

FACULTY PROFILE



Name: Dr. Lalit Kishore

Designation: Assistant Professor

E-Mail: lalitk@srmist.edu.in

Professional Qualification:

Ph. D (CS) : 2013, Gurukul Kangri University, Haridar, UK,
M.Tech (CS) : 2018, Magadh, University. Bodh Gaya, Bihar.
MCA : 1998, **First** Division, Gurukul Kangri University, Haridwar.
B.Sc (Computers) : 1995, **First** Division, Gurukul Kangri University, Haridwar.

Publications (Journals & Conferences):

Publications :

- Papers in International Journals/Proceedings : **14**
- 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**

Research Papers

International

1. C²Mesh: A New Interconnection Network Topology Based on 2D Mesh

Lalit Kishore Arora, 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.

2. A Survey on Recent Enhancements of Interconnection Networks

Lalit Kishore Arora, 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.

3. Simulating the Mesh with Source Routing for Packet Loss

Lalit Kishore Arora, Rajkumar, Sapna Yadav

Proceeding of International Conference on Communications & Electronics (ICCE-2012), KIET, Ghaziabad, 19-20 October 2012.

4. C²Mesh: New Proposed Topology

Lalit Kishore Arora and Rajkumar,

Proceeding of International Conference on Communications & Electronics (ICCE-2012), KIET, Ghaziabad, 19-20 October 2012.

5. Performance Analysis of Interconnection networks for packet delay using Source Routing

Lalit Kishore Arora, 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.

6. Alternatives of XY-Routing for Mesh

Lalit Kishore Arora 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.

7. Performance Evaluation of Mesh with Source Routing for Packet Loss

Lalit Kishore Arora and Rajkumar,

International Journal of Scientific Research Engineering & Technology (IJSRET), ISSN: 2278-0882, Volume 1, Issue 2, page-124-129, August 2012.

8. Simulation and Analysis of Packet loss in Mesh Interconnection Network with Source Routing

Lalit Kishore Arora and Rajkumar,

International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 2, Issue 6, June 2012.

9. Simulation and Analysis of Packet loss in Mesh Interconnection Networks

Lalit Kishore Arora 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.

10. *Performance Evaluation on the Basis of Energy in NoCs*

Lalit Kishore Arora and Rajkumar

International Journal of Innovative Technology and Creative Engineering (IJITCE),
ISSN:(Online) 20458711, (Print) 2045-869X, No-01, Vol-02, Feb, 2011.

11. *Network-on-Chip Evaluation Study for Energy*

Lalit Kishore Arora, 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

12. *Optimising Up*/Down* Routing By Minimal Paths*

Lalit Arora and Rajkumar

International Journal of Computer Applications, ISBN:0975 – 8887, Volume 5– No.1, page
17-20, August 2010

13. *Stratagems to perk up the Up*/Down* Routing*

Scheme Lalit Kishore Arora 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

14. *Raising Up*/Down* Routing in Irregular*

Interconnection Networks Lalit Kishore Arora 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

Work Experience: 25 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*