




Faculty Performa

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|----------------------------|--------|---|---------------|-----------|--------------|--|
| Title | Dr. | First Name | Nirmal | Last Name | Yadav | Photograph |
| Designation | | Assistant Professor | | | |  |
| Address | | Cluster Innovation Centre Rugby Seven's Building (University Stadium) G C Narang Road University of Delhi - 110007 | | | | |
| Phone No | Office | | | | | |
| Residence | Res- | | | | | |
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| Educational Qualifications | | | | | | |
| Degree | | Institution | | | Year | |
| B.Sc. | | University of Rajasthan | | | 2006 | |
| M.Sc. | | University of Rajasthan | | | 2008 | |
| Ph.D. | | Indian Institute of Technology Roorkee | | | 2014 | |

| Career Profile | | | |
|---|---------------------|------------|-----------|
| Organisation/Institute | Designation | Year | Role |
| Cluster Innovation Centre, and University of Delhi | Assistant Professor | Aug 2015 | Teaching |
| | | -Till date | Mentoring |
| Administrative Assignments | | | |
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| Areas of Interest / Specialization | | | |
| <ul style="list-style-type: none"> • Computed Tomography • Inverse Problems | | | |
| Subjects Taught | | | |
| <ul style="list-style-type: none"> • Understanding Signals • Calculus • Ordinary Differential Equations • Probability and Statistic • Discrete Mathematics | | | |
| Research Guidance | | | |
| Publications Profile | | | |

1. Tanuja Srivastava and Nirmal Yadav*, "On Image Reconstruction Algorithms with Discrete Radon Transform" International Journal of Applied Mathematics and Statistics, Issue: 2013, Volume 47, Issue Number: 17.
2. Tanuja Srivastava and Nirmal Yadav, "Error Estimation of Discrete Convolution Backprojection for Discrete Radon Transform" International Journal of Information and Communication Technology, Vol.7. Nos. 4/5, 2015.
3. Nirmal Yadav and Tanuja Srivastava, "Local and Global Tomographic Image Reconstruction with Discrete Radon Transform" IEEE Digital Library, 978-1-4673-4862-1/13.
4. Nirmal Yadav and Tanuja Srivastava, "A Modified Convolution Backprojection Algorithm for Tomographic Image Reconstruction with Contourlet Transform" International Journal of Computing Science and Mathematics (Accepted for publication).

Conference Organization/ Presentations (in the last three years)

- Nirmal Yadav and Tanuja Srivastava, "Local and Global Tomographic Image Reconstruction with Discrete Radon Transform" International Conference on Signal Processing, Image Processing and Pattern Recognition IEEE Digital Library, 978-1-4673-4862-1/13, IC-SIPR'2013.
- Nirmal Yadav and Tanuja Srivastava, "A New Implementation of Wavelet Transform for Reconstruction of Tomographic Images" in International Conference on Advances in Modelling, Optimization and Computing organized by Department of Mathematics, I.I.T. Roorkee Dec 5-7' 2011.
- Nirmal Yadav and Tanuja Srivastava, "Error Estimation for Cone Beam Tomography" International conference on Mathematical Sciences (Published by Elsevier) Chennai. Vol. / 2014.
- Nirmal Yadav and Tanuja Srivastava, "Convolution Backprojection Algorithm for Tomographic Image Reconstruction with Contourlet Transform" accepted in The Second International Conference on Engineering and Computational Mathematics (ECM2013), Hong-Kong.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

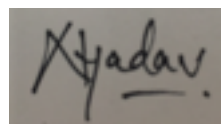
Gargi Prize- Government of Rajasthan-2000

Association With Professional Bodies

1. **Universal Association of Computer and Electronics Engineers (UACEE)- Membership ID is SM1005069.**
2. **International Association of Engineers (IAENG) - Member No: 136111.**
3. **Member of Ramanujan Mathematical Society.**

Other Activities

- Participated in Short Term Course on Medical Imaging and Image Analysis conducted at School Medical Science and Technology, Indian Institute of Technology Kharagpur.
- Participated in Advanced Instructional School on Theoretical and Numerical Aspects of Inverse Problems organized by Tata Institute of Fundamental Research Bangalore, during 16 June 2014 to 28 June 2014.
- Participated in National Workshop on Scientific /Research Paper Writing organised by The National Academy of Sciences, India.



Signature of Faculty Member

(Updated in January 2016)