

**Name: Pranshu Saxena**

**Professional Qualifications:**

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

**Teaching Experience (in Years): 2.5+ Years**

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

**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)*

- **Texture Classification of Biased Cytoplasmic Tissues from Histopathological Imagery by Gabor Application**” published in the *Journal of Network and Innovative Computing* sponsored by *Machine Intelligence Lab* vol.1 no.1 pp.239-251.
- 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. Jourl. of Com. Appl.* vol. 67 no.24 pp. 21-31 2013.

- A paper has been accepted on, “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).
- Journal published on, “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).

### 3. *International Conferences (6)*

- *Quantitative analysis of Histopathological Image*, **Pranshu Saxena** and Hari Singh Choudhary Selected for ORAL presentation in the committee of “**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.
- *Comparative measurement of objective and subjective analysis of H&E Stained images by artificial neural network*, **Pranshu Saxena**, Selected as a **Short paper** in the committee of **International conference on Image Information Processing (ICIIP-2011)** held in Pune **2011** sponsored by *Springer*.
- *Qualitative and Quantitative analysis of Histopathological Digital Image by Artificial Neural Network*, **Pranshu Saxena** and Sankar Srivatsa, Selected in ORAL category in “**99<sup>th</sup> Indian Science Congress Association**” (**ISCA-2012**) in Jan 2011 held in Bhubaneswar.
- *Computer- aided Prognosis of Histopathological Digital Image: A Classification, based on Quality Parameters*, **Pranshu Saxena** selected in Dialogue in SCES 2012 (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.
- *Noble Approach for Texture Classification of H&E Stained Histopathological Image by Gaussian Wavelet*, **Pranshu Saxena & Sanjay Kumar Singh** selected in ORAL category in “**12<sup>th</sup> 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.
- *A Heuristic Approach for Determining the Shape of Nuclei from H&E Stained Imagery*, **Pranshu Saxena**, Sanjay Kumar Singh and Prateek Agrawal, selected for ORAL presentation (Under

publication in IEEE Xplore) in SCES-2013 (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 18<sup>th</sup> Feb to 19<sup>th</sup> Feb 2014 at Lab 10, Inderprastha Engineering College, Ghaziabad: Total Participant was 50.

#### **Faculty Development Program/STTP/workshop attended:**

- Actively participated in Faculty Development Program held at Inderprastha Engineering College in the month of January 2014.
- Organize a Workshop on '*User Centred Design (UCD)*' organized by *Infosys*.
- Student Mentor in "*Bhartiya Vigyan Samellon*" held in lovely Professional University, Jalandhar PUNJAB, 2012.
- Introduction of, "**GENETIC ALGORITHM,**" it's working and application solving of TVS problem with the help of genetic algorithm, in the "Bharti Vidhya Peeth", Pune in the department of Computer Science.

#### **Honors and Awards Received:**

- Selected among 15 Young Scientists in India by **99<sup>th</sup> 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.