjay Kumar, Prateek Agrawal, “Texture Classification of Biased Cytoplasmic Tissues from Histopathological Imagery by Gabor Application” *Journal of Network and Innovative Computing* sponsored by *Machine Intelligence Lab* vol.1 no.1 pp.239-251. (2013).
- Prasenjit kumar Patra, Pranshu Saxena, Rajwinder Singh, “Different aspect Grid Security; Based on User Authenticity and Message-based Security Service: A Review,” in the society *Inter. J ourl. of Com. Appl.* vol. 67 no.24 pp. 21-31 (2013).
- Pranshu Saxena, Prasenjit Patra, Neeraj Kumar “An Energy Aware Approach in Leach Protocol for Balancing the Cluster Head in Setup Phase: An Application to Wireless Sensor Network” in the journal *Journal of Information Assurance and Security (JIAS)*. (2015).
- Pranshu Saxena, K. C. Tripathi, P. N. hrikesha, “Automated Nuclear Architecture of Each Biased Cell Nucleolus from Histological Imagery by Enhanced Contour Algorithm” in *International Journal of Graphics & Image Processing*. (vol. 4 no. 2) (2014).

3. *International Conferences (6)*

- Pranshu Saxena, Hari Singh Choudhary, “Quantitative analysis of Histopathological Image” International conference on Emerging Trends in Networks and Computer Communication (ETNCC-2011),” held in Udaipur (RAJASTHAN) IEEE Xplore digital object identifier- [10.1109/ETNCC.2011.6255910](https://doi.org/10.1109/ETNCC.2011.6255910) pp. 304-309 April 2011.
- Pranshu Saxena, “Comparative measurement of objective and subjective analysis of H&E Stained images by artificial neural network”, International conference on Image Information Processing (ICIIP-2011) held in Pune 2011 sponsored by Springer.
- Pranshu Saxena, Sankar Srivatsa, “Qualitative and Quantitative analysis of Histopathological Digital Image by Artificial Neural Network, “99th Indian Science Congress Association” (ISCA-2012) in Jan 2011 held in Bhubaneswar.
- Pranshu Saxena, “Computer- aided Prognosis of Histopathological Digital Image: A Classification, based on Quality Parameters”, 2012 Students Conference on Engineering and Systems) held in MNNIT Allahabad Sponsored by IEEE Joint Society Chapter of IE/PEL/CS. IEEE Catalog Number: CFP1201S-CDR | ISBN: 978-1-4673-0454-2 March 2012.
- Pranshu Saxena & Sanjay Kumar Singh, “Noble Approach for Texture Classification of H&E Stained Histopathological Image by Gaussian Wavelet”, 12th International Conference on Intelligent System and Design and Application (ISDA-2012)” held in Kochi. IEEE Xplore digital object identifier [10.1109/ISDA.2012.6416567](https://doi.org/10.1109/ISDA.2012.6416567) pp. 375-379 Nov 2012.
- Pranshu Saxena, Sanjay Kumar Singh & Prateek Agrawal, “A Heuristic Approach for Determining the Shape of Nuclei from H&E Stained Imagery” 2013 Students” Conference on Engineering and System) held in MNNIT Allahabad Sponsored by IEEE Joint Society Chapter of IE/PEL/CS.

Faculty Development Program/STTP/workshop Organized:

- 2 Days Workshop on Basics of Computer Network is organized during 18th Feb to 19th Feb 2014 at Lab 10, Inderprastha Engineering College, Ghaziabad: Total Participant was 50.
- 2 Days Workshop on Robotics organized during 23rd & 24th September 2016 at CS Seminar hall, Inderprastha Engineering College, Ghaziabad: Total Participant was 173.

Honors and Awards Received:

- Selected among 15 Young Scientists in India by **99th Indian Science Congress Association (ISCA)** in UG category gathering held in Bhubaneswar January 2011 Paper published in ISCA library.

- **ISIEA 2012 (2012 IEEE Symposium on Industrial Electronics and Application),** sponsored by “**IEEE Malaysia PEL/IE/IA Joint chapter**” in the area of digital (Medical) image processing (May 2012 & June 2013).
- **International Journal of Advanced Computer Research (IJACR)**” published under ACCENT society ISSN: 2277-7970, **ACCENTS Membership ID: 210682632** (Nov 2012).
- **International Journal of Engineering Research and Technology (IJERT),** under ESRSA publication. ISSN: 2278-0181 and ISO 3297:2007. (2013).

Supervisory support provided:

1. *No. of PhD Supervision:* Completed: 0 Ongoing:
2. *No. of M Tech Thesis Guided:* Completed: 2 Submitted: 1 Ongoing: 2

Membership of professional Societies:

- Membership of Indian Science Congress Association
- Serve as Designated **Reviewer** of *2012 IEEE Symposium on Industrial Electronics and Application (ISIEA 2012* and again in 2013) Conference sponsored by “**IEEE Malaysia PEL/IE/IA Joint Chapter**” in the field of Medical Image Segmentation (2012 & 2013).
- Among **Editorial Board of members** of International Journal of Advance Computer Research (**IJACR**) published under **ACCENT** Society Accents Membership ID: **210682632** (Nov 2012).
- Advanced Computing Machinery (ACM), Fellow Member.