

FACULTY PROFILE

Name: **Dr. Lalit Kishore**

Designation: **Assistant Professor & Head**

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Professional Qualification:

- Ph. D (CS) : 2013, Gurukul Kangri University, Haridar, UK
- MCA : 1998, First Division, Gurukul Kangri University, Haridwar.
- B.Sc (Computers) : 1995, First Division, Gurukul Kangri University, Haridwar.

Publications (Journals & Conferences):

- Papers in International Journals/Proceedings : 17
- Papers in National Journals/Proceedings : 03
- Papers presented in International Conferences : 09
- Papers presented in National Conferences : 04
- Books Published as Author with ISBN No. : 08
- Patent Published : 01

Research Papers

International

1. Exploring the Potential of Transfer Learning for Accurate Segmentation of Pathological Structures in X-Ray Images Lalit Kishore, Dr. M. Z. Shaikh, Pawan Kumar Goel, Arti Badhouthiya , IEEE 2nd International Conference on Disruptive Technologies (ICDT-2024), and also published in the IEEEExplore on pages 182-186, March-2024
2. Application of 3D Magnetic Resonance Imaging in the Characterization of Brain Tumors Lalit Kishore, Dr. M. Z. Shaikh, Pawan Kumar Goel, Arti Badhouthiya , IEEE 2nd International Conference on Disruptive Technologies (ICDT-2024), and also published in the IEEEExplore on pages 182-186, March-2024
3. Future Challenges and Convalescences in Machine Learning-based Cybersecurity Lalit Kishore, Naved Malik JETIR - Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Nov-2023.
4. C²Mesh: A New Interconnection Network Topology Based on 2D Mesh Lalit Kishore , Rajkumar 3rd IEEE International Advance Computing Conference (IACC-2013) AKGEC, Ghaziabad, India, February 22-23, 2013 and also published in the IEEEExplore on pages 282-286, ISBN-978-1-4673-4527-9.
5. A Survey on Recent Enhancements of Interconnection Networks Lalit Kishore , Rajkumar, Sapna Yadav Proceeding of International Conference on Recent Trends in

- Computing (ICRTC 2012) SRM University, NCR Campus, India, October 4-5, 2012 and also published in the conference proceeding on pages 139144, ISBN-978-93-81583-67-8.
6. Simulating the Mesh with Source Routing for Packet Loss Lalit Kishore, Rajkumar, Sapna Yadav Proceeding of International Conference on Communications & Electronics (ICCE-2012), KIET, Ghaziabad, 19-20 October 2012.
 7. C²Mesh: New Proposed Topology Lalit Kishore and Rajkumar, Proceeding of International Conference on Communications & Electronics (ICCE-2012), KIET, Ghaziabad, 19-20 October 2012.
 8. Performance Analysis of Interconnection networks for packet delay using Source Routing Lalit Kishore, Rajkumar, Sapna Yadav Proceeding of International Conference on Issues & Challenges in Networking, Intelligence & Computing Technologies (ICNICT'2012), KIET, Ghaziabad, 7-8 September, 2012 also published in IJCA proceedings on pages 1-5, November 2012, which is published by Foundation of Computer Science, New York, USA ISBN: 973-93-80870-09-1.
 9. Alternatives of XY-Routing for Mesh Lalit Kishore and Rajkumar, Proceeding of International Conference on Issues & Challenges in Networking, Intelligence & Computing Technologies (ICNICT'2012), KIET, Ghaziabad, 7-8 September, 2012 also published in IJCA proceedings on pages 6-8, November 2012, which is published by Foundation of Computer Science, New York, USA ISBN: 973-93-80870-09-1.
 10. Performance Evaluation of Mesh with Source Routing for Packet Loss Lalit Kishore and Rajkumar, International Journal of Scientific Research Engineering & Technology (IJSRET), ISSN: 2278-0882, Volume 1, Issue 2, page-124-129, August 2012.
 11. Simulation and Analysis of Packet loss in Mesh Interconnection Network with Source Routing Lalit Kishore and Rajkumar, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 2, Issue 6, June 2012.
 12. Simulation and Analysis of Packet loss in Mesh Interconnection Networks Lalit Kishore and Rajkumar, IJCA Proceedings on Development of Reliable Information Systems, Techniques and Related Issues, DRISTI(1):35 - 38, April 2012. Published by Foundation of Computer Science, New York, USA.
 13. Performance Evaluation on the Basis of Energy in NoCs Lalit Kishore and Rajkumar International Journal of Innovative Technology and Creative Engineering (IJITCE), ISSN:(Online) 20458711, (Print) 2045-869X, No-01, Vol-02, Feb, 2011.
 14. Network-on-Chip Evaluation Study for Energy Lalit Kishore, Rajkumar and Dheeraj Singh Proceeding of International Conference on Reliability, Infocom Technology and Optimization, Lingaya's University, Faridabad. ISBN:978-81-909732-2-9, Vol-01, page 633-637,1-3 Nov, 2010
 15. Optimising Up*/Down* Routing By Minimal Paths Lalit Kishore and Rajkumar International Journal of Computer Applications, ISBN:0975 – 8887, Volume 5– No.1, page 17-20, August 2010

16. Stratagems to perk up the Up*/Down* Routing Scheme Lalit Kishore and R.K.Bhatia. IMS-MANTHAN International Journal, ISSN-0974-7141 (Print) ISSN-0976-1713 (Online), Volume 5- Issue 2, page 53-58, Dec-2010
17. Raising Up*/Down* Routing in Irregular Interconnection Networks Lalit Kishore and R.K.Bhatia. Proceedings of International Conference on IT & Management, MAMIT, Jagadhri, Hariyana. page- 314320, ISBN: 0978-93-80697-02-4, 8-May-2010.

National

1. A survey on Evaluation for Interconnection Networks
Lalit Kishore Arora.
National Seminar on Advances in Computer Science and Technology, SRMSCET-Bareilly. 15 April-2007.
2. Study of Evaluation for Interconnection Networks
Lalit Kishore Arora and R.K.Bhatia and Karamjeet Bhatia.
National Conference on Emerging Technology & Trends in IT (NCET-2007), ITS-Ghaziabad. 6-7 April-2007.
3. Performance Enhancement of Interconnection Networks
Lalit Kishore Arora, R.K.Bhatia and Aditya Pratap Singh.
National Conference on Computer Sc & Information Technology, KIET-Ghaziabad. 11-12 Nov-2006.

Published Books:

1. .NET Framework with C# Programming, KATSON Publication, Delhi. (ISBN:81-8975-28-8)
2. C# programming using .NET Framework, KATSON Publication, Delhi (ISBN:978-93-80027-32-6)
3. Object Oriented System with C++, KATSON Publication, Delhi. (ISBN:81-89757-31-8)
4. Object Oriented Programming using C++, KATSON Publication, Delhi. (ISBN:978-93-5014029-1)
5. Object Oriented System with JAVA, KATSON Publication, Delhi. (ISBN:978-81-89757-75-1)
6. Website Designing with JAVA, KATSON Publication, Delhi. (ISBN:978-93-80027-29-6)
7. Object Oriented Techniques with JAVA, KATSON Publication, Delhi. (ISBN:978-93-5014-069-7)
8. Internet and JAVA Programming, KATSON Publication, Delhi. (ISBN:978-93-80027-29-6)

Awards and Achievements

- NCC 'C' Certified in 1995
- NSS Certified in 1995

Workshops/Seminars/FDPs

S. No.	Programme	Duration	Organised by
1	Certification program of IBM-DB2	05-20 March-2007	JSS, Noida

2	Sun Java Prog Language (SL275)	20-Oct to 11-Nov-2008	Ram Swaroop College, Lucknow
3	Microsoft.NET Workshop	21-25 Jan-2008	UPTU, Lucknow
4	Summer Faculty Research Fellow Program-2010	13-May to 16-July-2010	IIT, Delhi
5	FDP on Functional Programming	2-13 April-2012	AKGEC, Ghaziabad
6	FDP on Network Simulator (NS2)	5-16 Feb-2013	AKGEC, Ghaziabad
7	FDP on Agentic AI, Cyber Security and Quantum Computing in collaboration with IBM SkillsBuild	24-30 April-2026	SRM IST, Modinagar, Ghaziabad
8	NEP 2020 Orientation & Sensitization Programme	1-12 December 2023	IIIT, Kancheepuram, Chennai

Work Experience

28+ years

Professional Memberships

- Member, Life time membership in Institution of Electronics and Telecommunication Engineers, IETE. Member ID: M-230189.
- Fellow Member, Life time membership in International Association of Engineers, IAENG. Member ID:120685.
- Life time membership in International Association of Computer Science and Information Technology (IACSIT), Member ID: 80344297.
- Life time membership in Internet Society (ISOC), Member Type: Global, Member ID: 71026