



1. Name of Scientist/ Technical Staff: Dr. Lalan Kumar
2. Date of Birth: 01/01/1964
3. Current Position: Principal Scientist
4. Educational Qualification after+2 with subject, year of Passing, Name of University/ Institute

Ph.D. (Applied Mathematics)	Indian School of Mines, Dhanbad	1994	Awarded
Certificate in Scientific & Tech. German Language	Indian School of Mines, Dhanbad	1990	Pass
M. Phil (Applied Maths.)	Indian School of Mines, Dhanbad	1988	1 st Class with Distn.
M. Sc. (Mathematics)	Magadh University, Bodhgaya	1986	1 st Class
B. Sc. (Maths. Hons)	Magadh University, Bodhgaya	1984	1 st Class

5. Work Experience : - Twenty Six Years
6. Area of Specialization : Networking & Communication, GIS & RS Based,

7. Honours/Award received: NIL

8. Fellowships/Scholarships: NIL

9. No. of Research Publications :

(a) In Journals (Indian & International with impact factor): Indian – 7, International - 6

(b) In conference Proceedings: 15

(c) Invited /Key-note Address :- 06

(d) Total Citation:

Citation indices	All	Since 2011
Citations	150	120
h-index	8	8
i10-index	8	6

(e) List of best Five publications:

S. N	Title of the Paper & Journal Details
1.	Kumar L , Souvik Bhattacharyya and Gautam Sanyal, A Novel approach of Data Hiding Using Pixel Mapping Method (PMM), Journal of Computer Science and Information Security Volume 8 , NO. 4, JULY' 2010, pp 207-214
2.	Kumar, L & Pal, P. C., GENERATION OF SH WAVES BY A MOVING STRESS DISCONTINUITY IN AN ANISOTROPIC SOIL LAYER OVER AN ELASTIC HALF SPACE. ACTA GEOPHYSICA POLONICA, Vol. XLVIII, No. 4, 2000.
3.	Kumar, L , & Pal, P. C., PROPAGATION OF RAYLEIGH WAVES OVER A THERMO-VISCOELASTIC HALF SPACE WITH A SLIGHTLY CURVED FREE SPACE. ACTA GEOPHYSICA POLONICA, Vol. XLVII, No. 4, 1999.
4.	Kumar, L & Pal, P.C., GENERATION AND PROPAGATION OF SH-TYPE WAVES DUE TO STRESS DISCONTINUITY IN A LINEAR VISCOELASTIC LAYERED MEDIUM. Proceedings of the Indian Academy of Science, Mathematical Sciences, Vol. 105, No. 2, May 1995, pp. 241-249, 1995
5.	Kumar, L & Pal, P.C., EFFECT OF BODY FORCES ON THE PROPAGATION OF SH-TYPE WAVES IN SEMI-INFINITE TRANSVERSELY ISOTROPIC ELASTIC MEDIUM, Proceedings of the Indian National Science Academy, Mathematical Sciences, Vol. 60 A, No. 5, 1994, pp. 695-706, 1994

10. Number of Books authored/edited: Two

11. Patents filed & granted (India & International): NIL

12. Foreign Visits:- Visited Singapore for presenting paper in MAPASIA 2010.

13. Details of Professional Membership:- Life Member of Computer Society of India,

14. Major Contribution and achievement in your field of Research (Max. 100 words):

- Given specific solution to the Govt. of Jharkhand for Drinking water feasibility for the villages of Govindpur Block of Dhanbad District under Rajiv Gandhi Drinking Water Mission Project.
- Reviewers of International Journal as well as Member of Advisory/Editorial Boards of Five International journals.
- Guided one Ph. D scholar Shri Rajeshwar Singh, Director of one of the Engg. College in Punjab and he has been awarded degree on the topic "SWARM INTELLIGENCE BASED ROUTING IN MOBILE AD HOC NETWORK: AN OVERVIEW" from Department of Electronics and Communication Engineering, BIT Sindri.

15. Technologies and Product / Services

- I. Developed
- II. Licensed
- III. Commercialized

16. Designs and prototype Developed:- NIL

17. Honours and Awards won for technological contributions or sociological impact of R & D.