

BIODATA

Name of Faculty (Full): Arvind Kumar Lal Srivastava
Present Designation Professor & Dean (Planning and Development)
N.I.T, Jamshedpur, Pin-831014
Teaching Experience: 33 Years
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Educational Qualification

Sl. No.	Degree	Passing Year	Subjects	University/Institute/Board
1.	B.Tech	1984	Civil Engineering	Gorakhpur University M.M.M. Engineering College Gorakhpur, U.P
2.	M.Tech	1986	Analysis and Design	Allahabad university M.N.N.I.T. Allahabad
3.	Ph. D	2003	Structure, Aerospace	I.I.T. Kharagpur (W.B)

Doctoral Programme

Ph.D.(Structure) Indian Institute of Technology
Kharagpur (W.B)

Topic: Dynamic Stability of Stiffened Plates
with/without Cutouts subjected to Non-Uniform
Harmonic Edge Loading

Research Interest:

Static, Vibration, Dynamic Stability of Composite
unstiffened / stiffened plates / shells, Sandwich
plates, Smart Structures, Non-linear Vibration,
Concrete and Steel Structures.

Employment

1. Lecturer, Applied Mechanics, R.I.T. Jamshedpur from 21 March 1986 to 9 June, 1996,
2. Assistant Professor and Associate Professor, Applied Mechanics Department, R.I.T & N.I.T. Jamshedpur, from 10 June 1996 to 9 June 2004.
3. Professor Department of Civil Engineering, N.I.T Jamshedpur from 10 June 2004.
4. Head of Applied Mechanics from July 2008 to October 2010
5. Head of Civil Engineering from March 2009 to November 2011.
6. Head of Department of Applied Mechanics and Civil Engineering both from March 2009 to October 2010.

List of Publications

1. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration and dynamic instability of stiffened plates subjected to in-plane harmonic edge loading", International Journal of Structural Stability and Dynamics, Vol. 2 (2), 185-206, 2002. ISSN No. 0219-4554.
2. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Transverse vibration of stiffened plates subjected to in-plane loads", Journal of Institution of Engineers, India, Part AS/1, 83, pp. 1-5, May, 2002. ISSN No. 0257-3423
3. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Parametric instability of stiffened plates subjected to uniform edge loading", Journal of Institution of Engineers, India, Part AS/2, pp. 45-48, November, 2002. ISSN No. 0257-3423
4. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Dynamic instability of stiffened plates subjected to non-uniform harmonic in-plane edge loading", International Journal of Sound and Vibration. Vol.262, No.5, pp.1171-1189, 2003.ISSN No. 002246X
5. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Buckling and vibration of stiffened plate subjected to in-plane concentrated load", International Journal of Structural Mechanics and Engineering. Vol.15, No. 6, pp 685-704, 2003.ISSN No. 1225-4568
6. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Buckling and vibration of stiffened plate subjected to partial edge loading", International Journal of Mechanical Science. Vol.45(1), pp.73-93, 2003.ISSN No. 00207403.
7. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Dynamic instability of stiffened plates with cutouts subjected to in-plane uniform edge loading", International Journal of Structural Stability and Dynamics, Vol 3, No 3, pp. 391-403, 2003.ISSN No. 0219-4554.
8. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Parametric instability of stiffened plates with cutouts subjected to in-plane uniform uniaxial forces", Journal of Aerospace Sciences and Technologies, Vol. 55, No.4, pp 65-73, 2003. ISSN No. 1270-9638.
9. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Parametric instability of stiffened plates", International Journal of Applied Mechanics and Engineering, Vol. 9, No.1, pp. 169-180, 2004. ISSN No. 1425-1655.
10. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Transverse vibration of stiffened plates with cutouts subjected to in-plane uniform edge loading at the plate boundary", International Journal of Shock and Vibration. Vol 11, No 1, pp 9-21, 2004.ISSN No. 1070-9622.
11. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Dynamic instability of stiffened plates with cutouts subjected to harmonic in-plane partial edge loading", International Journal of Crashworthiness, Vol. 10, No.4, pp. 403-417, 2005.ISSN No. 1358-8265.
12. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Elastic Stability of square stiffened plates with cutouts under biaxial loading", International Journal of Applied Mechanics and Engineering, Vol. 11, No.2, pp. 421-434, 2006. ISSN No. 1425-1655.
13. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Effects of configuration and stiffener length on Vibration and Dynamic stability" Journals of Advances in Vibration Engineering, Vol. 5 No. 3, pp. 207-220, 2006. ISSN No. 0972-5768.

- 14.. A. K. L. Srivastava, Pravin Kumar, "Buckling and Vibration of Stiffened plates with cutouts under concentrated load", International Journal of Crashworthiness Vol. 14, No.5, pp. 425-435, 2009.ISSN No. 1358-8265.
- 15.. Shailendra Kumar, S.R.Pandey, A.K.L.Srivastava, Determination of Double -K Fracture Parameters of Concrete using Split Tension Cube Test, Computer and Concrete, An International Journal Vol 9,(2), PP 81-97, 2012.
- 16.. A. K. L. Srivastava, "Vibration of Stiffened Plates with Cutout Subjected to Partial Edge Loading", Journal of the Institution of Engineers, Series A, Vol 93, Issue 2, pp. 129-135, 2012.
17. A. K. L. Srivastava, S.R.Pandey, "Effect of In-plane forces on frequency parameters", International Journal of Scientific and Research Publication, Vol 2 (6), pp 1-18, 2012.
18. A. K. L. Srivastava, Ashok Kumar, S.R.Pandey "Computer technique to solve structure problems", J of Environmental Science and Engineering and Technology, Vol 1(3), pp 280-285, 2012.
19. A. K. L. Srivastava, "Effect of loading on plate Analysis", International Journal of Science and Technology, Vol 1, No.1, pp 43-47, 2012.
20. A. K. L. Srivastava, "Effect of in-plane displacement on Excitation frequency by Finite Element Method", International Journal of Advanced and Innovative Research ,Vol 1, Issue 6, pp 5-9, Nov 2012.
21. A. K. L. Srivastava, "Parametric Simple resonance Analysis of moderately thick plates", International Journal of Science and Technology, Vol3 (3), pp 187-192, 2012.
22. A. K. L. Srivastava, "Shear Strength Criteria and Stability by Finite Element Method", International Journal of Innovative Research, Vol 1, Issue 6, pp 1-4, Nov 2012.
23. A. K. L. Srivastava, "Excitation Resonance study of Laminated Composite plates", International Journal of Advances in Engineering, Science and Technology". Vol 2, No 3, pp 267-271, 2012.
24. A. K. L. Srivastava, "Applications of Artificial Intelligence in Structural Engineering", International Journal of Science and Technology, Vol 3 (3), pp199-202, Oct 2012.
25. A. K. L. Srivastava, "Remedial measure in Overlays and Mass Concrete Cracking", Journal of Environmental Science and Engineering and Technology, Vol1, No 3, pp418-421, Nov 2012.
- 26.. A. K. L. Srivastava, S.R.Pandey, Ashok Kumar, "Dynamical Analysis of Stiffened Plates under patch loading", International Journal of Applied Mechanics and Engineering, Vol. 18, No.2, pp. 537-553, 2013. ISSN No. 1425-1655.
27. Shailendra Kumar, S.R.Pandey, A.K.L.Srivastava, Analytical method for determination of Double-K Fracture Parameters of Concrete, Advances in Concrete Construction, Vol 1, No.4, pp 319-340, 2013. ISSN No.319-340.
28. A. K. L. Srivastava, "Study on the use of Recycled aggregates in concrete", International Journal of Engineering Science and Research Technology, Vol 2, No.2, pp768-774, Feb 2013.
- 29.. A.K.L. Srivastava, "Vibration and Dynamic Stability of stiffened plates with cutouts" Advances in Structural Engineering , pp 95-102, 2014, ISSN No. 1369-4332.
30. Shailendra Kumar, S.R.Pandey, A.K. L. Srivastava, Determination of Double -K Fracture Parameters of Concrete using Peak Load Method", International Journal of Engineering Fracture Mechanics., 131, pp 471-484, 2014. ISSN No. 00137944.
31. Shailendra Kumar, S.R.Pandey, A.K. L. Srivastava, Determination of Double -K Fracture Parameters of Concrete using Split-Tension cube : A revised Procedure", International Journal of Concrete Structures and Materials. Vol No. 10, No.2, 2016, pp No. 163-175,

32. Vineet Kumar Bhagat, Anil Kumar Prasad, A.K.L.Srivastava, Physical and Mechanical performance of Lufa Coir fibre reinforced epoxy Resin Based hybrid composite. International journal of Civil Engineering and Technology, Vol. 8, issue 6, pp722-731, July 2017.
33. Vineet Kumar Bhagat, Anil Kumar Prasad, A.K.L.Srivastava, Influence of Moisture Absorption and their effect on the physic-mechanical properties of coir-Luffa Fibre reinforced polymer matrix composites, International Journal of Mechanical and Production Engineering Research and Development, Vol. 7, issue 6, pp 613-622, 2017.
34. Meenu Mohan, A.K.L.Srivastava, Arvind, S, Free Vibration Analysis of delaminated composite plates, International Journal of Innovative Research in Science Engineering and Technology Vol. 6, issue 6, pp 10612-10620, June 2017.

International / National Conferences/ National Seminar

1. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration and stability analysis of eccentrically stiffened plates", National Conference on Applicable Mathematics in wave mechanics and vibration (WMVC-2001), March 17-19, 2001 at A. C. College of Commerce, Jalpaiguri (W.B), India. pp 80-89.
2. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Stability analysis of stiffened plates by finite element method", International Conference on Industrial Mathematics, August 12-14, 2001 in Mathematics Department at Indian Institute of Technology Madras, Chennai, India. (CD ROM Proceeding).
3. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Parametric instability of stiffened plates subjected to uniform edge loading", Second International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2001), December, 27-30, 2001 in Aerospace Engineering Department at I.I.T. Kharagpur, (CD ROM Proceeding)
4. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Dynamic instability of stiffened plates subjected to uniform edge loading", International Conference on Advances in Civil Engineering (ACE 2002), January 3-5, 2002 in Civil Engineering Department, at I.I.T. Kharagpur.
5. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration and dynamic stability analysis of stiffened plates by finite element method", National Seminar on Aerospace Structures (XI NASAS), held during February 8-9, 2002 at National Aerospace Laboratories, Bangalore, India.
6. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration and dynamics instability of stiffened plates subjected to in-plane harmonic edge loading", 2nd International Conference on Advances in Structural Engineering and Mechanics (ASEM'02), August 21-23, 2002, Korea. Paper No. 421 (CD ROM Proceeding)
7. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration and dynamic instability of stiffened plates with cutout", International Conference on Ship and Ocean Technology (SHOT-2002), December 18-20, 2002 at Ocean Engineering and Naval Architecture, I.I.T. Kharagpur, India. (CD ROM Proceeding)
8. A.K.L. Srivastava, P.K. Datta and A.H. Sheikh, "Prediction of natural frequencies of stiffened plates with square cutouts subjected to in-plane forces", Second International Conference on Structural Stability and Dynamics (ICSSD'02), Singapore, December, 16-18, 2002 Proceeding page 278- 282.

9. A. K. L. Srivastava, "Vibration of eccentric stiffened plates with cut-outs subjected to partial edge load at both ends" Structural Engineering Convention (SEC-2003) An International Meet during December 12-14, 2003 at I.I.T. Kharagpur.Proceeding Page No 540-547.
10. A.K.L.Srivastava, P.K.Datta, " Dynamic instability Characteristic of Rectangular plates subjected to Intermediate partial follower edge load" Structural Engineering Convention (SEC-2003) An International Meet during December 12-14, 2003 at I.I.T. Kharagpur.Proceeding Page No 422-437.
11. A. K. L. Srivastava, "Vibration and dynamic instability of partial stiffened plates" 48th Congress of the Indian Society of Theoretical Applied Mechanics (ISTAM 2003) An International Meet, 2003. Proceeding page 121- 126.
12. A. K. L. Srivastava, Shailendra Kumar, P. K. Datta. "Vibration and Dynamic stability of rectangular plates with varying stiffener length" All India Seminar on Emerging Trends in Structural Mechanics and Composite (ETSMC-2003) during 1-2 November 2003 at N.I.T. Rourkela. Proceeding pp 84-88.Member of the National Advisory Committee.
13. A.K.L.Srivastava, P.K. Datta, "Vibration and buckling of composite curved panels using a degenerated shell element", National Conference on Emerging Trends in Structural Mechanics and Composites -2003, Nov 1-2, Dept of Civil Engineering, NIT Rourkela
14. A. K. L. Srivastava, "Study of excitation behaviour on stiffened plates with cut outs subjected to bi-axial edge loading at the plate boundary", First National Conference on Non-linear Systems and Dynamics (NCNSD-2003) Organized by Centre for Theoretical Studies, I.I.T.Kharagpur-721302 during 28-30 December 2003.
16. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Vibration of stiffened plates with cutouts subjected to partial edge loading", Third International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2004), December, 28-30, 2004 in Aerospace Engineering Department at I.I.T. Kharagpur. Proceeding pp.123-125
17. A.K.L.Srivastava, P.K. Datta and A.H. Sheikh, "Dynamic stability of composite stiffened plates", Third International Conference on Theoretical, Applied, Computational and Experimental Mechanics (ICTACEM-2004), Dec 28-30, Dept. of Aerospace Engineering, IIT Kharagpur
18. A. K. L. Srivastava, Shailendra Kumar, "Dynamic stability of laminated composite plates under uniform edge loading" International Conference on Recent Advances in Composite Materials (ICRACM-2004), during December 17-19, 2004, Institute of Technology, B.H.U, Varanasi-221005, India. (CD ROM Proceeding)
19. A. K. L. Srivastava, Vibration of Stiffened Plates with shear edge loading, 49th Congress of the Indian Society of Theoretical Applied Mechanics (ISTAM 2004), An International Meet during December 27-30, 2004. (CD ROM Proceeding)
20. Pravin Kumar, A. K. L. Srivastava,. "Vibration and Parametric stability of stiffened plates with cutouts" National Conference on Recent Advances in Structural Engineering (RASE 2004) on 9th September 2004 at JNTU College of Engineering, Anantpuram (A.P), India. Paper accepted
21. A. K. L. Srivastava, A.K.Prasad and B.Pradhan, "Parametric Instability of Composite plates" 50th Congress of the Indian Society of Theoretical Applied Mechanics (ISTAM 2005), An International Meet at I. I. T, Kharagpur, during December 14-17, 2005 Proceeding Page No.28-36.

22. A.K.L.Srivastava, P.K. Datta., "Dynamic stability analysis of angle-ply composite stiffened plate", 50th Congress of the Indian Society of Theoretical and Applied Mechanics (ISTAM-2005), an International Meet, Dec 14-17, Dept. of Mechanical Engineering, IIT Kharagpur.
23. A.K.L.Srivastava, "Dynamic instability analysis of laminated composite stiffened cylindrical shell panels", National Conference on Composite Component Construction (CCC-2005), Sept 12-13, Department of Mechanical Engineering, JNTU College of Engineering, Kakinada, A.P.
24. A. K. L. Srivastava, A.K.Prasad, "Dynamic Instability study of Stiffened Plates with cutouts" National Conference on Advances in Mechanical Engineering (AMIE 2006) during January 20-21, 2006, at Jamia Millia Islamia, New Delhi.(ID M D-47).
25. Pravin Kumar, A. K. L. Srivastava,. "Effects of cutouts on Dynamic instability" Third National Conference of Wind Engineering-2006 under the auspices of Indian Society for Wind Engineering during 5-7, 2006 to be held at Jadavpur University (Paper No 040).
26. A.K.Prasad, A. K. L. Srivastava, R.K.Prasad, "Dct Carrying Waste Gas: Design and Development" National Conference on Advances in Mechanical Engineering during January 20-21, 2006, at Jamia Millia Islamia, New Delhi. Proceeding Page No.112-116.
27. A. K. L. Srivastava, "Dynamic Stability of Composite Plates subjected to Uniform Load" 4th Indian National Conference on Harbour and Ocean Engineering (INCHOE-2007) Jointly Organized by National Institute of Technology Karnataka, Suratkal, during December 12- 14, 2007. Proceeding page No.791-794.
28. A. K. L. Srivastava, P. K. Datta and A. H. Sheikh, "Dynamic stability of stiffened plates subjected to partial", Fourth International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2007), December, 27-29, 2007 at I.I.T. Kharagpur, (CD ROM)
29. A.K.L.Srivastava, Pravin Kumar, "Vibration of Stiffened Plates", IMAC XXVI Conference & Exposition on Structural Dynamics, Feb 4-7, 2008, Paper No.329.
30. A.K.L. Srivastava, "Vibration and dynamic instability of plates with cutout with varying stiffener length" 3rd International congress on Computational Mechanics and Simulation and Indian Association for Computational Mechanics and Simulation (ICCMS09) at I.I.T. Bombay, during Dec 1-5, 2009.
31. A.K.L. Srivastava, "Parametric instability of Composite stiffened plates with cutout" 54th Congress of the Indian Society of Theoretical Applied Mechanics (ISTAM 2009), An International Meet at Neta Jee Subhash Technical Institute (NSTI) New Delhi during December 18-21, 2009.
32. A. K. L. Srivastava, "Vibration of partial stiffened plates subjected to partial edge loading", Fifth International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2010), December, 27-29, 2010 in Aerospace Engg Department at I.I.T. Kharagpur.Proceedingpp 402-405.
33. A. K. L. Srivastava, Pravin Kumar. "Study of Frequency Parameter of Stiffened plates" SEM 2011 Annual Conference & exposition on experimental and Applied Mechanics, at Connecticut during June 13-16, 2011 (Accepted Paper No 19 Session No. & titles: 085
34. A. K. L. Srivastava, Pravin Kumar. "Vibration of partial Stiffened Plates with cutouts" International Conference on Mathematical Modelling and Applications to Industrial Problems (MMIP 2011) organized by Department of Mathematics, N.I.T. Calicut-673601, Kerela, India during March 28-31, 2011 (Accepted Paper).

35. A. K. L. Srivastava, P. K. Datta, "Dynamic stability of stiffened plates with cutouts", XVII National Seminar on Aerospace Structures (NASAS) in Aerospace Engineering Department at I.I.T. Kanpur (Acceptor for presentation) during, 22-24 sep, 2011.
36. A.K.L. Srivastava "Buckling behavior of curved shell" National Seminar on " Academic Institutes-Industries Interaction" Jointly organized by Cambridge Institute of Technology, Tatisilwai, Ranchi, during 24-25th Sep 2011.
37. A.K.L.Srivastava, "Excitation frequency parameter of partial stiffened plates subjected to in-plane harmonic edge loading" International conference on Mathematics in Engineering & Buisness Management organized by Department of Mathematics, Jeppiaar Engineering College, Chennai and Stella Maris College, Chennai India, during March 9-12, 2012.
38. A.K.L.Srivastava, "Effect of boundary conditions on varying numbers of stiffeners" National conference in January 2012- Department of Mathematics: Global Academy of Technology organized by Department of Mathematics, Global Academy of Technology Bangalore-560098, India, during January 20 and 21, 2012.
39. A. K. L. Srivastava, "Vibration and Dynamic Stability of stiffened plates with cutout" Structural Engineering Convention (SEC-2012) Golden Jubilee Celebration, 8th Biennial Conference) during December 19-21, 2012 at S.V. National Institute of Technology Surat-395007, Gujrat, (Paper ID:SEC-2012/II-01/84.)
40. A. K. L. Srivastava, "Parametric excitation frequency study of stiffened plates" Fourth International congress on Computational Mechanics and simulation (ICCMS 2012) during December 9-12,2012 at Indian Institute of Technology Hyderabad, (ID No 21).
41. Prasad Prahlad, Ashok Kumar, A. K. L. Srivastava "India needs to adopt Performance Based Seismic Design" "Skopje Earthquake -50 Years of European Earthquake Engineering" in Skopje, Macedonia.
42. Prasad Prahlad, Ashok Kumar, A. K. L. Srivastava"Strength and weakness of Steel Frame Buildings required for Performance Based Seismic design" "Skopje Earthquake- 50 Years of European Earthquake Engineering" in Skopje, Macedonia.
43. A.K.L. Srivastava, "Parametric excitation of plates with cutout", 4th International Conference on Integrity, Reliability and Failure , at Funchal/Madeira during 23-27 June 2013.(paperReference No. 3895.)
44. A.K.L. Srivastava, "Parametric excitation of plates with cutout", Indian Conference on Applied Mechanics organized by Department of Applied Mechanics System Laboratory DRDO, (INCAM 2013), at I.I.T. Madras, during 4-6 July 2013, pp. No.52 and C.D.Rom.
45. A.K.L. Srivastava, "Combination Resonance study of plates with cutouts", Three Day National Conference on Recent Advances in Structural Engineering, at Department of Civil Engineering University college of Engineering Osmania University Hyderabad 500007, A.P., India during 12-14 September, 2013.
46. A.K.L. Srivastava, "Effect of Rectangular cutout on vibration and stability", Eighth International Conference and Instructional Workshop on Matrix Analytic Methods in Stochastic models (MAM8 2014), at Department of Mathematics, N.I.T. Calicut Kerela 673601 during 6-10 January 2014.
47. A.K.L. Srivastava, "Vibration and Dynamic Stability of stiffened plates with cutouts" International Conference (Structural Engineering Convention 2014), at Department of Civil Engineering I.I.T. Delhi, India during 22-24 Dec, 2014.Proceeding pp. 95-103.

48. Ashutosh Mohod, A.K.L. Srivastava, "Vibration and Dynamic Stability of stiffened plates with cutouts" International Conference (Structural Engineering Convention 2014), at Department of Civil Engineering I.I.T. Delhi, India during 22-24 Dec, 2014.
49. A. K. L. Srivastava, "Stability analysis of rectangular plates with partial stiffeners under uniform edge loading", 6th International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2014), December, 28-30, 2014 in Aerospace Engg Department at I.I.T. Kharagpur. Proceeding, pp.221-223.
50. Vineet Bhagat, A.K.Prasad, A.K.L.Srivastava, Sustainable Development of Natural fibre based composite materials. All India Seminar on Sustainable materials and Technology for better Future (SMTBF) 2017, at N.I.T. Rourkela during Nov 11-12, 2017.Proceeding PP No.26 and CD Rom
51. Prahlad Prasad, AKL. Srivastava, Gopi Nath C, Energy Criterion for Seismic Design under Earthquake Ground Motions.5th Annual International Conference on architecture and Civil Engineering (ACE 2017).Pp 140-144.

Short Term Course Organized/Coordinator

1. Finite Element Method and its Application, under TEQIP scheme at N.I.T. Jamshedpur, during 27-06-2005 to 08-07-2005.
2. National workshop Organized as Convener on REIST during June 24-29, 2019

Short Term Course/ Workshop Course Attended

1. Selected Experiments in Fibre Optics, Optical Communication and Laser Technology (FOCOLT), sponsored by QIP during Feb 18-23, 1991 in Department of Physics, Regional Institute of Technology Jamshedpur.
2. Computational Fluid Flow and Heat Transfer, Sponsored by ISTE, New Delhi, during 11-23 May, 1992, at Indian Institute of Technology Kanpur.
3. Recent Advances in Power generation from Non-conventional energy sources, Sponsored by ISTE, during May 25 to June 6, 1992 at Regional Institute of Technology Sponsored by ISTE, New Delhi.
4. Industrial Tribology and its Applications, Sponsored by ISTE, during June 8-20, 1992 at Regional Institute of Technology Jamshedpur.
5. Advances in Agricultural Implements and Machinery, Sponsored by ISTE, during May 17-29, 1993, at Indian Institute of Technology Kharagpur.
6. Science and Technology of Advanced Materials Sponsored by ISTE, during May 12-26, 1994, at B.H.U Varanasi, in Department of Metallurgical Engineering, School of Material Science and Technology
7. Non-conventional energy sources and application.Sponsored by Indian Society of Technical Education during May 12-24, 1997 at Regional Institute of Technology Jamshedpur.
8. Finite element method and its application to engineering practices, sponsored by Quality Improvement Programme, during Dec 1-5, 1997, at Indian Institute of Technology Bombay.

9. Modeling and Simulation of Rotar Bearing System, sponsored by Quality Improvement Programme, during Dec 21 1998 to Jan 2, 1999 at I. I. T. Kharagpur.
10. Finite element analysis of stiffened structures, sponsored by QIP, during Dec 20-26 December 1999, in the Department of Ocean Engineering and Naval Architecture at Indian Institute of Technology Kharagpur.
11. Random vibration and application to earth quack engineering, sponsored by ISTE, short-term course during December 1999 (2 weeks), in Civil Engineering at Indian Institute of Technology Kharagpur.
12. Advanced Information technology application to Civil Engineering, sponsored by ISTE, short-term course during December 4-15, 2000, in Department of Civil Engineering at I. I. T. Kharagpur.
13. International Workshop on Computational Mechanics and optimization (IWCMO) during October 4-10, 2002 in Aerospace Engineering Department at Indian Institute of Technology Kharagpur.
14. Finite Element Method and its Application, Sponsored by TEQIP at N.I.T. Jamshedpur, during 27-06-2005 to 08-07-2005.
15. Interpersonal Effectiveness offered by I.I.T. Kharagpur at N.I.T. Jamshedpur by Department of Humanities during 10th July to 14th July, 2006 under TEQIP.
16. Short Term Training Program on Numerical Methods organized under TEQIP by Department of Mathematics, N.I.T. Jamshedpur during 26-12-2006 to 31-12-2006.
17. National Workshop on Industry Institute Interaction (NWIII-2007) organized by Civil Engineering, N. I. T. Kurukshetra under TEQIP of Government of India at Chandigarh during February 19-20, 2007.
18. 23rd Indian Engineering Congress organized by N.I.T. Warangal during 12-14 Dec, 2008.
19. Short Term Training Program on Testing of Concrete Structures organized under Continuing Education Programme (CEP) by Department of Civil Engineering, I.I.T. Roorkee during 19-12-2011 to 23-12-2011 conducted at I.I.T. Roorkee.
20. Workshop on “Indian Water Management in 21st Century (IWM-2011)” organized by School of Infrastructure and School of Earth ocean & Climate science at Indian Institute of Technology Bhubaneswar during 27-29th Dec, 2011.
21. National Workshop on Modelling and Analysis of Dynamic System at N.I.T. Rourkela during Dec, 05-07, 2012 under the Continuing education Programme of N.I.T. Rourkela organized jointly by Department of Applied Mathematics.& Department of Mechanical Engineering.
22. TEQIP-II sponsored International workshop on Emerging Trends in Earthquake Engineering and Structural Dynamics at Indian Institute of Technology Delhi in Civil Engineering Department during 20-22nd Dec, 2014.
23. Short Term Training Program on Offshore Engineering and Foundation under GIAN by Department of Infrastructures/Civil Engineering, I.I.T. Bhubaneshwar during 18-7-2016 to 22-7-2016.
24. TEQIP-II sponsored National workshop on Recent Advances in Civil Engineering at N.I.T. Jamshedpur Civil Engineering Department during 2nd-4th March, 2017.

Ph.D Thesis Guided

1. Buckling, Vibration and Dynamic Stability of Concentric and Eccentric Stiffened Plates by Finite Element method by Mr Pravin Kumar. (Completed in 2010).
2. Fracture Parameters of Concrete using split tension test and Peak Load method by Mr S.R.Pandey. (Completed in 2017).
3. Investigation and Characterization of Thermo Set Resin based Hybrid Composites by Mr Vineet Bhagat, Research Scholar in the Department of Mechanical Engineering, N.I.T. Jamshedpur under Dr A.K.Prasad and Dr A.K.L.Srivastava. (Thesis submitted)
4. Performance Based Seismic Design using Energy method and Fragility curve for generation by Mr Gopi Nath, Research Scholar in the Department of Civil Engineering, N.I.T. Jamshedpur under Dr P.Prasad and Prof A.K.L.Srivastava (Under Progress)

M.Tech Thesis Guided

Sl No.	Title of Dissertation/Project	Deptt Stream	Name of student]	Year
1.	How to control cracks in concrete structures in construction	Structures	Santosh Kumar	2010
2.	Investigation on Utilisation of waste material in low cast building bricks	Structures	Jagdish Yadav	2011
3.	Static and Dynamic Analysis of Plate Structure	Structures	Ashutosh Mohod	2014
4.	Buckling Analysis of functionally graded plates	Structures	Irfan Ansari	2015
5.	Buckling analysis of cross ply laminated composite plates with elliptical/circular cutouts under various inplane loads	Structures	Pravin Jayanti	2015
6.	Stability Analysis of Laminated Composite Plates and Cylindrical Shells	Structures	Rodney Thompson	2015
7.	Free Vibration analysis of functionally graded material plates	Structures	Puja Singh	2016
8.	Vibration analysis of symmetric ply composite plates under thermal loading	Structures	Bhanu Venktesh	2016
9.	Free Vibration analysis of delaminated composite plates	Structures	Minu Mohan	2017
10.	Parametric instability of Laminated composite plates	Structures	Arvind S	2017
11.	Free Vibration Analysis of	Structures	Chetak Nayak.	2018

	Rectangular plate with partial stiffener subjected to static uniform loading			
12.	Analysis of Progressive collapse of RC structure Building	Structure	Piyush Sonu	2018

B.Tech Project Guided

Sl No.	Title of Dissertation/Project	Department	Name of students[s]	Year
1	To study about water supply and its distribution in Chakradharpur and thereby Design of Water treatment plan	Civil Engg.	Abhijit Kumar Purty	2017
2.	Analysis of Barrage and Hydraulic Structures	Civil Engg.	Abhinay Kumar	2017
3.	Simple Iterative models on Air quality Improvement in Patna	Civil Engg.	Gyanesh Kumar	2017
4.	Design and Analysis of Flat slab and T Beam Bridges and Civil engineering overview of Munger City	Civil Engg.	Kumar Ankur	2017
5.	Irrigation in Aurangabad and Civil Engineering overview	Civil Engg.	Ravi Ranjan Kumar	2017
6.	Design of Circular water tank	Civil Engg.	Sunil Kumar	2017
7	PERT Evaluation and Design of Foundation & Column of a Hostel building And seprate equivalent topics	Civil Engg.	Djiraj Kumar	2014
8.	Design of Water treatment plan	Civil Engg.	Tejas Gupta	2014
9.	Analysis and Design of Hydraulic Structures	Civil Engg.	Rohit Kumar	2014
10.	Design of Slab Circular water tank for Ranchi Municipal Colony	Civil Engg.	Shashank Jain	2014
11.	Optimization and Evaluation and Design of Foundation & Column of a Hostel building	Civil Engg.	Rohit Kumar Roy	2014
12	Water Management Issues of Hamirpur U.P		Prakash Singh	2015
13	WATER MANAGEMENT ISSUES IN LAKHISARAI DISTRICT		Chandradeep Kumar	2015
14	FEM Evaluation of Beams and Frame structures		Tushar Kant	2015

15	Optimization Technique for Slab and Foundation Design		Subham Saurabh	2015
16	Design of Circular water tank for Colony		Vivek Kumar	2015
17	Strength of Fly Ash Concrete Admixture Proportion		Niranjan Kumar	2015
18.	PERT Evaluation and Design of Foundation & Water Tank Design		Krishan Mohan	2015
19.	Study of Road and Railway of Dehradun	Civil Engg of WIT Dehradun	Smriti Rawat Roll No. 161230107020	2019

Journal Reviewed:

1. Paper entitled “Bending of Arbitrary Plates with Arbitrary stiffeners” for International Journal of Computational Mechanics.
2. Paper entitled “Vibration Studies of Stiffened plates” for International Journal of Crashworthiness.
3. Paper entitled “Development and Evaluation of a Finite Element Thick Chesis Crash model” for International Journal of Crashworthiness.
4. Paper entitled “Sound Absorption Principle of Fibrous Materials and Quantum Characteristic of Sound Wave” for International Journal of Physical science.
5. Paper entitled “Effect of Silica Fume on Workability and Compressive Strength of Concrete” for Indian Journal of Engineering & Materials Sciences.
6. Paper entitled “Natural Frequency and mode shapes of stiffened composite cylindrical shell panel” Journal of Structures.
7. Paper entitled “Sound Absorption Principle of Fibrous Materials and Quantum Characteristic of Sound Wave” for International Journal of Physical science.
8. Paper entitled “Free Vibration characteristic of stiffened plates”. For International Journal of Advance Structural engineering
9. Paper entitled “Free Vibration and Bucklinganalysis of Functionally Graded Plates using Finite Strip Method”. For Journal of Institution of Engineers. Series A.
10. Paper entitled “Experimental Evaluation of Dent Performance of Low Cost Sandwich Doors” for Journal of The Institution of Engineers (India) in 2019.
11. Paper entitled “Buckling Behaviour of Schifflerized Angle Sections” for Journal of The Institution of Engineers (India): Series A (IEIA), Title: in 2019.
12. Paper entitled “Comparative Study of Strengthening of Circular Concrete Column using Soft FRP” for Journal of The Institution of Engineers (India): Series A, in 2019.

Book Reviewed. Strength of Material Book and Engineering Mechanics Book from Oxford University Press.

Reviewer and Consideration for Reviewer

1. Review Board Member of IJERT International Journal of Research in Engineering and Technology.
2. Reviewer of International Journal of Computational Mechanics.
3. Reviewer of International Journal of Crashworthiness.
3. Member International Editorial Board of International journal" The Open Aerospace Engineering Journal" published by Bentham Science 7 Engineering Publication U.S.A.
4. Considered for Board membership and reviewer of "The Open Industrial and Manufacturing Engineering Journals" for Bentham International Science Publishers.
5. Reviewer of International Journal of Advance Structural engineering.
6. Reviewers Journal of The Institution of Engineers (India): Series A (IEIA)

Ph.D Thesis Examined

1. Some studies on linear and non-linear rectangular plates using RBF based mesh free method" by Mr Jeeoot Singh under the supervision of Prof K.K.Shukla and Prof Triloki Nath, M.N.N I.T. Allahabad in June 2015.
2. Concrete Structures" by Vikash Srivastava under the supervision of Prof V.C. Agrawal and Dr Rakesh Kumar, Department of Civil Engineering, Allahabad in 2016.
3. Structural Health Monitoring of Ferro Cement Web sandwich pannels submitted by Mr Anupam Rawat under the supervision of Prof Anil Kumar Sachan and Dr Rama Shanker, Department of Civil Engineering, M.N.N I.T. Allahabad in 2017.
4. Condition Assessment and Management System of Bridges submitted by Mr Thakur Prasad Singh under the supervision of Prof A.K.Singh and Dr Rama Shanker, Department of Civil Engineering, M.N.N I.T. Allahabad in 2017.
5. Retrofitting of Concrete Structures using Fibre Reinforced Polymer Composites submitted by Sri Rama Ballav Swain under Supervision of Dr Amar Nayak, Sambalpur University, Jyoti vihar, Burla.
6. Study of Inverse System Identification using distributed computing technique submitted by Mr Salem Ernest under supervision of Prof Umesh Kumar Dewangan, Civil Engineering, N.I.T. Raipur.
7. Study of Fire Effects on Hospital Building's in Northern Region of India by Mr Manish Nigam under the Guidance of Dr Rajendra Kumar Srivastava, Shri Ram Swaroop Memorial University Lucknow, India

M.Tech Thesis Examined

1. "Torsional buckling of plates" in Structural Engineering by M.M. Shirodkar from B.M.S College Bangalore under the Supervision of Dr L.Ravi Kumar in 2006.
2. Vibration and Buckling of cracked composite beam" in Structural Engineering by Pragyan Sarwasti Bisi under Prof U.K.Mishra and Prof S.K.Sahu, Deptt of Civil Engineering, N.I.T. Rourkela-769008 in May 2008.

3. "Static and Dynamic analysis of Plate Structures", in Structural Engineering in Aerospace Engineering Department, I.I.T. Kharagpur by Harsh Vardhan under the supervision of Dr D.Maiti in 2013.
4. "Buckling Analysis of Laminated Composite plates" in Structural Engineering in Aerospace Engg department, I.I.T. Kharagpur by Sreehari V.M under the supervision of Dr D. Maiti in 2013.
5. "Dynamic Instability Characterstics of Tapered beam supported on An Elastic Foundation", in Structural Engineering in Aerospace Engg department, I.I.T. Kharagpur by Aher Jyotsna Balraj under the supervision of Prof P.K.Datta in 2013.
6. "Experimental and Finite element analysis of Sandwich composite Delamination Behaviour" in Structural Engineering in Aerospace Engineering department, I.I.T. Kharagpur by Adikeshavan P. under the supervision of Dr Anup Ghosh in 2013.
7. "Thermal Buckling of Functionally Graded Materials using Higher Order Shear Deformation Theory", in Structural Engineering in Aerospace Engineering department, I.I.T. Kharagpur by Sarwan Kumar Pal. under the supervision of Prof B.N.Singh in 2013.
8. "Analysis of Thermal Post Buckling of laminated Composite Plate", in Structural Engineering in Aerospace Engineering department, I.I.T. Kharagpur by Reven Pradip Sali under the supervision of Prof B.N. Singh in 2013.
9. Blast and its effect on structures by Col Gyan Veer under Dr Tej Bahadur from JECRC University, Jaipur in 2015.
10. Geotechnical risks in infrastructure projects and their management by Col Rajeev Sood under Dr Tej Bahadur from JECRC University, Jaipur in 2015.

Invited Talks:

1. Basics of Finite Element Method "Short term course at NIT Patna in 2003.
2. Basics of Elasticity, Shortterm course at NIT Patna in 2004.
3. Computational Mechanics "TEQIP Short term course at N.I.T. Jamshedpur 2005.
4. Basics of Finite Element Analysis & its Application, "Short term course at N.I.T.Jamshedpur in 2005.
5. Dynamic Stability of Stiffened plates, Short term course at N.I.T. Surathkal in 2006.
6. Basics of Finite Element Analysis & its Application, Short term course at N.I.T. Surathkal in 2006.
7. Basics of Elasticity and Structural dynamics, Short term course at N.I.T. Warangal in 2009.
8. Invited Talk on 'Design & Construction of Reinforced wall for stability of slopes to be organized on 24th August 2013 at CIT (Cambridge Institute of Technology) by Dr C.K. Singh.
9. Keynote Speaker in the International Conference Structural engineering Convention (SEC 2014 during 22-24 Dec 2014) at I.I.T. Delhi
10. on the topic "Vibration, Static and Dynamic stability" in National workshop REIST during June 24-29, 2019 by Civil Engineering Department, NIT Jamshedpur on 27/06/2019.

11. National workshop REIST during June 24-29, 2019 by Civil Engineering Department, NIT Jamshedpur on 29/06/2019 on the topic: Failure and Fracture analysis on Concrete Beams.
12. Short Term Course during May 2019 by Mechanical Engineering Department, NIT Jamshedpur on the topic: Fracture analysis of Concrete structures.

Selected Honours/Awards/ Recognitions/Societies

GATE Fellowship from 1984-1986.
QIP Fellowship from 1999-2002.

Cited in Marcus World's Who's and Who /International Biographical Centre, England / American Biographical Institute (ABI) of International Research as:

1. Who's Who in the World, 2006, 23th Edition. America
2. Who's Who in Asia, 2006, First Edition, 2006.
3. Who's Who in Science and Engineering, 2007, 10th Anniversary Edition America
4. Leading Engineers of the World 2006.
5. 2000 Outstanding Intellectuals of the 21st Century 2007, 33rd Edition
6. Degree of Excellence 2006.
7. Plato Award, the Global Year of Learning-2007.
8. Foremost Educator of the World-2008.
9. Top 100 Engineers 2012
10. Bharat Jyoti Award 2007 by India International Friendship Society.
11. Bharat Gaurav Award 2009 by India International Friendship Society.
12. Bharat Vikash Award, in November 2017 on the occasion of "CITIZEN's Day.

Institute Administrative Responsibilities /Institute works till the date:

1. Dean (Planning and Development) from 15 May 2018 till continue.
2. Dean (Faculty & Welfare) from 16 April 2019 to 2 July 2019.
3. Head of Applied Mechanics from July 2008 to October 2010
4. Head of Civil Engineering from March 2009 to November 2011.
5. Head of Department of Applied Mechanics and Civil Engineering both from March 2009 to October 2010.
6. Prof-in-charge Testing & Consultancy from 18-10-2011 till continue.
7. Chairman T.S.G/Coordinator Students' Activity from 22-08-2003 to 18-10-2011
8. Associate Dean (Planning & Development) from 12-05-2011 to 21-05-2015
9. Co-Coordinator, Project Management Cell (Institute).
10. TEQIP Departmental Representative
11. Chairman Institute Cultural Program UTKARSH
12. Hostel Works as Assistant Warden
13. Member, Pay Anomaly Removal Committee
14. Chairman Departmental Academic Committee (Civil Engineering)
15. Doctoral Scrutiny Committee (Ph.D Committee)
16. AIEEE Counseling Committee Member (2004 & 2005)
17. Computer and Accessories purchase committee Member (2003-2006)
18. Selection Committee members for Ph.D in various Departments

19. Professor in charge of INSTRON lab.
20. Review Committee for Ph.D work.
21. Institute Discipline Committee.
22. Departmental Purchase Committee of Civil Engineering.
23. Chairman Accreditation Committee of Civil Engineering Department N.I.T. Jamshedpur in year 2014-2015.
24. Chairman Accreditation Committee of NIT Jamshedpur for Maintenance works during Aug, 2-4, 2019.
25. Member ACOFOR in NIT Jamshedpur for faculty appointment
26. Board of Governor BOG member of N.I.T. Jamshedpur from May 2019.
27. Building Works Committee members of NIT Jamshedpur from May 2018.
28. Building Works Committee members of I.I.I.T. Ranchi. (Govt of India Nominee)
29. Chairman/Professor in Charge Josaa/CSAB Admission 2018 and 2019.
30. Co-coordinator (Administration) Civil Engineering, N.I.T. Jamshedpur
31. Chairman Printing Committee

Membership

1. ASAM /INCAM, Membership Number: LM00076
2. Fellow of The Institution of Engineers No. F-119744-D
3. The Indian Society for Technical Education (ISTE No. M31854)

Significant Contributions/Innovations through Teaching, Research and Design.

(a) Contribution through Research

- I authored/co-authored various research papers in International/National Journals and conferences.
- I developed Finite Element Model for Composite and bare Stiffened plates and semi empirical formulas/equations for the sake of uniform and partial edge loading for stiffened plates with/without cutouts where stiffeners can be placed anywhere within the plate element regardless of the mess size and position of loads and stiffeners positions.
- I also developed Finite Element Model for Composite Stiffened plates/shells and Sandwich composite plates/shells and Finite Element Program for functionally Graded plates/shells for uniform and non-uniform loading for buckling, vibration and dynamic analysis.
- I also developed all the computer codes during my Ph.D programme for FEM and BEM.
- I also made models for Cohesive Crack Model (CCM), Crack Band Model, Double K Fracture Model (DKFM) with weight function to carry out Fracture Mechanics related problem.
- I have carried extensive study on the behavior of stiffened plates with/without cutouts.

(b) Contribution through Design Consultancy

- I have been associated in solving some special and unique problems of nearby industries by way of consultancy design of remedial measures and taking up case studies.
- Many other works of design and consultancy of challenging nature were undertaken and contributed by me along with our senior colleagues.

• Details of Some Consultancy Projects Handled

Sl. No.	Organization	Title of Project	Period	Investigator/ Co-investigator
1.	M/s National Building Construction Corporation Limited, Ranchi, Jharkhand.	Design checking of overhead water tank of capacity 155,000 litres and its supporting structures installed at ESIC Adityapur, Jamshedpur.	Nov. 2009	Dr A.K.L.Srivastava Dr. A. K.Khan Dr Shailendra Kumar
2.	M/s The Chief Engineer, Rural Development Special Division, FFP Bhavan, Durba, Ranchi.	Vetting (cross-checking) of the design calculations and the working drawing of the superstructures of high level bridge to be constructed across Swarnrekha River at Brindaghat, East Singhbhum, Jharkhand.	Nov. 2009	Dr A.K.L.Srivastava Dr. Shailendra
3.	M/s A.K. Dutta& Co. Pvt. Ltd., Sonary West Layout, Jamshedpur-831011.	Concrete Mix Design of Grade M25 of M/s A.K. Dutta& Co. Pvt. Ltd., Sonary West Layout, Jamshedpur-831011.	/- Dec. 2009	Dr A.K.L.Srivastava Dr. Shailendra
4.	M/s AviskarShatabdi Tower 1 S.N.P. Area 3 rd floor Sakchi 0657 6523856 Kumar Manish Project Manager	Testing Concrete cube of M-30 Grade for making Mall	June 2009	Dr A.K.L.Srivastava Prof Virendra Kumar
5.	M/s AviskarShatabdi Tower 1 S.N.P. Area 3 rd floor Sakchi 0657	Testing Concrete cube of M-30 Grade for making Mall	June 2009	Dr A.K.L.Srivastava Dr B.K.Prasad

	6523856 Kumar Manish Project Manager			
6.	M/S Ashiana Housing Ltd Ashiana Trade Centre Adityapur	Testing of materials for Coarse and Fine Aggregate	June 2009	Dr A.K.L.Srivastava Prof Virendra Kumar
7.	M/S Bihar Rajya Bridge Nirman Nigam Ltd Sardar Patel Margpatana	Proof Checking of HL rCC Bridge across river Shasi in NoorsaraiBarkhurd Road (Complain) by A.K.jha Managing Director	May 2009	Dr MM Prasad DrA.K.L.Srivastava
8.	M/S Emco Ltd N-104 MIDC Area Jalgaon- 425003, Maharastra	Testing of Foundation Material of Construction of 765 kV S/C ranchiWr pooling station Transmission Line CKT-1	June 2009	Dr A.K.L.Srivastava Prof Virendra Kumar
9.	M/S Ashiana Housing Ltd Ashiana Trade Centre Adityapur	Testing of materials for Mix Design	June 2009	Dr A.K.L.Srivastava Prof Virendra Kumar
10.	M/S Executive Engineer Subernekh Canal division Gangudih	Testing Test on 10 mm, 12 mm, 16 mm, 20 mm, 25 mm SRI BIR TMT Bars	Oct 2009	Dr A.K.L.Srivastava Prof Ashok Kumar
11.	M/S The assistant Divisional Engineer South Eastern Railway Tatanagar	Testing Test on 25 mm dia TMT Rod Specimen	Dec 2009	Dr A.K.L.Srivastava Prof Ashok Kumar
12.	M/s S.P.A Consultant 53 Justice Chandra Madhav Road Kolkata 700029	Proof Checking of Housing Project at Bhuwaneshwar of Built up area eight lakh square feet for four ten storied tower with basement.	June 2009	Dr A.K.L.Srivastava Prof Virendra
13.	M/s F.C. Goswami C/O M/S Sathiapal Engineers (India) Ltd Corp office F-3 B wing Paradise No 49	Design Mix for M-30 grade of Concrete for R.C.C Chimny at Usha Martin Ltd	Oct 2009	Dr A.K.L.Srivastava Dr Shailendra Kumar

	New Avadi Road Kilpauk Chennai			
14.	M/s Siote Engineer C/O Paharpur Cooling Tower Ltd Paharpur House Diamond Harbour Road Kolkata 700027	Design Mix for M-30 grade for B.O.C India Ltd Burmamines Jamshedpur for Construction of Cooling tower	Oct 2009	Dr A.K.L.Srivastava Dr Shailendra Kumar
15.	M/S Zameel steel pvt ltd Flat No 802 the Residency Estate 82, HB Road (Behind Hotel Arya) Ranchi.	Proof Checking / vetting of design and drawing of E01 to E09 for construction of proposed ware house at Motihari Bihar.	Jan 2010	Dr A.K.L.Srivastava Dr Sanjay Kumar
16.	M/S Emak Consulting Engineers Pvt Ltd Ranchi office ashok Nagar Road	Proof Checking of the Design and Drawing of Bridge over River Subernekhha near MVR in connection of Doubling of Muri Station on behalf of Rahee Industries Ltd Kolkata	May 2010	Dr A.K.L.Srivastava Dr M.M.Prasad
17.	M/S Jharkhand Electricity Board Singhbhum Area Jamshedpur Ist floor Cooperative Bank Building Bistupur Jamshedpur	Testing of Soil and its feasibility for construction of Dy Project Manager office Building and its Inspection Bunglow in Adityapur	May 2010	Dr A.K.L.Srivastava Dr M.M.Prasad, Dr A.K.Singh
18.	M/S Anup Gupta Director Bindal Build Com. Pvt Ltd Jamshedpur	Testing for soil testing of proposed plot at Marin Drive Road Sonari	June 2010	Dr A.K.L.Srivastava Dr A.K.Khan, Dr A.K.Singh
19..	M/s Supreme Construction Co., 604/21C, Faridabad	Concrete Mix Design of Grade M25 of M/s Supreme Construction Co. for 2 X20 MW Power Plant Project at Chaliyama, Jharkhand	Feb. 2010-	Dr A.K.L.Srivastava Dr. Shailendra
	M/S South Eastern Railway	Proof Checking of Design of span of Foot over bridge for pedestrian crossing at Ranchi station yard	June 2010	Dr A.K.L.Srivastava Dr Shailendra Kumar

20.	M/s The Deputy Chief Engineer, Construction Organization, South Eastern Railway	Proof Checking of Design Span of Foot Over Bridge (FOB) for Pedestrian crossing at Ranchi Station yard	July 2010	Dr A.K.L.Srivastava Dr. Shailendra
21.	M/s Bank of Baroda, Jamshedpur	Non-destructive testing of roof slab for Commercial Building at Bank's Commercial cum residential building, Bistupur Jamshedpur	-Aug. 2010	Dr A.K.L.Srivastava Dr B.K. Prasad Dr. Shailendra
22.	M/S Colambia Enterprises saraikela	Testing and Consulancy of Paver Block	Dec 2010	Dr A.K.L.Srivastava Dr B.K.Prasad
23.	M/s MODI Projects Ltd. Kanke, Ranchi-834008	Proof Checking of Design of Superstructure of road over bridge (Composite Steel Plate Girder and Deck-slab) at km 418.948 of BNDM-BUF section of CKP Division, Rourkela, S.E., Railway	Dec. 2010	Dr A.K.L.Srivastava Dr. Shailendra
24.	M/S Harihar Universal Pvt. Ltd., P.O.- Mosabani Mines, District-Sighbhum (East), Jamshedpur – 4, Jharkhand	Testing of Cement (KONARK BRAND) Construction of 12 nos qtrs. For ZTC of LIC at KadmaJsr	R March 2011	Dr A.K.L.Srivastava Dr. Shailendra
25.	M/S Harihar Universal Pvt. Ltd., P.O.- Mosabani Mines, District-Sighbhum (East), Jamshedpur – 4, Jharkhand	Design Mix for M20 grade Concrete for construction of 12 Nos. quarters for ZTC at Kadma, Jamshedpur	May 2011	Dr A.K.L.Srivastava Dr. Shailendra
26.	M/s The Commandant, 106-	Consultancy Report on detailed	Aug 2011	Dr A.K.L.Srivastava Prof. M.M. Prasad

	BN, RAF/CRPF, Jamshedpur, Jharkhand	investigation and Nondestructive testing on newly constructed residential building at RAF-Camp, Sundernagar, Jamshedpur		Dr B.K. Prasad Dr.Shailendra Kumar
27.	M/S Simplex Pvt Limited Kolkata	Design Mix of M 20 and M 30 grade of Concrete	Aug 2010	Dr A.K.L.Srivastava Dr M.M.Prasad , Dr Sanjay Kumar
28.	M/S Rahee Infra Tech Ltd Shalimar Howarah	Proof Checking of detailed design for construction of Major Bridge No.182 in I.B. Braj Nagar	Aug 2010	Dr A.K.L.Srivastava Dr M.M.Prasad Dr Sanjay Kumar
29.	M/S South Eastern Railway of the Dy Chief Engineer Construction Ranchi.	Proof Checking of Splice Joint design of 29 m span steel girder of ROB at Namkom Ranchi.	Jan 2011	Dr A.K.L.Srivastava Dr M.M.Prasad Dr Sanjay Kumar
30.	M/S Zameel steel pvt ltd Ranchi..	Proof Checking / vetting of design and drawing of proposed ware house at Mujaffarpur.	Jan 2011	Dr A.K.L.Srivastava Dr M.M.Prasad Dr Sanjay Kumar
31.	M/S Bindal Build Con Pvt Ltd Inner Circle Road BistupurJsr	Design Mix of M 20 and M 25 (Probable)	Jan 2011	Dr A.K.L.Srivastava Dr Shailendra
32.	M/S Swati UdyogPvt Ltd Factory VillJuriSinghbhumJsr	Non-Destructive test for tie beam at plant located at Juri E Singhbhum Jamshedpur	Jan 2011	Dr A.K.L.Srivastava Dr Shailendra Kumar
33.	M/S Bhartyiya Road Congress Komakoti Marg Ram Krishna puram New Delhi	General Report on Road Research Work Done in India during the Year 2010-2011	April 2011	Dr A.K.L.Srivastava Dr Shailendra Kumar
34.	M/s A.P. Chaudhary Special Secretary P.W.D Jharkhand Govt	For special meeting for Public Construction from Govt	May 2011	Dr A.K.L.Srivastava
35.	M/s Ashrita Engineering Services C-158 Vidhyalaya	Vetting of the Design and Drawing for ROB of single span (14 m)	July 2011	Dr A.K.L.Srivastava Dr Shailendra Kumar Dr M.M.Prasad

	Marg Ashok Nagar Ranchi	with skew angle as RCC type structures near PIKSA station on NH-23 (Near Ranchi)		Prof Prahlad Prasad
36.	For Execution of IVA Services at Chhota Govindpur & Baghbera Piped Water Supply Schemes (MVS) Satyndra Draft Contract for Consulting Services	Satyndra Draft Contract for Consulting Services NNP DPMU East Singhbhum Contract No. NNP/DPMU/ES/21		Co-Investigators (Including 14 persons)
37.	Many Testing and Consultancy works done.	From 2009 to till dates in parts Many Organization		Co-Investigators (Including persons/faculty of Civil engineering NIT Jamshedpur)