

## BIO-DATA

Name Dr. Rajesh Kumar Tripathi,  
 Present Post Professor in Civil Engineering  
 Father's Name Late Shri Tuls Ram Tripathi  
 Nationality Indian  
 Date of Birth Eight September Ninety Sixty Four (08-09-1964)  
 Present address Head Civil Engineering, National Institute of Technology Raipur,  
 G. E. Road Raipur (C.G.)–492010 [Mobile No.–09425510039]



### 01. Educational Qualification

Name of Examination	Year of Passing	Institution	Board/ University	Specialisation	% of Marks	Division
H.S.S.C. Examination	1981	S.B.B.P. N.V.B. Barman, Distt. – Narsinghpur, M.P.	M.P. Board of Sec. Education Bhopal	Mathematics Physics Chemistry	72.75 %	First Division
B. E. Civil Engineering	1986	Govt. Engg. College Jabalpur (M.P.)	Rani Durgavati Vishwavidhyalaya Jabalpur (M.P.)	Civil Engineering	83.13%	First Division With Distinction (VI-Position)
M. Tech. Structural Engg.	1993	I. I. T. New Delhi	I. I. T. New Delhi	Structural Engineering	8.38 C.G.P.A	First Division
Certificate Course in German Language	1992	I. I. T. New Delhi	I. I. T. New Delhi	German Language		
Ph. D. in Civil Engineering	2002	S. G. S. I. T. S. Indore	Devi Ahilya Vishwa-Vidhyalaya Indore	Structural Engineering	Received one best paper award	
One-Sem. Program on Earthquake Engineering	2004	Indian Institute of Science Bangalore	N.P.E.E.E Sponsored by M.H.R.D.	Earthquake Resistant Design	GPA 6.63 On 8 point Grade	First

### 02. Work Experience

Name of Organisation	Office Address	Post	Salary	Period
M/S Bhogilal & Company	Near Railway Station Parasia, Distt- Chindwara	Site Engineer	Rs. 1600=00 Per month	18-08-1986 to 18-10-1987
Depart of Telecom. Govt. of India	O/S S.E. Telecom Civil Circle, G.T.B.Complex Bhopal (M.P.)	Junior Engineer Civil	In Scale of Rs 1400-2300	26-10-1987 to 17-07-1989
Depart. of Tech. Edu. Govt. of Chhattisgarh	Govt. Engineering College Jabalpur	Lectures in Civil Engineering*	In Scale of Rs 2200-4000	18-07-1989 to 17-07-1995
Depart. of Tech. Edu. Govt. of Chhattisgarh	Govt. Engineering College Raipur	Sr Lecturer in Civil Engineering*	In Scale of Rs 3000-5000	18-07-1995 to 17-07-2000
Depart. of Tech. Edu. Govt. of Chhattisgarh	Govt. Engineering College Raipur	Reader in Civil Engineering*	In Scale of Rs 12000-18300	18-07-2000 to 30-12-2005
* Initially appointed as lecturer in Civil Engg. w.e.f. 18-07-89 in Govt of Madhya Pradesh and Promoted to the post of Reader in Civil Engineering w.e.f. 18-07-2000 by Govt. of Chhattisgarh.				
** Govt. Engineering College Raipur had been upgraded to National Institute of Technology Raipur w.e.f. 31-12-2005.				
National Institute of Technology Raipur **	G.E. Road Raipur Raipur-492010 (C.G.) India	Associate Professor in Civil Engineering	In Scale of Rs 37400-57000 Grade Pay Rs 9000=00	01-01-2006 to 09-03-2013
From 9-05-05 to 31-01-07 worked as a <b>Deputy Secretary</b> for Technical Education, Science & Technology and Man Power Planning Department, Government of Chhattisgarh				
National Institute of Technology Raipur **	G.E. Road Raipur Raipur-492010 (C.G.) India	Professor in Civil Engineering	In Scale of Rs 37400-57000 Grade Pay Rs 10000=00	10-03-2013 to Continue

### 03. Awards / Honours / Recognition / Scholarship

- Honoured by **Institution of Engineers (India)**, Chhattisgarh State Centre for valuable contribution in the field of Technical Education on **Teachers Day** i.e. 5<sup>th</sup> **September 2010**. (IEI/CSC/10/131 Dated 21-08-2010).
- “**Best Citizens of India Award**” by Best Citizen Publishing House, 22 Babar Road, Near Bengali Market, New Delhi-110001.

- 3) **“Shiksha Rattan Puraskar”** by India International Friendship Society, C-23/2, I FLOOR, Goel Business Chamber, Connaught Place New Delhi-110001 (India). This award was presented in the Conference on **“Role of Education in Modern India”** at New Delhi on 7<sup>th</sup> April 2010.
- 4) **NPEEE scholarship** for One-Sem. Program on Earthquake Engineering at **Indian Institute of Science Bangalore** N.P.E.E.E Sponsored by M.H.R.D. New-Delhi in 2004. (CCE/NPEEE/2004-05-101 12<sup>th</sup> August 2004).
- 5) **INDIAN TECHNICAL ADVISOR**, for CANADA INDIA INDUSTRY INSTITUTE LINKAGE PROGRAMME. (File No 5017 Pune November 17, 2003 & File No 3151 Pune May 21, 2004 )
- 6) **“Best paper by Young Engineer award”** (International Award) in Structural Engineering Convention-2001 (An International Meet), held at Indian Institute of Technology Roorkee 2001.
- 7) **“Srimati Saroma Sanyal Memorial Prize for 1994-95”** (National Award for Best Paper of the year) by Institution of Engineers (India) at 11<sup>th</sup> Indian Engineering Congress at Jaipur on 23-12-1995.
- 8) MHRD New Delhi Q.I.P. Scholarship for pursuing Ph. D. degree from S.G.S.I.T.S. Indore (August 1998 to July 2001 for three year).
- 9) MHRD New Delhi Q.I.P. Scholarship for pursuing M. Tech. Degree from I.I.T. New Delhi (July 1991 to December 1992 for one and half year).
- 10) National Merit Scholarship for pursuing B.E. Degree from G.E.C. Jabalpur (1981 to 1986 for five year).
- 11) **Holcim Awards** for Sustainable Construction: Certificate of Participation 2011 “Improving Soft Subgrade soil by Rice Husk Ash for Low Volume.

#### 04. Books Published

1. Study of Earthquake Engineering and Seismic Hazard Analysis for Kodar and Sondur Dam sites in Chhattisgarh (Co-authors Dr M K Verma and Er Pramod Khare). ISBN: 978-93-80397-25-2, Published by M/s Pragun Publication 4224/1, Ansari Road, Daryaganj, NewDelhi-110002 in year 2011.
2. Deterministic Seismic Hazard Analysis of Tandula and Balar Dams (Co-authors Dr M K Verma and Er C R Sahu). ISBN: 978-93-80397-26-9, Published by M/s Pragun Publication 4224/1, Ansari Road, Daryaganj, NewDelhi-110002 in year 2011.
3. Assessment of Seismic Hazard for Ravishankar and Sikaser Dam in Chhattisgarh Sate (Co-authors Dr M K Verma and Er T R Sahu). ISBN: 978-93-80397-27-6, Published by M/s Pragun Publication 4224/1, Ansari Road, Daryaganj, NewDelhi-110002 in year 2011.
4. Evaluation of Peak Ground Acceleration at Hasdeo-Bango and Dudhawa Dam Sites (Co-authors Dr M K Verma and Er Shashank Tiwari). ISBN: 978-93-80397-25-2, Published by M/s Pragun Publication 4224/1, Ansari Road, Daryaganj, NewDelhi-110002 in year 2011.
5. Strength of Materials: Published by M/S G. K. Publishers Jabalpur April 1994.
6. Mechanical Science (Co-author Prof. U. S. Vijaywargiya), Published by M/S G. K. Publishers. Jabalpur April 1994.

#### 05. Proceeding Edited

1. “Issues pertaining to the Development of New State and the Capital of Chhattisgarh” for National Conference held at Raipur on 26-27 April 2003.
2. “Emerging Trends in Civil Engineering for Infrastructure Development “for National Conference at National Institute of Technology Raipur on 15-16 February 2008.

#### 06. M. Tech Dissertation

Grillage Analogy applied to Box-Girder Bridges.

#### 07. Ph. D. Thesis

Non-linear finite element analysis of plate bending using higher order shear deformation theory.

#### 08. Technical Paper

##### 8.1 Technical Paper published in International Journals

1. Verma M K, Shrivastava R K , Tripathi R K (2009) “Evaluation of Min-Max, Weighted and Preemptive Goal Programming Models with reference to Mahanadi Reservoir Project. **Journal of Water Resources Management, Springer Netherland**, Vol (24) pp 299-319.
2. Tripathi R K, Verma M K, Tripathi N. (2009) “Seismic Hazard Analysis For Major Dams Of Chhattisgarh”; **International Journal of Earth Sciences & Engineering** (ISSN 0974-5904) Vol. 02, No. 04, August 2009, pp 287-298.

3. Tripathi R K (2010) "Estimation of Collapse Load in Plates using Higher Order Shear Deformation Theory" **International Journal of Emerging Technologies and Applications in Engineering Technology and Sciences**, (ISSN:0974-3588) Volume 3 Issue 1 Jan-July 2010, pp 649-656.
4. Yadu L K, Tripathi R K and Singh D (2011) " Comparison of Fly Ash and Rice Husk Ash Stabilized Black Cotton Soil" **International Journal of Earth Sciences & Engineering** (ISSN 0974-5904) Vol. 04, No. 06, October 2011, pp 42-45.
5. Tripathi R K and Verma M K (2012) "Social Sustainable Rural Housing in India:An Urgent Need" **The International Journal of Environmental, Cultural, Economic and Social Sustainability**.
6. Shori A, Tripathi R K and Verma M K (2012) " Safety check of Sondur Dam for changed Seismic Condition" **International Journal of Engineering Research and Technology**" (ISSN 2278-0181) Vol. 01, Issue. 05, July; 2012.
7. Verma G, Verma M K and Tripathi R K (2012) " Safety Check of Existing Dam against altered Seismic Hazard Conditions" **International Journal of Civil and Structural Engineering**" (ISSN 0976-4399) Vol. 03, No. 01, August 2012, pp 239-248.
8. Verma G, Verma M K and Tripathi R K (2012) " Dynamic Analysis of Hirakud Dam due to Seismic Forces" **International Journal of Scientific and Research Publications**" (ISSN 2250-3153) Vol. 02, Issue. 09, September 2012, pp 331-340.
9. Shori A, Tripathi R K and Verma M K (2012) " Safety Analysis of Rupsiabagar Dam under Seismic Conditions using CADAM" **International Journal of Scientific and Research Publications**" (ISSN 2250-3153) Vol. 02, Issue. 09, September 2012, pp 437-447.
10. Madhuri R, Verma M K and Tripathi R K (2013) "Impact of Urbanisation on Water Resources in Raipur City using GIS and Remote Sensing". **International Journal of Earth Sciences and Engineering** (ISSN 0974-5904) Vol. 06 Issue 1 February 2013 or Issue 2 April 2013.
11. Yadu L K. and Tripathi R K (2013) "Stabilization of Soft Soil with Granulated Blast Furnace Slag and Fly Ash". **International Journal of Research in Engineering & Technology** (ISSN 2319-1163) Vol. 02 Issue 2 pp 115 – 119.
12. Yadu L.K. and Tripathi R.K. (2014). "Effect of Depth and Number of Layers of Reinforcement on Bearing Capacity Ratio of Strip Footing Resting on Granulated Blast Furnace Slag Reinforced with Geogrid" in **Geo-Congress 2014: Geo-characterization and modeling for sustainability**, Geotechnical Special Publication No. 234, ASCE pp 3605-3614.
13. Tripathi R.K. and Yadu L.K. (2014). "Effect on Bearing Capacity Ratio of Strip Footing for Various Granular Fill Thickness and Number of Geogrid Layers in Granular Fill Overlay on Soft Soil " in **Geo-Congress 2014: Geo-characterization and modeling for sustainability**, Geotechnical Special Publication No. 234, ASCE pp 2503-2512.
14. Williams M P and Tripathi R K, (2016)"Comparative Study of Linear and Nonlinear Behaviour of RCC Irregular and Regular Buildings", in **International Journal of Advances in Natural and Applied Sciences**. (ISSN: 1995-0772) Published BY AENSI Publication EISSN: 1998-1090 <http://www.aensiweb.com/ANAS> 2016 March 10(3): pages 32-37.
15. Williams M P and Tripathi R K, (2016) "Study of Effect of Eccentricity on the Linear and Nonlinear Behaviour of RCC Irregular Buildings" **International Journal of Engineering and Research** (ISSN:2319-6890)(online),2347-5013(print) Volume No.5, Issue No.4, pp : 275-278 1 April 2016.
16. Thomas A, Tripathi R K and Yadu L K, (2016) "Effect of Enzymes on the Unconfined Compressive Strength of Soil", **International Journal of Applied Engineering Research**, ISSN 0973-4562, Volume 11, Number 10 (2016) pp 6940-6942.
17. Thomas A, Tripathi R K, Yadu L K and Roy S, (2016) "Soil Stabilisation using Terrasil", **International Journal of Earth Sciences and Engineering- ISSN : 0974-5904**, Volume 09, No 03, June 2016, pp1049.
18. Gupta S, Tripathi R K and Mishra R K, (2016) "Statistical model for prediction of 28 days compressive strength by 3 days compressive strength using response surface method" **Journal of Chemical and Pharmaceutical Science**, ISSN: 0974-211 Special issue 2 August 2016 pp 82-66.
19. Mishra R K, Tripathi R K and Dubey V. (2016) " Early age Shrinkage pattern of Concrete on replacement of fine aggregate with Industrial by product" in the **Journal of Radiation Research and Applied Sciences**, 9 (2016) pp 386-391.
20. Gupta S, Tripathi R K and Mishra R K, (2017) "Study of concrete having industrial waste as fine aggregate replacement and generation of model for prediction of compressive strength using response surface method". **Materials Today: Proceedings Elseviers** 4(9) pp 9727-9731 (2017) (Scopus Indexed).

21. Mishra S R K and Tripathi R K (2017) "Early age strength and electrical resistivity of concrete as durability indicator through maturity" International Journal of Earth Sciences and Engineering- ISSN : 0974-5904, Volume XX, No XX, February 2017, pp 214-223 (Scopus Indexed).
22. Manoharan A C and Tripathi R K (2017) "Analysis of Steel Beams with Circular Openings" in International Journal of Civil Engineering and Technology (IJCIET), ISSN print 0976-6308. Volume 8, Issue 3 March 2017, pp 411-422.
23. Mishra S R K and Tripathi R K (2017) "Early age strength and electrical resistivity of concrete as durability indicator through maturity" International Journal of Earth Sciences and Engineering- ISSN : 0974-5904, Volume XX, No XX, February 2017, pp 214-223.
24. Manoharan A C and Tripathi R K (2017) "Analysis of Steel Beams with Single Openings at Different Locations" in International Journal of Civil Engineering and Technology (IJCIET), ISSN print 0976-6308. Volume 8, Issue 5 MaY 2017, pp 539-551.
25. Shukla A, Tripathi R, Ramtekkar G D, (2017) "A Survey on Cost and Time management in Highway Construction Projects", International Journal of Scientific Development and Research (ISSN:2455-2631). Volume No.5, Issue No.4, pp : 275-278 1 April 2016.
26. Shukla A, Tripathi R, Ramtekkar G D, (2017) "Risk identification based on Historic Data Analysis and Questionnaire Related to Highway construction Projects", , International Journal of Scientific Development and Research (ISSN:2455-2631). Volume No.5, Issue No.4, pp : 275-278 1 April 2016.
27. Mishra S R M and Tripathi R K, "Prediction of Compressive Strength of Concrete using Electrical Resistivity measurements on cement and fine aggregate replacement " Indian Concrete Journal, 91(11), pp 38-44 (Scopus).

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## 8.2. Technical Paper published in National Journals

1. Nema A K, Jain R K and Tripathi R K (1995). "Application of Dynamic Programming to the Optimum Design of Municipal waste water" in **Journal of Institution of Engineers (India)**, Vol.-75, August 1995, pp 41-48.
2. Tripathi R K, Vidyarthi A K and Jain R K (1996) "Development of Generalised cost function and Economic Selection Criteria for Domestic Waste Water Treatment System" in **Journal of Institution of Engineers (India)**, Vol.-77, August 1996, pp 41-48.
3. Tripathi R K, Babu P and Jain R K (1994). "Environmental Management in a Basic Drug Industry" in **Journal of Institution of Public Health Engineers (India)**, Vol.-1994, No.4, pp 33-42.
4. Tripathi R and Rode V (2000-2001). "Elasto-Plastic Analysis of Plate Bending using Higher Order Shear Deformation Theory" in **Journal of Institution of Engineers (India)**, Vol.-83, November 2002, pp 191-200.
5. Tripathi R K, Tiwari S and Verma M K (2008). "Deterministic Seismic Hazard Analysis for Hasdeo-bango Dam site in Chhattisgarh state" in **CSVTU Research Journal**, Vol 1, No 1 January 2008, pp 21-27.
6. Verma M K, Tripathi R K and Gupta D P (2008). "Conceptualization of Sustainable Water Resources Infrastructure and its Development for Chhattisgarh State" in **CSVTU Research Journal**, Vol 1, No 1 January 2008, pp 16-20.
7. Sahu C R, Tripathi R K, Verma M K and Parasar A (2008). "Assessment of Seismic Hazard at Tandula Dam and Balar Dam using DSHA" in **Journal of Structural Engineering** (ISSN 0970-0137), Vol. 35, No 2 (June-July 2008), pp 128-136.
8. Verma M K and Tripathi R K (2008). "Rainfall-Net Inflow Modelling for Dudhawa Reservoir" in **CSVTU Research Journal**, Vol 1, No 2 January 2008, pp 34-39.
9. Tripathi R K, Rode V and Verma M K (2009). "Plastic Zone Propagation In Thick Plates Using Higher-Order Shear Deformation Theory" **CSVTU Research Journal** (ISSN 0974-8725) Vol-2, No.-2, pp 30-36 .
10. Ahmad I, Nayak S, Verma M K and Tripathi R K (2009). "Application of Fuzzy Logic Rainfall Runoff Modelling for Ravishankar Reservoir" **CSVTU Research Journal**. Vol 2 No. 1, January 2009, pp 12-16.
11. Ahmad I, Nayak S, Verma M K and Tripathi R K (2009) "Fuzzy Logic Approach in Developing Rainfall-Runoff Model for Dudhawa Reservoir", **Journal of Indian Water Works Association (IWWA)** (ISSN 0970-275X), Mumbai, Vol. XXXXI. No.1, January-March 2009, pp 75-80.
12. Tripathi R K, Rode V and Verma M K (2009) "Finite Element Elasto-Plastic Analysis of Plate Bending using Layered Higher Order Shear Deformation. **ICFAI University Journal of Structural Engineering** (ISSN 0974-6528). Vol. II, No. 04, October 2009, pp 7-23.
13. Tripathi R K, and Verma M K (2010). "Seismic Hazard Analysis for Capital City of Chhattisgarh State" **CSVTU Research Journal** (ISSN 0974-8725) Vol-3, No.-1, pp 23-28.
14. Yadu L K, Tripathi R K and Singh D (2011). "Laboratory Performance Evaluation of Stabilized Black Cotton Soil with Rice Husk Ash" **CSVTU Research Journal** (ISSN 0974-8725) Vol-4, No.-1, pp 50-55.

15. Kant T, Tripathi R K and Rode V (2013), "Elasto-Plastic Behaviour of Thick Plates with a Higher-Order Shear Deformation Theory" Proceedings of Indian National Science Academy. Volume 79 No 4 December 2013, Special Issue Part A pp 563-574.
16. Williams M P and Tripathi R K, "Effect of Shear Wall Location on the Linear and Nonlinear Behaviour Eccentrically Loaded Buildings" Indian Journal of Science and Technology (ISSN:0974-5645)(online), 0974-6846 (print) Volume No.9(22), pp : 01-05 1 June 2016.

### 8.3 Technical Paper published in International Conferences/Seminars/Workshops

1. Tripathi R and Rode V (2001). Finite Element Analysis of Non-linear Plate Bending with Higher Order Shear Deformation Theory. **International Conference on Civil Engineering-2001**, held on 23-24 July 2001 at Indian Institute of Science, Bangalore. pp 419-428.
2. Tripathi R and Rode V (2001). Finite Element Elasto-Plastic Analysis of Plate Bending using Layered Higher Order Shear Deformation Theory. **Structural Engineering Convention-2001** (An International Meet), held on 5-7 October 2001 at I. I. T. Roorkee, Roorkee, pp 538-553.
3. Tripathi R and Rode V (1999). A Review of Anisotropic yield criteria and their applicability in the fibre reinforced composite materials. **2<sup>nd</sup> Asia Pacific Speciality Conference on Fibre Reinforced Concrete**. 27-28 August 1999, Singapore.
4. Verma M K, Sen G and Tripathi R K (2002). "Importance of the Optimisation Techniques in Operation of Existing Water Resource Systems" in work shop on Computer Applications in Mineral Developments and Water Resources Managements held at G E C Raipur on 23<sup>rd</sup>-24<sup>th</sup> March 2002. Published by **South Asian Association of Economic Geologist**. pp 131-136.
5. Ahmad I, Patel A, Verma M K and Tripathi R K (2011).Fuzzy Logic Based Inflow Prediction Model For Reservoirs of Mahanadi Basin" First International Conference on **Emerging Trends in Soft Computing and ICT (SCICT 2011)**. 16-17 March 2011 G G Vishwavidhyalaya Bilaspur (India). Pp 95-98
6. Yadu L K, Singh D and Tripathi R K (2011). "Strength Characteristics of Rice Husk Ash Stabilized Black Cotton Soil" International Conference on **Advances in Materials and Techniques for Infrastructure Development (AMTID 2011)**. 28-30 September 2011 NIT Calicut (India). Paper No T022.
7. Yadu L K. and Tripathi R K (2012). "Effects of Granulated Blast Furnace Slag in the Engineering Behavior of Stabilized Soft Soil " 3rd Nirma University International Conference on Engineering, NUICONE-2012, organized by Institute of Technology, Nirma University, Ahmedabad in association with IEEE and Science Direct., India, December 06-08.
8. Tripathi R.K. and Yadu L.K. (2013). "Bearing Capacity of Square Footing on Soft Soil Stablized with Rice Husk Ash – An Experimental Study" in International Conference on Emerging Trends in Engineering and Technology ICETET 2013 at Phuket from 7th to 8th Dec 2013 organized by International Institute of Engineers.
9. Tripathi R K (2014). "Study on Environmental Impact of Coal Mining in Korba Region of Chhattisgarh State of India" in International Conference on Chemical, Biological and Environment Sciences (ICCBES 2014) at Pattaya (Thailand) from 15 to 16 December 2014 organised by Planetary Scientific Research Centre.
10. Williams M P and Tripathi R K, "Comparative Study of Linear and Nonlinear Behaviour of RCC Irregular and Regular Structures", International Conference on Engineering, Technology and Sciences March 2015.
11. Tripathi R K and Tripathi M. (2015). "Development of Geoid Model for Chhattisgarh State using Geophysical Methods and GPS Technology" in 4th International Conference on Advances in Engineering Sciences and Applied Mathematics (ICAESAM 2015) at Kuala Lumpur from 08 to 09 December 2015 organised by International Institute of Engineers Kuala Lumpur.
12. Mishra R K and Tripathi R K, "Mechanical Properties of Concrete on Partial Peplacement of Natural Sand with Alternative Materials: in proceedings of 4th Asian Conference on Ecstasy in Concrete ICI-ACECON 2015, at Kolkatta from 8 to 10 December 2015, V 1 pp 279-287.
13. Gupta S, Tripathi R K and Mishra R K, "Statistical model for prediction of 28 days compressive strength by 3 days compressive strength using response surface method" International Conference on Civil, Mechanical and Environmental Engineering Technologies ICCMEET 2016 , ISBN: 978-1-9411505-42-7, 26-27 Feb 2016 at SVS College of Engineering Coimbatore India-642203 pp 78-.
14. Thomas A, Tripathi R K and Yadu L K, "Variation in shear modulus of enzyme treated soil under cyclic loading", Geotechnical Special Publication, GeoChina 2016 American Society of Civil Engineers pp. 88-95.
15. Ansu Thomas, R K Tripathi, L K Yadu, 2016, Effect of GBS on the UCS and Shear modulus of soil, International Geotechnical Engineering Conference on Sustainability in Geotechnical Engineering Practices and Related Urban Issues,September 23-24, 2016, Mumbai, India.

16. Tripathi M, Williams M P and Tripathi R K. (2016). "Behaviour of Tall Structures with Eccentric loadings" in International Conference on Green Buildings, Civil and Architectural Engineering (ICGBCAE 2016) at Dubai (UAE) from 09 to 10 October 2016 organised by Universal Researchers in Science and Technology pp 59-65.
17. Tripathi R K and Mishra S R M, "Effect of Carbonation on Mechanical Properties & Durability of Concrete with Replacement of Sand by Pond Ash". 5th International Conference on Chemical, Materials, Mining and Manufacturing Engineering (CM3E-17-Bali) held on October 10-11, 2017 Bali (Indonesia).
18. Sharma A, Tripathi R K, and Govardhan (2018), " Seismic Performance of Different Base Isolation System for Asymmetric Buildings", International Conference on Advances in Science & Technology (ICAST), May 04th-05th, 2018, Jaipur (India).

#### 8.4 Technical Paper published in National Conferences/Seminars/Workshops

1. Tripathi R K, Kumar S and Jain R K "Optimum Cost Comparison between different low cost treatment systems for Domestic Wastewater treatment", in National Seminar on Pollution Control for Sustainable Development and Human Health held at Jabalpur from 12-10-1997 to 13-10-1997, pp 125-131.
2. Sen G and Tripathi R K "Analytical Investigation on Waste Water Disposal using Model Cribs" in National Seminar on **Pollution Control for Sustainable Development and Human Health** held at Jabalpur from 12-10-1997 to 13-10-1997, pp 82-85.
3. Tripathi R K and Nayer K K "Development of New Grillage Model using substructure technique for transverse section of Box-Girder Bridge Decks" at 58<sup>th</sup> annual session of **Indian Road Congress** held at Bhopal from 5-10-1998 to 8-10-1998, pp 34-42.
4. Tripathi R K and Rode V (1999). A systematic Computer aided approach for Elasto-Plastic Analysis of fibre reinforced composite structural members. **CMSID-99**, 3-4 April 1999, Gwalior by Indian Concrete Institute, pp 127-135.
5. Tripathi R and Rode V (1999). Fibre reinforced composite as an emerging building materials: A review of Elasto-Plastic behaviour. **CMSID-99**, 3-4 April 1999, Gwalior by Indian Concrete Institute, pp 146-151.
6. Tripathi R and Rode V (2000). Higher Order Shear Deformation Theory as an Emerging Analysis Tool for Non-Linear Plate bending analysis. **All India Seminar on Infrastructure Scenario in the Twenty first Century**. 4-5 October 2000, Lucknow, pp 45-57.
7. Tripathi R and Rode V (2000). Analytical modelling of Plate bending behaviour using Higher Order Shear Deformation Theory. **National Conference on New Horizons in Civil Engineering Practices for the Millennium-2000**. 07-08, December 2000, organized by A. M. A. College of Engineering, Kanchipuram, pp 15-21.
8. Verma M K and Tripathi R K (2003). "Development of Sustainable Water Resources Infrastructure for the State of Chhattisgarh". National Conference on Issues Pertaining to the Development of New State and the Capital of Chhattisgarh. Raipur 26-27 April 2003, pp 18-23.
9. Tripathi R K and Verma M K (2003). "Ready Mix Concrete A Need of Time for Development of New State Capital". National Conference on Issues Pertaining to the Development of New State and the Capital of Chhattisgarh. Raipur 26-27 April 2003, organized by I E (India) Raipur Local Centre. (pp 12-17).
10. Tripathi R K and Verma M K (2003). "Guide Lines for Construction of New Cement Concrete Roads" National Conference on Issues Pertaining to the Development of New State and the Capital of Chhattisgarh. Raipur 26-27 April 2003, organized by I E (India) Raipur Local Centre. pp 36-40.
11. Tripathi R K, Sahu T, Verma M K and Ramtekkar G D (2008). "Application of Seismic Hazard Analysis for Dams" in National Seminar on "Seismic Response: Design and Strengthening of Buildings Structure. Jabalpur 27<sup>th</sup>- 28<sup>th</sup> October 2007, pp 106-119.
12. Tripathi R K and Verma M K (2008). "DETERMINISTIC SEISMIC HAZARD ANALYSIS FOR RAIPUR CITY" National Conference on " Emerging Trends In Civil Engineering For Infrastructure Development " ETC-ID 2008 at National Institute of Technology Raipur on 15-16 February 2008. pp
13. Ahmad I, Verma M K and Tripathi R K (2008). "Application of Fuzzy Logic in Rainfall-Runoff Modeling for Murumsilli Reservoir", National Conference on Water resources in India: Concerns, Conservation and Management (WRIIN), University of Kashmir, Srinagar, Nov. 1-3, 2008.
14. Ahmad I, Verma M K and Tripathi R K (2008). "Urban Rain Water Harvesting and Ground Water Recharging", National Conference on Technological Advances in Civil Engineering: BITCON 2008, BIT Durg, Nov. 7-8, 2008, pp 274-278.

15. Soni A, Ahmad I, Verma M K and Tripathi R K (2008). "Study of Flood Routing Methods for Reservoirs", National Conference on Technological Advances in Civil Engineering: BITCON 2008, BIT Durg, Nov. 7-8, 2008, pp 224-228.
16. Ahmad I, Nayak S, Verma M K and Tripathi R K (2008). "Development and Application of Fuzzy Logic based Rainfall-Runoff Model", National Conference on Hydraulics & Water Resources: HYDRO 2008, MNIT Jaipur, Dec. 15-16, 2008, pp 275-282.
17. Ahmad I, Verma M K and Tripathi R K (2008). "Fuzzy Logic Approach in Rainfall-Runoff Modeling for Dudhawa Reservoir of MRP Complex", National Seminar: Water Vision 2030, IWWA, Nagpur Centre, Dec. 24-25, 2008, 9.
18. Nayak S, Tripathi R K and Verma M K (2008). "Weighted Goal Programming – An Effective Tool for Optimal Operation of Multiple Reservoir Systems", National Seminar: Water Vision 2030, IWWA, Nagpur Centre, December 24-25, 2008.
19. Yadu L K and Tripathi R K (2011). "Potential of Disposed Jute Bags for Sustainable Civil Construction Works in Chhattisgarh State. 25-26 January 2011, organized by S S Technical Campus Bhilai (India).
20. Tripathi R K and Tripathi N (2011). "Institute Industry Interaction" National Conference on Role of Science and Technology for Sustainable Development of Chhattisgarh. 25-26 January 2011, organized by S S Technical Campus Bhilai (India). PP 25-26.
21. Tripathi R K and Tripathi N (2011). "Institute Industry Interaction" National Conference on Industry Institute Interaction for Emerging Technologies. 17-18 March 2011, organized by S S I T M Bhilai (India). PP 6-9.
22. Verma M K, Tripathi R K and Ahmad I (2011). "Assessment of Asian Cities on the basis of Green City Index" 27<sup>th</sup> National Convention of Civil Engineers and National Seminar on Integrated Development of Towns as Growth Centers. 15-16 October 2011, organized by Institution of Engineers (India) C G State Center Raipur. pp 23-29.
23. Verma G, Tripathi R K and Verma M K (2011). "Integrated Township Planning: Need of the Hour" 27<sup>th</sup> National Convention of Civil Engineers and National Seminar on Integrated Development of Towns as Growth Centers. 15-16 October 2011, organized by Institution of Engineers (India) C G State Center Raipur. pp 79-83.
24. Yadu L K, Tripathi R K and Patel A (2011). "Smart Buildings and Photovoltaic Based Cooling System" 27<sup>th</sup> National Convention of Civil Engineers and National Seminar on Integrated Development of Towns as Growth Centers. 15-16 October 2011, organized by Institution of Engineers (India) C G State Center Raipur. pp 150-153.

#### 09.Ph. D. Supervisor:

##### Ph. D. Supervision Completed

S. No.	Name of Candidates	Registration Year	Title of research work	Co-Supervisor	Year of Completion
1.	Laxmi Kant Yadu	2009	Behaviour of Reinforced Granular fill-soft soil system under transverse loading on Rigid foundation: An experimental and numerical study.	NA	2014
2.	Anupum Shukla	2010	Identification, assessment and analysis of risk factors on overrun in Some National Highway Projects	Dr G. D. Ramtekar Civil Engg	2018
3.	S. R. K. Mishra	2011	Effect on carbonation of concrete made by replacement of fine aggregate with some locally available materials	NA	2018
4.	Miss Ansu Thomas	2014	A Comparative Study of Soil Stabilisation using Traditional, Nontraditional and Byproduct Stabilisers	Dr L. K. Yadu Civil Engg	2018

##### Ph. D. Supervision Ongoing

S. No.	Name of Candidates	Reg. Year	Title of research work	Co-Supervisor	Remarks
1.	Rakesh Kumar	2008-09	Earthquake Response Analysis of Major	Dr H. K. Mishra	Ongoing

	Grover[PT]	RGPV Bhopal	Dams of Madhya Pradesh	Head Civil Engg JEC Jabalpur	
2	Raman Mehar [PT]	2011	Mathematical Modelling of Soil Erosion of Shivnath River Basin Using Morphological Parameters	Dr M.K.Verma Civil Engg	Ongoing
3.	Anurag Sharma	2017	Course Work	Dr Govardhan Bhatt	Ongoing
4.	Mrs Varsha Harne	2017	Course Work	NA	Ongoing

#### Ph. D. Thesis Evaluated

1. Lucknow
2. VNIT Nagpur

#### 10. M. Tech Dissertation Guided

1. "Computer Aided Analysis and Design of Folded Plate Structures" by Ajit Dwivedi of Government Engineering College Jabalpur in 1994.
2. "Computer Aided Analysis and Design of Cylindrical Shell Structures" by R. K. Bansal of Government Engineering College Jabalpur in 1994.
3. "Computer Aided Design and Cost Optimisation of Overhead Circular Water Tank" by Yashpal Kant of Government Engineering College Jabalpur in 1995.
4. "Deterministic Seismic Hazard Analysis of Tandula Dam and Balar Dam Sites" by Chaitram Sahu of N.I.T. Raipur 2006.
5. "Study of Earthquake Engineering and Seismic Hazard Analysis for Kodar and Sondur Dam Site in Chhattisgarh state" by Pramod Khare of N.I.T. Raipur in November-2006.
6. "Evaluation of Peak Ground Acceleration at Hasdeo Bango and Dudhawa Dam Sites in Chhattisgarh State" by Shashank Tiwari of N.I.T. Raipur in November-2006.
7. "Assessment of Seismic Hazard for Ravishankar and Sikaser Dam in Chhattisgarh State" by Tejram Sahu of N.I.T. Raipur in November-2006.
8. "Development of Fuzzy Logic Based Rainfall-Runoff Model for Reservoirs of Mahanadi Reservoir Project Complex" by Ishtiyahq Ahmad of N.I.T. Raipur 2008.
9. "Application of Thomos-Fiering model for monthly stream flow generation in the Mahanadi Reservoir Project Complex" by Bhurang Sai of N.I.T. Raipur 2010.
10. "Optimization of Basin Water use and Planning of New Irrigation Scheme using GIS Application for Beda River SUB-Basin" by Asit Kumar Mahanty of NIT Raipur 2011.
11. "Dynamic analysis of Ravishankar and Hirakund Dams" by Mrs Gaurva of N.I.T. Raipur 2012.
12. "Seismic analysis of Sondur and Rupsiabagar-Khasiabara Dams" by Aryak Sori of N.I.T. Raipur 2012.
13. "Application of Remote Sensing & Geographical Information System in Ground Water Prospects Mapping" by Jainendra Vishakarma of N.I.T. 2013. Raipur.
14. "Estimation of 28 days compressive strength using 3 days and 7 days Electrical Resistivity, UPV and Compressive Strength Data" June 2016, by Sohan Gupta.
15. "Linear and Nonlinear Analysis of Frames using Different Structural Arrangements" June 2016, by Ms Mary Williams P.
16. "Analysis of Beams and Portal Frames with Web Openings" June 2017, by Ms Aparna C Manoharan.

#### 11. Evaluation of M.E. / M. Tech Dissertation Work

1. Conducted M.E. Thesis Via-va on "Seismic Response of Building for Indian Earthquakes" at S.G.S.I.T.S. Indore on 08-12-2008. ( No. Exam/PGA/1480 Indore dated 24-09-08 )



2. Conducted M.Tech. Thesis Via-va on "Fire Resistant Design of a Shopping Mall" at MANIT Bhopal on 27-10-2009. (Candidate Satish Kumar Chitwar Supervisor Dr P Suryanarayan; No COE/475/Conf./Exam/P-2 Dated 26-08-09).
3. Conducted M.Tech. Thesis Via-va on "Span Optimization for T-Beam Girder Bridge" at MANIT Bhopal on 27-10-2009. (Candidate Bharti Yadav Supervisor Dr S.K.Dubey; No COE/475/Conf./Exam/P-2 Dated 26-08-09).
4. Conducted M.Tech. Thesis Via-va on "Comparison of Cost and Constructional Advantages of Alternate Column Designs" at MANIT Bhopal on 27-10-2009. (Candidate Anubhav Rai Supervisor Dr P Suryanarayan; No COE/475/Conf./Exam/P-2 Dated 26-08-09).
5. Conducted M.Tech. Thesis Via-va on "Design of Buildings of Steel and Concrete Comparative Assessment of Limited Continuity Approach and Composite Construction" at MANIT Bhopal on 27-10-2009. (Candidate Prakash Sangamnerkar Supervisor Dr P Suryanarayan).
6. Conducted M.Tech. Thesis Via-va on "Computation of Safe Loads by Load and Resistance Factor method for Columns in Steel Building Frames" at MANIT Bhopal on 27-10-2009. (Candidate Rajesh Prasad Supervisor Dr P Suryanarayan).
7. Conducted M.Tech. Thesis Via-va on " Computation for Membrane forces in Shell of Revolution" at MANIT Bhopal on -2010. (Candidate Trupti Yadav, Supervisor Dr Vishnu Prasad and Mrs Ruchi Khare)
8. Conducted M.Tech. Thesis Via-va on " Seismic Response of RCC Framed and Shear Wall Structure a Comparative Study" at MANIT Bhopal on -2010 (Candidate Vikram Soni, Supervisor Dr S.K. Dubey )
9. Conducted M.Tech. Thesis Via-va on " Seismic Response of RCC Framed Building in Various Earthquake Zones" at MANIT Bhopal on -2010 (Candidate Afsar Chaand, Supervisor Dr S.K. Dubey )

## 12. Research Projects

S. No	Title of Project	Sponsored by	Amount	Status
1.	Improving Soft Sub-grades for the Construction of Low Volume Roads using Available marginal Materials. Started in 2012	Chhattisgarh Council of Science & Technology Raipur	2.00 Lacs	Completed in 2014
2.	Improving Soft Sub-grades for the Construction of Low Volume Roads using Available marginal Materials. Started in 2014	Department of Science and Technology NewDelhi	25.00 Lacs	Completed
3.	Performance Evaluation of Some Selected PMGSY Roads Section in the State of Chhattisgarh ( From November 2015)	National Rural Road Development Agency, Ministry of Rural Road Development, Govt of India New Delhi	41.86 Lacs	Completed

## 13. Continuing Programme Organised

S. No	Name of Course	From	To	Name of Sponsorer
1.	One month program on " <b>Computer Aided Office Automation</b> " for state Government Employees at Government Engineering College Jabalpur	6 <sup>th</sup> March-1995	5 <sup>th</sup> -April 1995	Government of M.P.
2.	National Program for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM) for Practicing Engineers	3 <sup>rd</sup> -March-2010	7 <sup>th</sup> - March-2010	National Institute of Disaster Management, Ministry of Home Affairs New Delhi
3	Course on AUTOCAD (C. No. 111 morning Batch and C. No. 112 Evening Batch : <b>Total TWO Batches</b> )	14 <sup>th</sup> Feb 2011	16 <sup>th</sup> March 2011	Self Financing by Candidate
4	Course on M. S. Office (C. No. 113 Evening Batch)	14 <sup>th</sup> Feb 2011	16 <sup>th</sup> March 2011	Self Financing by Candidate
5	Course on AUTOCAD (C. No. 114 morning Batch and C. No. 115 Evening Batch : <b>Total TWO Batches</b> )	28 <sup>th</sup> March 2011	28 <sup>th</sup> April 2011	Self Financing by Candidate
6	Course on M. S. Office (C. No. 117 Evening Batch)	12 <sup>th</sup> April 2011	12 <sup>th</sup> May 2011	Self Financing by Candidate
7	Course on AUTOCAD (C. No. 119 morning Batch, C. No. 120 day Batch and C. No. 121 Evening Batch : <b>Total Three Batches</b> )	1 <sup>st</sup> May 2011	30 <sup>th</sup> May 2011	Self Financing by Candidate
8	Course on M. S. Office (C. No. 123 Evening Batch)	13 <sup>th</sup> May	12 <sup>th</sup> June	Sponsored by B. S. N. L.

		2011	2011	Raipur
9	Course on AUTOCAD (C. No. 127 morning Batch, C. No. 128 day Batch and C. No. 129 Evening Batch : <b>Total Three Batches</b> )	6 <sup>th</sup> June 2011	7 <sup>th</sup> July 2011	Self Financing by Candidate
10	Course on AUTOCAD (C. No. 132 morning Batch and C. No. 133 Evening Batch : <b>Total TWO Batches</b> )	11 <sup>th</sup> July 2011	11 <sup>th</sup> Aug. 2011	Self Financing by Candidate
11	Course on M. S. Office (C. No. 134 Evening Batch)	16 <sup>th</sup> Aug. 2011	15 <sup>th</sup> Sep. 2011	Sponsored by Directorate of Health, Govt. of C.G.
12	Course on AUTOCAD (C. No. 135 morning Batch and C. No. 136 Evening Batch : <b>Total TWO Batches</b> )	22 <sup>nd</sup> Aug. 2011	21 <sup>st</sup> Sep 2011	Self Financing by Candidate
13	Course on M. S. Office (C. No. 138 Evening Batch)	20 <sup>th</sup> Sep 2011	20 <sup>th</sup> Oct 2011	Sponsored by Directorate of Health, Govt. of C.G.

#### 14. Seminars/ Workshop/Conference Organised

S. No.	Title / Name	Period		National / International	Organized by
		From	To		
1.	Alternative Building Materials and Advanced Construction Techniques	17 <sup>th</sup> Feb. 1997	21 <sup>th</sup> Feb. 1997	National Workshop	Government Engineering College Raipur
2.	Issues Pertaining to the Development of New State and the Capital of Chhattisgarh	26 <sup>th</sup> April 2003	27 <sup>th</sup> April 2003	National Conference	Institution of Engineers (India) State Centre Raipur
3.	Requirements of Technical Groups to Meet the Future Human Resources	29 <sup>th</sup> Oct. 2003	30 <sup>th</sup> Oct. 2003	National Workshop	Chhattisgarh Gov. at Raipur (No.97/US/TE/2003 Raipur Dated 23-9-2003)
4.	Emerging Trends in Civil Engineering for Infrastructure Development <b>ETC-ID 2008</b>	15 <sup>th</sup> Feb. 2008	16 <sup>th</sup> Feb. 2008	National Conference	National Institute of Technology Raipur
5.	Durability of Concrete and Role of Blended Cements	29 <sup>th</sup> March 2009	29 <sup>th</sup> March 2009	National Seminar	ACC Cement & National Institute of Tech. Raipur
6.	Best Practices of Flexible Pavement Construction	18 <sup>th</sup> Nov. 2010	-	Regional Seminar	H. P. C. L. & National Institute of Tech. Raipur
7.	Integrated Development of Towns as Growth Centers.	15 <sup>th</sup> Oct. 2011	16 <sup>th</sup> Oct. 2011	National Seminar	IEI (India) C G State Center Raipur and N I T Raipur
8.	Awareness of Indian Standard with particular Reference to National Building Code (NBC )- 2005	27 <sup>th</sup> April 2012	27 <sup>th</sup> April 2012	All India Workshop	CG State Centre of I. E (India) and BIS New Delhil.
9.	Application of Artificial Intelligence in Bioinformatics / Life Sciences	17 <sup>th</sup> Jan. 2013	17 <sup>th</sup> Jan. 2013	National Seminar	National Institute of Technology Raipur
10.	Finite Element Analysis of Plate Bending Using Higher Order Shear Deformation Theory	6 <sup>th</sup> April 2015		Workshop	Gujrat Technological University Ahmadabad-382424 (Gujrat)
11.	Research Schemes in DST & Recent Advances in Civil & Transportation Engineering	1 <sup>st</sup> August 2015		Workshop	National Institute of Technology Raipur under TEQIP-II
12.	Construction of Low Volume Roads on Soft Soil Improved by Locally Available Marginal Materials	14 <sup>th</sup> August 2015		Workshop	National Institute of Technology Raipur under TEQIP-II
13.	Water Resources in Developing Countries: Planning and Management	27 <sup>th</sup> August 2015	28 <sup>th</sup> August 2015	Workshop	National Institute of Technology Raipur
14.	Testing Methods in Civil Engineering Construction	16 <sup>th</sup> Nov. 2015	20 <sup>th</sup> Nov. 2015	Training Programme	National Institute of Technology Raipur under TEQIP-II

#### Conference / Seminar / Workshop Participated

S. No.	Title / Name	Period		National / International	Organized by
		From	To		
1.	Construction Management for Sustainable Infrastructure Development <b>CMSID-99</b>	3 <sup>rd</sup> April 1999	4 <sup>th</sup> April 1999	National level	Indian Concrete Institute at Gwalior
2.	Infrastructure Scenario in the Twenty first Century.	4 <sup>th</sup> October 2000	5 <sup>th</sup> October 2000	All India Seminar	Institution of Engineers (I) Lucknow
3.	New Horizons in Civil Engineering Practices for the Millennium-2000	7 <sup>th</sup> Dec. 2000	8 <sup>th</sup> Dec. 2000	National Conference	A. M. A. College of Engg. Kanchipuram
4.	International Conference on Civil Engineering-2001	23 <sup>rd</sup> July 2001	24 <sup>th</sup> July 2001	International Conference	Indian Institute of Science, Bangalore
5.	Structural Engineering Convention-2001	5 <sup>th</sup> October 2001	7 <sup>th</sup> October 2001	An International Meet	Indian Institute of Technology Roorkee
6.	Issues Pertaining to the Development of New State and the Capital of Chhattisgarh	26 <sup>th</sup> April 2003	27 <sup>th</sup> April 2003	National Conference	Institution of Engineers and G. E. C. Raipur
7.	Canada India Institute –Industry Linkage Project “ <b>SHOWCASE 2004</b> ”	8 <sup>th</sup> October 2004		National	<b>CIILP</b> at National Inst. of Oceanography Goa India
8.	<b>Project Management</b>	5 <sup>th</sup> Jan. 2006	7 <sup>th</sup> Jan. 2006	National	IIM Ahmedabad & CHIPS Raipur
9.	Emerging Trends In Civil Engineering For Infrastructure Development “ ETC-ID 2008	15 <sup>th</sup> Feb. 2008	16 <sup>th</sup> Feb. 2008	National Conference	National Institute of Technology Raipur
10.	TATA TISCON 500 Technical Meet. (PAPL: LAUNCHMEET Tuesday, July 15, 2008)	23 <sup>rd</sup> July 2008		Regional Seminar	M/S Tata Steel at hotel Golden Tulip Raipur
11.	Invited Guest in HOLCIM AWARD CEREMONY for Asia Pacific Region This award is given for the works in the field of sustainable development.	27 <sup>th</sup> November 2008		International Award Ceremony	M/S HOLCIM at India Habitat Centre New Delhi
12.	National Seminar on “ <b>FUTURE OF URBANIZATION</b> ”	27 <sup>th</sup> July 2010	28 <sup>th</sup> July 2010	National Seminar	National Institute of Technology Raipur
13.	Workshop on “ <b>Integrated Storm Water Management</b> ” in Raipur	31 <sup>st</sup> Oct. 2010		State level	Municipal Corporation Raipur (C.G.) and GTZ
14.	Future Dialogue Conference on SUSTAINABLE CITIES Mastering the Challenges and Opportunities of Rapid Urbanisation	24 <sup>th</sup> September 2011	--	International Conference (Invited Participant)	Max Plank Society and Siemens in Cooperation with Economist Conferences Germany
15.	International Conference of <b>Advances in Materials and Techniques for Infrastructure Development (AMTID 2011)</b>	28 <sup>th</sup> September 2011	30 <sup>th</sup> September 2011	International Conference	National Institute of Technology Calicut, 673601 Kerala (India)
16.	<b>Integrated Development of Towns as Growth Centers</b>	15 <sup>th</sup> Oct. 2011	16 <sup>th</sup> Oct. 2011	National Seminar	IEI (India) C G State Center Raipur and N I T Raipur
17.	44 <sup>th</sup> Annual Convention of <b>Indian Water Works Association</b> at Raipur	7 <sup>th</sup> Jan. 2012	9 <sup>th</sup> Jan. 2012	National Convention	Indian Water Works Association
18.	Capacity Building of Civil Engineers	27 <sup>th</sup> July 2013			Govt of Chhattisgarh Public Works Deptt.
19.	Capacity Building of Civil Engineers	28 <sup>th</sup> July 2013			Govt of Chhattisgarh Public Works Deptt.
20.	International Conference on Emerging Trends in Engineering and Technology ICETET 2013 at Phuket	7 <sup>th</sup> Dec 2013	8 <sup>th</sup> Dec 2013	International Conference	International Institute of Engineers.
21.	International Conference on Chemical, Biological and Environment Sciences (ICCBES 2014) at Pattaya (Thailand)	15 December 2014	16 December 2014	International Conference	Planetary Scientific Research Centre
22.	Workshop on “Bridge cum Bandhara Systems	16 <sup>th</sup> April 2015	17 <sup>th</sup> April 2015		V.N.I.T.Nagpur ponsored by NRRDA New Delhi
23.	4 <sup>th</sup> International Conference on Advances in Engineering Sciences and Applied Mathematics (ICAESAM 2015)	8 <sup>th</sup> Dec 2015	9 <sup>th</sup> Dec 2015	International Conference	International Institute of Engineers Kuala Lumpur (Malesiya)



24.	International Conference on G Green Buildings, Civil and Architectural Engineering (ICGBCAE 2016).	09 October 2016	10 October 2016	International Conference	Universal Researchers in Science and Technology Dubai (UAE)
25.	5th International Conference on Chemical, Materials, Mining and Manufacturing Engineering (CM3E-17-Bali)	10 October 2017	11 October 2017	International Conference	October 10-11, 2017 Bali (Indonesia)

### 15. Summer / Winter Schools / Training / Continuing Programme Attended

S. No.	Title / Name of course	Period		Name of Sponsorer
		From	To	
1.	Summer School on " Analysis and Design of Transmission Line Towers" (2 weeks)	21 <sup>st</sup> May 1990	3 <sup>rd</sup> June 1990	Indian Society for Tech. Education at College of Engineering Madras (Anna University)
2.	Summer School on " Product Development " (2 weeks)	2 <sup>nd</sup> June 1992	15 <sup>th</sup> June 1992.	Q.I.P. at Indian Institute of Technology New Delhi
3.	Summer School on "Foundation for Coastal and Off shore Structures" (2 weeks)	17 <sup>th</sup> May 1993	28 <sup>th</sup> May 1993.	Indian Society for Technical Education at R. E. C. Calicut
4.	One month Training Programme on "Remote Sensing Application in Town and Country Planning" (4 weeks)	19 <sup>th</sup> Feb. 1995	15 <sup>th</sup> March 1995.	Indian Institute of Remote Sensing Dehradun
5.	Summer School on "Traffic Operation Control and Management in Urban Centers.(2 weeks)	5 <sup>th</sup> June 1995	17 <sup>th</sup> June 1995	Indian Society for Technical Education at R. E. C. Surat
6.	Winter School on " High Rise Structures" (2 weeks)	23 <sup>rd</sup> Dec. 1996	3 <sup>rd</sup> January 1997	A.I.C.T.E. at Indian Institute of Technology Kharagpur.
7.	Short Term Course on " Information Technology and Networking" .(2 weeks)	22 <sup>nd</sup> Sep. 1997	6 <sup>th</sup> October 1997	Indian Society for Tech. Education at Government Engg. College Raipur
8.	Short Term Course on "Experimental Geotechnics" (2 weeks)	15 <sup>th</sup> June 1998	26 <sup>th</sup> June 1998.	Q.I.P. at Indian Institute of Technology Bombay
9.	Refresher Course on "Project Planning and Preparation" (2 weeks)	6 <sup>th</sup> Dec.ember 1999	15 <sup>th</sup> December 1999	CPHEEO, Ministry of Urban Affairs and Employment New Delhi at S.G.S.I.T.S. Indore.
10.	"Development of staff Competency Profile for Staff Development Managers". (2 Days)	5 <sup>th</sup> Nov 2001	7 <sup>th</sup> Nov 2001	C.I.I.I.L.P. at S. V. Polytechnic Bhopal.
11.	"On Line Learning".(1 weeks)	29 <sup>th</sup> April 2002	03 <sup>th</sup> April-2002	Technical Teachers Training Institute Bhopal
12.	Training for "Out Reach Programme" ".(1 weeks)	16 <sup>th</sup> Feb. 2004	20 <sup>th</sup> Feb. 2004	Govt. of Chhattisgarh at Indian Institute of Technology Kanpur
13.	One Semester Programme on "Earthquake Engineering" ( 5 month long).	August 2004.	December 2004	NPEEE, MHRD, Govt. of India at Indian Institute of Science Banglore,
14.	Training Program on "Cash & Accounts Management" (2 Days) ( NITRR/Training /2007/2051 Raipur dated 28-4-2007)	10 <sup>th</sup> May 2007.	12 <sup>th</sup> May 2007	Organized by- Institute of Socio Economic Research & Action – New Delhi-64 at hotel The Connaught.

### 16. Development of New Courses / Laboratories:

#### New Courses

- 1). DACUM, Task Analysis and Training Standards for "**Commissioning and Maintenance of Transformers**". Facilitator for Ministry of Human Resource Development New Delhi under Canada India Institute Industry Linkage Project, August 2003.
- 2). DACUM, Task Analysis and Training Standards for "**Chemical Process Operator**". For Ministry of Human Resource Development New Delhi under Canada India Institute Industry Linkage Project, June-July 2003.
- 3). DACUM, Task Analysis and Training Standards for "**Civil Engineering Building Supervisor**". For Ministry of Human Resource Development New Delhi under Canada India Institute Industry Linkage Project, July 2003

#### Laboratories

- 1). Established, Computer Laboratories at Government, Engineering College Jabalpur and Raipur.
- 2). Modernization of Concrete and Structural Engineering Laboratories at Government, Engineering College Jabalpur and Raipur.
- 3). Upgradation of Concrete, Structural, Environmental, Surveying, Hydraulics and Geotechnical, Engineering Laboratories at National Institute of Technology Raipur.

#### 17. Government Industry Partnership Program

During the tenure as Deputy Secretary to Government of Chhattisgarh; Instrumental in starting **Government Industry Partnership Program** in state. In the first step **I.T.I. Bhansi** (in Baster Region) has been handed over to **M/s Esar Steels** to start new regular/ vocational courses as per demand of the regional steel and mining industries.

#### 18. Service Rules and Departmental Setup

Following service rules had been framed during the tenure as Deputy Secretary to Government of Chhattisgarh.

1. Chhattisgarh Technical Education (Gazetted) Service (Teaching Cadre-Polytechnic) Recruitment Rules 2005.
2. Chhattisgarh Technical Education (Gazetted) Service (Teaching Cadre - Engineering Colleges) Recruitment Rules 2005.
3. Chhattisgarh Technical Education Service (Non Gazetted Class-III) (Technical Cadre- Engineering Colleges and Polytechnic) Recruitment Rules 2005.
4. Chhattisgarh Technical Education Service (Non Gazetted Class-III) (Non-Technical Cadre- Engineering Colleges and Polytechnic) Recruitment Rules 2005.

Instrumental for preparation and sanction of the following Departmental setups

1. Departmental Setup for Directorate of Technical Education Raipur
2. Setup for Engineering colleges and Polytechnics.

#### 19. Key Note Address and Expert / Invited Lecturer Delivered

S. No.	Lecture Topic	Organized by	Sponsored by	Duration / Date
1.	Lecture on " <b>Design of Flexible Pavements</b> "	Training Program and Workshop for A.E.s and J.E.s of State Implementing Agencies by G.E.C. Raipur.	State Technical Agency PMGSY	7-7-2004 to 9-7-2004
2.	Expert lectures on " <b>Basics of Earthquake Engineering</b> "	Invited Lecturer by GMR Inst. of Tech. Rajam (A.P.)	GMR Inst. of Technology Rajam (A.P.)	29 <sup>th</sup> Dec. 2007
3.	Key Note Address on " <b>Finite Element Techniques</b> "	Innovations in Science & Technology towards Industrial Developments by R.C.E.T. Bhilai (Durg)	R.C.E.T. Bhilai (Durg)	4-5 January 2008
4.	Key Note Address on " <b>Ground Improvement &amp; Earthquake Mitigation Techniques</b> "	Technological Advances in Civil Engineering: BITCON 2008 by Bhilai Institute of Technology Durg ( BIT/2008 Dated 20-10-08)	Bhilai Institute of Technology Durg	7-8 Nov. 2008
5.	Expert lecture on " <b>Ground Improvement Techniques</b> " (under "Urban Earthquake Vulnerability Reduction Project")	Earthquake Resistant. Construction Technology for civil Engineers by Jabalpur Engineering College Jabalpur	Government of India under Urban Vulnerability Reduction Project of UNDP	23-25 October 2008
6.	Expert lecture on " <b>Seismic Hazard Analysis</b> " (under "Urban Earthquake Vulnerability Reduction Project")	Earthquake Resistant. Construction Technology for civil Engineers by Jabalpur Engineering College Jabalpur	Government of India under UVRP of UNDP	23-25 October 2008
7.	Expert lecture on " <b>Ground Improvement Techniques</b> " (under "Urban Earthquake Vulnerability Reduction Project")	Earthquake Resistant. Construction Technology for civil Engineers by Jabalpur Engineering College Jabalpur	Government of India	27-31 July 2009
8.	Expert lecture on " <b>Seismic Hazard Analysis</b> " (under "Urban Earthquake Vulnerability Reduction Project")	Earthquake Resistant. Construction Technology for civil Engineers by Jabalpur Engineering College Jabalpur	Government of India	27-31 July 2009

9.	Expert Lectures “ <b>On Pavements &amp; overlays- Design Construction and Maintenance</b> ” (No 1470 dated 2-8-8)	Training Program for Graduate Engineer of state P.W.D. by C.G. State Rural Dev. Institute (Nimora) from 4-9 August 2009.	Government of Chhattisgarh	06 <sup>th</sup> August 2009
10.	Expert lecture on “Earthquake Hazards and Mitigations”	Disaster Management Training Programme by Administrative Academy Raipur	Government of Chhattisgarh	05-January 2010
11.	Expert lectures on “ <b>Basics of Earthquake Engineering</b> ” (3-3-2010)	National Program for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM) for Practicing Engineers at N.I.T. Raipur	National Inst. of Disaster Manag., Ministry of Home Affairs NewDelhi	3 <sup>rd</sup> – 7 <sup>th</sup> March 2010
12.	Expert Lectures “ <b>Design of Flexible and Rigid Pavements with reference to PMGSY guidelines</b> ” (22-10-10)	Training Program for Executive, Assistant and Sub Engineers of state R.E.S. by C.G. State Rural Development Institute (Nimora)(No.10163: 13-10-2010)	Government of Chhattisgarh	18 <sup>th</sup> – 22 <sup>nd</sup> October 2010
13.	Key note address on <b>Best practices of Flexible pavement Construction</b>	Seminar for The road construction site supervisors of the Chhattisgarh Region	Hindustan Petroleum Corporation Ltd.	18 <sup>th</sup> November 2010
14.	Expert Lectures “ <b>Design of Flexible and Rigid Pavements with reference to PMGSY guidelines</b> ”	Training Program for Assistant Engineer and Sub Engineer posted under PMGSY from 30-11-10 to 04-12-10 at C.G. State Rural Development Institute (Nimora)	Government of Chhattisgarh	05 <sup>th</sup> December 2010
15.	Key note address on <b>Best practices of Flexible pavement Construction</b>	Seminar for The road construction site supervisors of the Chhattisgarh Region	Hindustan Petroleum Corporation Ltd.	18 <sup>th</sup> November 2010
16.	Expert Lectures “ <b>Design of Flexible and Rigid Pavements with reference to PMGSY guidelines</b> ”	Training Program for Assistant Engineer and Sub Engineer posted under PMGSY from 30-11-10 to 04-12-10 at C.G. State Rural Development Institute (Nimora)	Government of Chhattisgarh	05 <sup>th</sup> December 2010
17.	Key note address on “ <b>Industry Institute Interaction</b> ”	National Conference URVA TECH on “ <b>Industry Institute Interaction for Emerging Technologies</b> ”.	SSITM Junwani Bhilai (Chhattisgarh)	17 <sup>th</sup> March 2011
18.	Key note address on” <b>Structural Behaviour of Plate Elements</b> ”.	Workshop on “ <b>Structural Behaviour and Design</b> ” for Structural Engineers.	Bhilai Institute of Technology Bhilai	15 <sup>th</sup> Dec. 2011
19.	Expert Lecture on “ <b>Reinforcement Detailing of Concrete Structures – I</b> ” (No 4246 / Estt /12 Kanker Dated 17-912)	Training Program for Departmental Engineers under <b>Capacity Building of All Engineers</b> by Chhattisgarh Public Works Department. At Kanker.	Government of Chhattisgarh	22-09-12
20.	Expert Lecture on “ <b>Reinforcement Detailing of Concrete Structures – II</b> ” (No 4246 / Estt /12 Kanker Dated 17-912)	Training Program for Departmental Engineers under <b>Capacity Building of All Engineers</b> by Chhattisgarh Public Works Department. At Kanker.	Government of Chhattisgarh	22-09-12
21.	Expert Lecture on “ <b>Design and Construction of Concrete Roads in Rural Areas.</b> (No 6745 Raipur Dated 03-12-12 from o/o Development Commissioner)	One Day Workshop for <b>Mukhya Mantri Gram Gaurav Path Yojna</b>	Government of Chhattisgarh	06-12-12
22.	Expert Lecture on “ <b>Reinforcement Detailing of Concrete Structures</b> ” (No 2257 / Estt / Raipur Dated 24-07--2013)	Training Program for Departmental Engineers under <b>Capacity Building of All Engineers</b> by Chhattisgarh Public Works Department. At Raipur.	Government of Chhattisgarh	26-07-13
23.	Expert Lecture on “ <b>Design of Various Components of Structures</b> ” (No 2262 / Estt / Raipur Dated 24-07--2013)	Training Program for Departmental Engineers under <b>Capacity Building of All Engineers</b> by Chhattisgarh Public Works Department. At Raipur.	Government of Chhattisgarh	27-07-13
24.	Expert Lecture on “ <b>Basics of Earthquake Engineering</b> ” (No 499 / / Bilaspur Dated 19-02--2015)	Training Program on “ Earthquake Resistant Construction Techniques and Safe Construction Practices” under Capacity Building. at Govt Engineering	Revenue and Disaster Management Department. Govt	09-03-2015

		College Bilaspur	of Chhattisgarh	
25.	Expert Lecture on <b>“Introduction of various IS code provision for Earthquake Resistance Construction”</b> (No 499 / / Bilaspur Dated 19-02--2015)	Training Program on “ Earthquake Resistant Construction Techniques and Safe Construction Practices” under Capacity Building. at Govt Engineering College Bilaspur	Revenue and Disaster Management Department. Govt of Chhattisgarh	09-03-2015
26.	Expert Lecture on “Finite Element Analysis of Plate Bending Using Higher Order Shear Deformation Theory	Gujarat Technological University Ahmadabad-382424 (Gujarat)	G. T. U. Ahmadabad-(Gujarat)	6 <sup>th</sup> April 2015
27.	Key Note Address on “State of Art construction Practices in Concrete Road Construction” in BITCON 2016	Bhilai Institute of Technology Durg (C.G.)	B I T DURG Chhattisgarh	29-01-2016
28.	Key Note address on State of Art Practices for Construction Concrete Pavements and Laboratory and Field Tests.	One week workshop on Testing Methods in Civil Engineering Construction organized by National Institute of Tech. Raipur.	TEQIP-II	16 <sup>th</sup> to 20 <sup>th</sup> Nov. 2015

## 20. Editor / Reviewer of the Journals

1. Editor for **C.S.V.T.U. Research Journal.**
2. Reviewer of **C.S.V.T.U. Research Journal.**
3. **Member of Editorial Team** for Journal of Civil Engineering and Construction Technology.

## 21. Administrative Responsibilities at National Institute of Technology Raipur

1. **Head of the Department**, Civil Engineering. [No NITRR/DIR/CIRCULAR/S-1/2009/341 Raipur Dated 19-08-2009]
2. **Controller of Examinations** (From 2008), N. I. T. Raipur. [No./ NITRR/S-62008/2557 Raipur, dated 25-08-08 and No./ NITRR /S-1/ 2008/3933 Raipur, dated 19-12-2008]
3. **Training and Placement Officer** of N. I. T. Raipur in 2007. [No. 3120/ NITRR /Estt. Gaz/2007 Raipur, dated 09-07-07 and Letter No. 3120 /NITRR /Estt. Gaz/2007 Raipur Dated 9-7-2007]
4. **Drawing and Disbursing Officer** (with Dr S. S. Gokhale)
5. **Deputy Controller Examinations** (No. 3330 / Exam. Cell /July 2008 Raipur Dated 04-07-2008)
6. **In charge Registrar** N.I.T. Raipur (No. NITRR/R-1/2010/470 Raipur dated 29-5-10).
7. **Hostel Warden** (Hostel No.8) at Government Engineering College Jabalpur 1993-1994 ( No.119/Steno/94 Jabalpur dated 23 Dec 94)
8. **Deputed** for T. Course Counseling at Govt. Engineering College Jabalpur (28-9-97 to 30-9-97) (No.3805 Jabalpur dated 39-9-97)
9. **Member**, Teacher Guardian Scheme for ST / ST Students (No. 980 / Estt. / 97 Raipur Dated 14-02-97)
10. **Engaged** Extensive Coaching Classes for ST and Sc Students. (No. 3822/SC/ST/97 Raipur 31-5-97) (Page No 172)
11. **Water Supply Incharge**, at Government Engineering Raipur form January 2003 to May 2005 (No. 5196 /Time Keeper/2003 Raipur Dated 16-1-2003)
12. **Survey Camp** for Fifth Semester Students at Forest of Kanker Division from 1-2-2003 to 7-2-2003 (No.5525 / S-1 /2003 Raipur 30-1-03)
13. **Member, Committee** to finalize the M. Tech. Applied Geology admission for 2003-2004 session. (No. 2274 Raipur dated 10-7-03)
14. **Member, Committee for Computer arrangements** for state level counseling for admission to B.E. first semester in state engineering colleges (No.2995 / S-F /2003 Raipur dated 21-8-2003)
15. **Member, Building Construction and Maintenance Committee** of Government Engineering College Raipur (No. 4124 / S-F / 2003 Raipur Dated 22-10-2003)
16. **Member**, Sate Technical Agency, for Pradhan Mantri Gram Sadak Yojana. Evaluated more than two hundred Detailed Project Reports for Durg and Kanker District of Chhattisgarh (from 2006 to 2008).
17. **Central Superintendent** at N.I.T. Raipur for Pt. Ravishankar Shukla University's Examinations. (No. NITRR/Estt. Gaz. /2007/1170 Raipur, dated 19-03-07) (Page No 188)
18. **Member** unfair means committee for examinations of N. I. T. Raipur. ( No. 2782/Exam cell/07 Raipur, dated 12-06-07 )



19. **Member** Tender Committee. (No. 3137 / Estt. Gaz/ NITRR /2007 Raipur dated 09-07-07 )
20. **Member** Anti Ragging Committee of N. I. T. Raipur. ( No. 3065/NITRR/Anti Ragging / 2007, Raipur dated 04-07-07 )
21. **Member**, N.I.T. Campus Construction and Maintenance Committee. (No. NITRR /H.C. / 2007 / 3114 Raipur, dated 09-07-07 )
22. **Member** Committee for rule formation for sliding of branches at N. I. T. Raipur. ( No. slid/mdv/ 4180 dated 10-07-07 )
23. **Member** Disciplinary Committee at N. I. T. Raipur. (No. NITRR /S-1/2007/3674 Raipur dated 13-08-07)
24. **Member**, Campus Development Committee of N. I. T. Raipur (No. /NITRR/S-6/2007/4292 Raipur Dated 17-09-2007).
25. **Member**, Training and Placement cell of N. I. T. Raipur (No. /NITRR/S-6/2007/4292 Raipur Dated 17-09-2007).
26. **Officer In Charge** in Writ Petition No 5242 / 07 at Honorable High Court of Chhattisgarh Bilaspur. (No. NITRR/Estt-Gaz /2007 / 4789 Raipur, dated 8-10-2207)
27. **Member**, Review Committee for compassionate appointments of N. I. T. Raipur. (NITRR/Estt-Gaz /2007 Raipur dated 10-11-07.)
28. **Member**, Committee to settle the GPF/DFP/CPF cases of Employees as per prevailing norms at NIT Rourkela (No. NITRR/Estt-Gaz /2007 / 5616 Raipur, dated 21-11-2007)
29. **Member**, Committee to fix the liability and the maintenance expenditure against the claim no102/06 of Motor Vehicle Accident Claim Authority Durg (No. NITRR/Registrar-2/ Court//2008/ 6478 Raipur, dated 17-1-2008)
30. **Committee Head** for “**Annual Day’s Function 2008** “for venue and stage committee. (No. Nil Raipur, dated 20-02-08)
31. **Officer In Charge** for regular appointment of grade **C employees** and contract appointment of Lecturers for session 2008-2009. (No. /1049/steno-F/2008 Raipur Dated 28-05-2008)
32. **Member** Right to information Committee, N.I.T. Raipur. ( No./ NITRR/S- /2008/2557 Raipur, dated 25-08-08 )
33. Arranged the End semester examination successfully in Hostel because of adverse. Condition aroused due District Administration takes the possession of main building. (No. NITRR/ R-1 /2008/3515 Raipur, dated 06-11-08 )
34. **Member**, for the committee constituted for checking the various works submitted by M/s NBCC Ltd New Delhi for N.I.T. Raipur. (No. 3540/NITRR/CC/Registrar/2009 Raipur, dated 8-11-08)
35. **Member**, Enquiry Committee for state office. (No. 3869/NITRR/S-/Order /2008 Raipur, dated 13-12-08 )
36. Professor In charge Computer Lab of Civil Engineering.
37. Professor In charge Gardens and Water Supply.
38. **Member**, Department Admission Committee Civil Engineering.
39. **Member** in R & D Committee from Civil Engineering Department.
40. **Member**, Building Works Committee of N. I. T. Raipur. (No. DP & D/2009 Raipur, Dated 27-11-09 )
41. **Member**, for the committee constituted for deciding the faculty requirement at N. I. T. Raipur (No. NITRR/ S-1/2009/4184 Raipur, dated 09-01-2009).
42. **Committee Head** for “**ELECTIKA 2009** “for venue and stage committee. (No. NITRR/CC/2009/4891 Raipur, dated 14-03-09)
43. **Committee Head** for “**ELECTIKA 2010** “for venue and stage committee. (No. DSW/195/MKV/CIVIL/2010 Raipur, dated 05-03-10)
44. **Member**, for the committee constituted for Evaluation of Master Plan of New Campus for N.I.T. Raipur (No. NITRR /R-1 /1010/5 Raipur, dated 1-04-2010).
45. **Member**, for the committee constituted Scrutiny of application for the post of Assistant professor at N.I.T. Raipur (No. 184/Dean (R & C)/10 Raipur, dated 10-05-2010).
46. **Member**, Doctorate Guidance Committee Mechanical Engg. N.I.T. Raipur ( No./NITRR / Mech. /100 Date 09-07-10)
47. **Committee Head** for Printing of Degrees & degree folders and other related works for the “**First Convocation of N.I.T. Raipur**” held for three batches. (No./DIR/CONVOCATION/2010/623 Raipur Dated 21-7-2010)

48. **Member**, for the committee constituted for resolving the matter of various inoperative Bank Accounts (No. NITRR/R-1/2010/3486 Raipur, dated 23-12-10)
49. **Chairman**, D.R.C. Civil Engineering
50. **Vice President**, Faculty Association of National Institute of Technology Raipur.

## 22. Others Assignments

4. Observer for M.P. P.E.T/P.M.T.
5. Valuation Officer for Chhattisgarh P.E.T. and P.M.T -2002.
6. Paper Setter for Various Universities.
7. Assistant Valuation Officer for Central Valuation R.S.U.Raipur.
8. Member, Counselling Committee for admissions to Engineering Colleges.
9. Member, Department Admission Committee Civil Engineering.
10. Professor In charge Gardens and Water Supply.
11. Examination Invigilation for R S U and Other Examinations.
12. Recognised **Applied DACUM Facilitator** by Canada India Institute-Industry Linkage Project and MHRD New Delhi.
13. Reseach Project Evaluator for Chhattisgarh Council of Science and Technology. (No 494/CGOST Dated 07-06-2007 and No 1404/CGOST Dated 28-02-2008).
14. Team Leader for BALCO Chimney ( 275 m high) Collapse Investigation.

## 23. Membership of Professional Bodies

01. **Fellow** Member, Institution of Engineers (India) (**F-116055-5**)
02. **Life Fellow**, Indian Geotechnical Society (**LF-0464**)
03. Life Member, Indian Society for Technical Education. (**LM-16694**)
04. **Life Member, Indian Road Congress (LM-37538)**
05. **Life Member, Indian Concrete Institute (ICI) (LM-9921)**

## 25. Association with other Universities/ State/ National/ International Bodies

1. **Coordinator**, State Technical Agency for Pradhan Mantri Gram Sadak Yojana. [No 367/Steno-1/PMGSY/2009 Raipur Dated 03-11-2009). (Page No 212)
2. **Expert Member** for recruitment of various positions for **C.S.V. Technical University Bhilai**.
  - a) **Principal** at Chhatrapati Shivaji Institute of Technology Durg (No CSVTU/Interviews/2008/257 Dated 01-02-08)
  - b) **Faculty Members** at M.M. College of Technology Raipur (No CSVTU/Interviews/2008/310 Dated 06-02-08))
  - c) **Faculty Members** at Chhattisgarh Institute of Technology Rajnandgaon (No CSVTU/Interviews/2008/711 Dated 26-03-08)
  - d) **Faculty Members** at Chhattisgarh Institute of Technology Rajnandgaon (No CSVTU/Interviews/2009/1975 Dated 01-09-09))
3. **Advisor** for Interview board of **Staff Selection Commission (Madhya Pradesh Region)**:
  - a) For Recruitment of Junior Engineer Civil in 2004. (D.O.No.-3/3/2004-Exam(MP)/21 Date 7-1-5)
  - b) For Recruitment of Junior Engineer Civil in 2008. (F.No. 3/10/2007-Exam(MRP) /07 Dated 4-2-2009)
  - c) For Recruitment of Junior Engineers (Civil) in 209. (No. 03/6/2008- Exam (MRP) / 4 dated 17-02-10).
4. **Member** of selection committee / interview Board for:
  - a) Contract Lecturer Mathematics (3 years term) for engineering colleges and polytechnics of Chhattisgarh State (No.6055/Contract/TPO/2004 Raipur dated 13-02-2004)
  - b) Contract lecturer, Applied Mechanics N.I.T. Raipur. (NITRR/ Recruitment / 2007/4171 Raipur, dated 08-09-07).
  - c) Lecturers (Civil) on contract basis at N. I. T. Raipur (No. /NITRR/Recruitment /S-42/2007/ 4201 Raipur Dated 11-09-2007).
  - d) Lecturers (Chemistry) on contract basis at N. I. T. Raipur (No. /NITRR/Recruitment /S-79/2008/ 265 Raipur Dated 02-07-2008).
  - e) Contract appointments of Stenographer, Office Assistants and Data Entry Operators N. I. T. Raipur (No. /NITRR/Ordes /S-1/2009/ 16 Raipur Dated 01-04-2009).
  - f) Recruitment of Executive Engineer at N. I. T. Raipur (No. /NITRR/Recruitment /S-79/2008/ 265 Raipur Dated 02-07-2010).
  - g) Senior Laboratory Assistant at N. I. T. Raipur (No. /NITRR/Estt-Gaz/2010/ 1038 Raipur Dated 06-07-2010).

5. **Chairman** of selection Committee for:
  - a) Contract lecturer in Civil Engineering at N.I.T. Raipur (2009.)
  - b) Contract lecturer in Civil Engineering at N.I.T. Raipur (2010).
  - c) Technical Assistant (Civil) (Contract appointment) at N.I.T. Raipur (2010).(No NITRR/R-1/2010/1888 Raipur dated 8-9-10)
6. **Subject Expert** for:
  - a) Selection of Junior Engineers & Assistant Engineers (Civil), Chhattisgarh Electricity Board Raipur 2008.
  - b) Selection of Junior Engineers & Assistant Engineers (Civil), Chhattisgarh Electricity Board Raipur 2010 on 22-12-2010. (No. 01-02/HR-VIII/1385 Raipur Dated 16-12-10)
7. **Expert Member** for recruitment of Assistant Professor (Agril. Structure & Process Engineering) at **Indira Gandhi Agriculture University Raipur** (No. Estt. -1/127/2004/134 Raipur Dated 29-05-2004)
8. **Expert Member** for recruitment of **Assistant Directors and Assistant Engineers** by **Chhattisgarh Public Service Commission Raipur**. [No. 202 Raipur Dated 18-07-2005]
9. **Member**, Editorial Board C.S.V.T.U. Research Journal (CSVTU/Journal/06/1090 Date 14-9-2006)
10. **Member**, Evaluation Committee Chhattisgarh Council of Science and Technology (No 494/CCOST dated 7-6-2007 and No 1048/CCOST dated 3-12-2007)
11. **Member**, Board of Studies C.S.V.T.U. Bilai. (No CSVTU/Acad/07/143 date 07-02-2007)
12. **Member**, Examination Committee, C.S.V.T.U. Bilai. (No. CSVTU/Exam/2007-08/1153 Bilai dated 22-08-07)
13. **Member**, Research Progress Review Committee in the Civil Engineering Discipline of C.S.V. Technical University Bilai. (CSVTU/Ph.D./2010/2431 Bilai Dated 13-10-2010)
14. **Member**, Committee for Technical Examination of Tender for Recreation Park of **Raipur Development Authority** (No 125/C-2009/13/D.A./ Raipur Dated 5-3-10).
15. **Member**, Board of Studies R.G.P.V. Bhopal for Engineering College Jabalpur. (No./Steno/2010 Jabalpur dated 18-8-2010)
16. **Member**, Building Works Committee of Pandit Ravishankar Shukla University Raipur (No 124/Registrar/2010 Raipur dated 27-07-2010)
17. **Member, State level permanent committee of PMGSY** (No. 181/4493/RC-9 Raipur 06-01-2011 from Additional Secretary, Panchayat and Rural Development Department, Government of Chhattisgarh)

## 26. Other informations

1. Recognized **Applied DACUM Facilitator** by Canada India Institute-Industry Linkage Project and MHRD New Delhi.
2. Team Leader for **BALCO Chimney ( 275 m high) Collapse Investigation**.
3. Earlier Selections:
  1. Engineer SC (BHABHA RESEARCH CENTRE BOMBAY), Government of India Department of Atomic Energy, Construction & Services Group. (No C& SG/A/2/6/3944 Date July 18, 1989. **PRINCIPAL** Government Polytechnic M.P. by M. P. Public Service Commission Indore in **2006**.)

## 27. Testing and Consultancy

Actively engaged in the Testing and Consultancy work for the Institution. Structural Consultant for more than **130** projects and generated more 100.00 Lacs Rupees.

S. No	Client	Details of the Consultancy Projects	Period In months	Consultancy Amount Rs. (In lacs)	out come
1.	Executive Engineer, Civil, C.P.W.D. Jabalpur	Load Testing of <b>Indian Grain Storage Institute Building</b> at Adhartal Jabalpur (MP)	Six	00.40	Load Testing & Certification
2.	Executive Engineer, Civil Wing, D.O.T. Jabalpur	Load Testing of Beams at C.T.O. Building Jabalpur (M.P.).	One	00.12	Load Testing & Certification
3.	Secretary, K.U.M., Nawapara (Rajim)	Construction of Retaining Wall at Krashhi Upaj Mandi Nawapara (Rajim).	One	00.05	Design and Drawings
4.	Secretary, K.U.M., Nawapara (Rajim)	Construction of Overhead Water Tank at Krashhi Upaj Mandi Nawapara (Rajim).	One	00.05	Design and Drawings
5.	Manager, M.P.W.H.C. Dhamtari	Checking of foundation Design of Ware Housing Corp. Shed at Dhamtari. (CG)	One	00.10	Design and Drawings
6.	Executive Engineer, P.W.D. (B & R) Division Raigarh, Raigarh (C.G)	Upgradation of 100 Bedded to 300 Bedded Hospital Building at Raigarh phase-I (C.G.). (C. No. 198292 Dt 24-2-01) (P. No. 257)	Six	00.60	Design and Drawings
7.	Executive Engineer, P.W.D. (B & R)	Upgradation of Komal Dev Hospital Building at	Six	00.72	Design and

	Div.- Kanker, Kanker (C.G.)	Kanker phase-I (C.G.) (C. No. 22771 Dt. 8-4-01) (P. No. 258)			Drawings
8.	Executive Engineer, P.W.D. (B & R) Division Bemetra (C.G.)	Upgradation of P.H.C. Building at Berla (C.G.) (C. No. C 090408 Dt. 30-10-01 & C. No. C 09587 Dt. 9-7-02) (P. No.)	Six	00.345	Design and Drawings
9.	Executive Engineer, P.W.D. (B & R) Div. Korba (C.G.)	Jila Panchayat Building at Korba (C.G.) (C. No. B 040671 Dt. 24-12-01) (P. No. 255)	Six	00.313	Design and Drawings
10.	Upper Managing Director, C. G. State Industrial Corporation Raipur (C.G.)	Construction of Cement Concrete Road in Industrial Area from Sarora to Bana. (C. No. 906990 Dt. 8-11-01) (P. No. 277)	Six	00.7025	Design and Drawings
11.	Executive Engineer, P.W.D. (B & R) Div. Mahasamund (C.G.)	Construction of 100 Bedded Hospital at Saraipali (Mahasamund) (C.No. C 033055 Dt. 20-8-2001)	Twelve	2.125	Design and Drawings
12.	University Engineer Pt. R.S.V. Raipur (C.G.)	Construction of Central Valuation Building at Pt. R. S. Vishwavidhyalaya Raipur (C.G.) (C.No. 904525 Dt. 2-3-2002)	Six	00.7625	Design and Drawings
13.	Executive Engineer, P.W.D. (B & R) Division- Durg, (C. G.)	Construction of Central Semen Centre Building at Anjora District Durg (C.G.) (C. No. C 062865 Dt. 6-2-2002) (P. No. 299)	Six	00.5307	Design and Drawings
14.	Executive Engineer, P.W.D. (B & R) Division- Khairagah	Upgradation of P.H.C. to 30 Bedded Hospital Building at Churia (C.G.) (C.No. 004357 Dt. 6-2-2 & C.No.718981 Dt. 17-05-02) (p. No. 300)	Three	00.438	Design and Drawings
15.	Sub-Divisional Officer, P.W.D. (B & R) Sub. Div-1 Durg	Construction of Hospital Building at Arjunda District Durg (C.G.) (C. No. 070923, Dt. 24-10-2002) (P. No. )	Three	00.50	Design and Drawings
16.	Executive Engineer, P.W.D. (B & R) Div.-1 Raipur, (C.G.)	Design of Entrance Porch for D.K.S. Mantralaya Building Raipur.	One	00.05	Design and Drawings
17.	M/S K. K. Bhardwaj, Contractor, Arang (C.G.)	Construction of 40 KL Overhead Water Tank 10.00 mts staging at Village Demar Distt Durg (C.G.). (Cash, Dt. 29-7-02).	One	00.05	Design and Drawings
18.	M/S K. K. Bhardwaj, Contractor, Arang (C.G.)	Construction of 70 KL Overhead Water Tank 12.00 mts staging at Village Mahud Distt Durg(C.G.), (Cash, Dt 6-9-02)(P. No.399)	One	00.05	Design and Drawings
19.	Executive Engineer, P.W.D. (B & R) Div. Raipur, (C.G.)	Construction of I-Type Quarters for Madhyamik Shikshha Mandal Raipur. (C. No. Dt. ) (P. No. )	One	00.05	Design and Drawings
20.	Executive Engineer, P.W.D. (B & R) Division West Baster Bijapur (C.G)	Construction of 100 Bedded Hospital at Bhopalpatnam (CG). (Foundation Design Only) (D.D. No.270515, Dt. 25-10-02)	Six	0.625	Design and Drawings
21.	Executive Engineer, P.W.D. (B & R) Division Raigarh, Raigarh (C.G.)	Construction of 100 Bedded Hospital at Kharasia District Kharasia. (Cheque No. 657163, Dt. 3-6-02)	Twelve	2.36	Design and Drawings
22.	Executive Engineer, P.W.D. (B & R) Division-1 Dhamtari	Construction of 50 Bedded Hospital at Dhamtari (CG) (C.No. C 750931, dt. 30-9-01)	Six	00.40	Design and Drawings
23.	Executive Engineer, P.W.D. (B & R) Division -1 Raipur (C.G.)	Construction of II-floor above old Cancer wing at D.K.S. Bhawan Mantralaya, Raipur. (C. No. 06388, Dt. 27-1-03) (P. No. 250)	Three	00.336	Design and Drawings
24.	Executive Engineer, P.W.D. (B & R) Division -1 Raipur (C.G.)	Design of Water Supply Scheme and Distribution Network with pumping requirements. (C. No. Dt. ) (P. No. 406)	One	00.28	Design and Drawings
25.	University Engineer, Pt. R.S.V. Raipur (C.G.)	Office Building for Director Physical Education (C. No. 900179, Dt. 26-11-02) (P. No. 405)	Two	00.10	Design and Drawings
26.	University Engineer, Pt. R.S.V. Raipur (C.G.)	Horizontal Expansion of Computer Science Department Building. (C. No. 900179, Dt. 26-11-02) (P. No. 404)	Two	00.2286	Design and Drawings
27.	Executive Engineer, P.H.E.D., Project Division Raipur (C.G.)	Design of Distribution Network for Khamtarai Overhead Water Distribution Tank. (C. No. 080960, Dt. 4-12-02) (P. No. 403)	Three	00.48	Design and Drawings
28.	Executive Engineer, P.W.D. (B & R) Division -1 Raipur (C.G.)	Design of Concrete Road (Ringroad-Sundernagar-Amapara -Telghaninaka-Khalbada). (Cheque No. 131419, Dt. 25-4-03)	Three	00.50	Design and Drawings
29.	Executive Engineer, P.W.D. (B & R) Division-1-Bilaspur, Bilaspur (C.G.)	Construction of Corridor and Staircase at High Court Building at Bilaspur (C.G.) (Design Checking) (C.NO. b073429, Dt. 20-2-03) (P. No. 400)	One	00.18	Design and Drawings
30.	Dy. C.S.T.E. /C/BSP, South East Central Railway Bilaspur (C.G.)	Central Panel Building over existing R.M.S. Building at Raigarh Railway Station. (C.No.	Two	00.20	Design and Drawings

		059955, Dt. 1-8-2003) (P. No. 2/248)			
31.	M/S Anand and Associates, Near Church, Bastar Road Dhamtari (C.G.)	Housing Scheme of Rajiv Nirdhan Awas Yojna, Municipal Council Dhamtari (C.G.). (Cash Dt. 19-9-03)	One	00.640	Design and Drawings
32.	Executive Engineer, P.W.D. (B & R) Division-Balod, (C.G.)	Construction of I.T.I. Building at Sanjari. (C.No. 071835, Dt. 4-2-2003) (C. No. Dt. ) (P. No. )	Six	00.90	Design and Drawings
33.	Executive Engineer, P.W.D. (B & R) Division-Balod, (C.G.)	Construction of I.T.I. Hostel Building at Sanjari. (C.No. 071835, Dt. 4-2-2003)	Six	00.75	Design and Drawings
34.	M/S Ranjeet Singh Saluja, Basna. Distt. Mahasamund (C.G)	Construction of 70 KL Capacity Water Reservoir (12.00 M staging) at Bhanwarpur, Block Basna, Distt. Mahasamund (C.G.) (Cash Dt. 6-10-03) (P. No. 2/245)	One	00.58	Design and Drawings
35.	Commissioner, Municipal Corporation Bhilai, Distt. Durg (C.G)	Design of Cement Concrete Road (Shahid Vir Narayan Singh Marg) in Municipal Council Bhilai. (C.No. 8248482, Dt. 26-9-03) (P. No. 2/247)	One	00.30	Design and Drawings
36.	Executive Engineer, P.W.D. (B & R) Division-Vidhan Sabha, (C.G.)	Construction of Auditorium at Vidhan Sabha Premises at Raipur, (C.G.) (C.No. 088340, Dt. 21-02-03) (P. No. 407)	Six	00.50875	Design and Drawings
37.	Executive Engineer, P.W.D. (Bridge Construction) Division- Bilaspur, (C.G.)	Bridge load test for KOTA-LORMI-PANDARIA Road at Agar River near Chilfi. (Two different span have been tested)	One	00.32	Load testing and Certification
38.	Executive Engineer, Raipur Development Authority, Raipur, (C.G.)	Extension of Bombay Market Building of Raipur Development Authority at G.E. Road Raipur.	One	00.18	Design and Drawings
39.	M/s Gulab Jain for Municipal Corporation Raipur	Structural Design for Houses under Valmiki Ambedkar Awas Yozana at Raipur [Report No 1089 Dated 15-06-2004]	One	0.15	Design and Drawings
40.	Executive Engineer, P.H.E.D., Project Division Durg (C.G.)	Design of 6.0 M diameter Intake well cum Sump well for Kumahari Water Supply Scheme Kumhari, Distt Durg (C.G.)	One	00.16	Checking of Design & Drawings
41.	Executive Engineer, Bhilai Municipal Corporation, Bhilai . Durg (C.G.)	Design of flexible-pavement for Nehru Nagar (Bhilai) Roads	One	00.35	Design and Drawings
42.	Executive Engineer, Bhilai Municipal Corporation, Bhilai . Durg (C.G.)	Design of flexible-pavement for Nehru Nagar (Bhilai) Roads	One	00.35	Design and Drawings
43.	Executive Engineer, Bhilai Municipal Corporation, Bhilai . Durg (C.G.)	Construction of Gokul Nagar at Bhilai, Distt Durg (C.G.)	One	00.55	Design and Drawings
44.	Chief Municipal Officer, Nagar Panchayat Ahiwara; Distt.-Durg	Design of R.C.C. Road and field visits	Two	00.40	Design and Drawings & visit reports
45.	Regional Manager, Leotronic Scales Private Ltd. 47, First Floor, Hide Market, Amritsar-143001 (India)[26-02-2007]	Structural Design Approval for Weigh-Bridge Foundation. (OPEN FOUNDATION)	One	00.10	Checking and approval for design and drawing
46.	Regional Manager, Leotronic Scales Private Ltd. 47, First Floor, Hide Market, Amritsar-143001 (India)[28-02-2007]	Structural Design Approval for Weigh-Bridge Foundation. (Pile Foundation)	One	00.10	Checking and approval for design and drawing
47.	Executive Engineer, P.W.D. Division No-1, Raipur, (C.G.)	Structural Design and Drawings for 200 seated Girls Hostel Building at Government Engineering College Raipur	Twelve	00.27468	Design and Drawings
48.	Commissioner, Nagar Palika Parishad, Sakti; Distt. Janjgir (C.G.)	Design for Cement Concrete Pavements proposed to be built-up at Sakti, in Janjgir Dist. For Nagar Palika Parishad, Sakti.	Two	00.50	Design and Drawings
49.	Chief Executive Officer, Raipur Development Agency Raipur. [11-10-2006]	Site Visit for Inspection for assessing the site condition and suggesting suitable test	One	00.05	Field visit, suggestions and report
50.	Executive Engineer, C.S.I.D.C. Raipur (C.G.)	Inspection of Damaged Roads and Embankment at Industrial Area Bhilai	One	00.05	Field visit, suggestions and report
51.	Assistant Engineer, Raipur Central Sub Division, C.P.W.D. Raipur (C.G.)	Design of Overhead Tank of one lakh litre capacity and Under Ground Sump in the Campus of Jawahar Navodaya Vidhyalaya Campus Kurud Distt-Dhamtari.	One	00.15	Design and Drawings
52.	Executive Engineer, Raipur Development Authority, Raipur, (C.G.)	Structural Design for terminal Bus Stand Building at Raipur	Four	00.50	Design and Drawings
53.	Assistant Engineer, Raipur	Design and drawing of Buildings for Shayama	One	00.20	Design and

	Development Authority, Raipur, (C.G.) [1840: 13-12-2007]	Prasad Mukharjee Awas Yojana			Drawings
54.	Assistant Engineer, Sub Division No. 1, C.G. Housing Board Raipur	Design of R.C.C. Pavement for 24.00 m wide Road at Kabir Nagar Raipur	One	00.55	Design and Drawings
55.	Siemens Ltd., Plot No.2, Sector-2, Kharghar Node, Navi Mumbai [21-04-2008]	Opinion for suitability of Foundation for Switching Station at Bhilai Steel Plant, Bhilai (Durg)	One	00.05	Field visit, suggestion and report
56.	Executive Engineer, C.S.I.D.C. Raipur (C.G.)	Design of Woman Commercial Complex at Industrial Area Tifra Bilaspur (C.G.)	Three	00.33	Design and Drawings
57.	Executive Engineer, P.W.D. Division No-1, Raipur, (C.G.)	Design of Cement Concrete Pavements for different soil and different road width to be constructed at different colonies	Six	2.87	Design and Drawings
58.	Executive Engineer, Project Division, C.G. Housing Board Rajnandgaon. [6152: 23-12-08]	Structural Drawings for the Construction of 42 Buildings under Atal Awas Yojana (Revised)[R Vr N 165:18-2-09]	One	00.15	Design and Drawings
59.	The Additional Chief Executive Officer, CHIPS, D.K.S.Bhawan Mantralaya Raipur	Suitability Report for Installation of VSAT Disc [BN-2;RN-176:Rs 15000.0]	One	00.1335	Checking & suitability report
60.	Executive Engineer, Raipur Development Authority, Raipur, (C.G.)	R.C.C. Structural Drawing and Design of Transport Nagar Rawabhata (Construction of Small Shops) [R Vr N 178:26-3-09:Rs 61798.00]	Two	00.55	Design and Drawings
61.	Executive Engineer, National Highway Division No.II, P.D.W.Raipur. [1774: 29-06-09]	Proof Checking for Reconstruction of H.L. Bridge in Km14/2 (Chhokra Nalla) including approaches on NH -200 (Agreement No. 14 DL 2008-09) [BN-2;RN 197:6-7-09:Rs 16545.00]	One	00.15	Checking and approval
62.	Executive Engineer, P.H.E. Division, Rajnandgaon. [3493: 1-07-09]	Checking of Drawing-Design of 4 MLD water Treatment Plant at Dongargarh under Dongargarh Water supply scheme.[R Vr N 976: 20-7-9: Rs 66180.0]	Six	0.60	Checking of design and drawings
63.	Executive Engineer, P.H.E. Division, Janjgir-Champa. [3263: 4-07-09]	Checking of Drawing-Design of 4 MLD water Treatment Plant at Champa under Champa Augmentation Water supply scheme. [BN-2;RN 197:13-7-9:Rs 66180.00]	Six	0.60	Checking of design and drawings
64.	The Superintendent of Police, District Korba (Chhattisgarh)	Visit of Technical Team at Balco Plant Site Korba to investigate the collapse of 275 M High RCC Chimney	One	0.20	Field visit and suggestions
65.	Executive Engineer, P.D.W. Bridge Division, Raipur. [4527: 06-10-09]	Proof Checking of Drawings-Design of Load Test Arrangements of Bridge across sita nadi Bridge in Km 3/6 on Belargaon Ghurawar Road ) [BN-13;RN 1274:19-11-09:Rs 16545.00]	One	0.15	Checking and approval
66.	Executive Engineer, Krasi Upaj Mandi Bilaspur	Design of 100 KI Overhead Water Tank at 10.0 m Staging at Krasi Upaj Mandi Bilaspur	One	0.15	Design and Drawings
67.	Executive Engineer, P.H.E. Division, Ambikapur. [(2447: 30-06-09) (C.No. A 237322:4-7-2009)]	Checking of Drawing-Design of 1.31 MLD water Treatment Plant at Kusmi under Water supply scheme. [ (271:01-07-2009) (R/vr No 198: 07-07-09: Rs 162349.00)]	Six	00.2625	Checking of design and drawings & approval
68.	Executive Engineer, P.H.E. Division, Ambikapur. [(2445: 30-06-09) (C.No. A 237322:4-7-2009)]	Checking of Drawing-Design of 1.90 MLD water Treatment Plant at Balrampur under Water supply scheme. [ (271:01-07-2009) (R/vr No 198: 07-07-09: Rs 162349.00)]	Six	00.53438	Checking of design and drawings & approval
69.	Executive Engineer, P.H.E. Division, Ambikapur. [2443: 30-06-09](C.No. A 237322:4-7-2009)]	Checking of RCC Design-Drawing of various components for construction of extension and improvement of 12.0 MLD to 17.50 MLD water Treatment Plant under Ambikapur Augmentation Water supply scheme Distt Surguja. [ (271:01-07-2009) (2/198: 07-07-09: Rs 162349.00)]		0.675	Checking of design and drawings & approval
70.	Executive Engineer, P.H.E. Division, Rajnandgaon. [157: 08-01-10]	Checking of Drawing and Design of 27 MLD water Treatment Plant at Rajnandgaon. (R Vr No 1498: 3-2-10: Rs 408992.00)	Six	3.708	Checking of design and drawings & approval
71.	Superintendent of Police, District Korba (CG) [386-4: 29-9-2009]	Technical team visit at collapsed Balco chimney site. (13/1277 : 20-11-09: Rs 20000.00)	One	0.1813	Field visit report [193-A : 12-10-9]
72.	Superintendent of Police, District Korba	Technical report on Chimney Collapsed at Balco	Three	0.90	Investigation

	(CG) [A-1850 : 5-10-2009]	Power Plant Site under Balco Nagar Police Station. [ 14/1337: 16-12-09: Rs 99270]			Report [424 : 31-12-09]
73.	Superintendent of Police, District Korba (CG) [12 : 20-01-2010]	Analysis Report on the test reports given by National Council for Cement and Building Materials Ballabgarh on Crime No 377 / 09 section 304, 324, 326, 34 under Balco Police Staion. [R/ Vr N-1525: 11-2-10: Rs 22060]	Two	0.20	Analysis Report [4563: 16-3-10]
74.	Weightec Scale Pvt. Ltd. 248 2nd Floor Ghasidas Plaza Amapara Raipur. [Nil : 23-2-2010]	Checking of Drawing of 60 MT Capacity Weighbridge with weigh cabin (R/vr No 1572: 23-2-10: Rs 16545.00)	One	0.15	Checking of design and drawings & approval
75.	ACME Automation Pvt. Ltd. 18-K, Light Industrial Area Bhilai-490026 (CG)	Checking of Drawing and Design of Weighbridge at Kawardha, Balod and Kurud (BN-18; R No 1747: 21-4-10: Rs 16545.00)	One	0.15	Checking of design and drawings & approval
76.	Executive Engineer, PWD Bridge Division Bilaspur (CG). [ 890:25-3-2010]	Proof Checking of R.C.C. Bridge across Hasdeo River at Geruaghat on Korba-Geruaghat-Darri Road.[1701:6-4-10:Rs 258436]	Six	2.34303	Checking of design and drawings & approval
77.	Chief Engineer c/o Executive Engineer, Rural Work Distt. Sonepur (Orissa) [5642:24-4-2010]	Proof Checking of High Level Bridge over Mahanandi River at 6.0 KM on Sonepur-Chadheipanaka-Binka road in the district of Sonepur, Orissa. [19/1850: 13-5-10:Rs 496350.00]	Six	4.50	Checking of design and drawings & approval
78.	Hindustan Copper Ltd. Malajkhand Copper Project P.O. Malajkhand 4816	Suitability report of Mines Waste Rock as ballast	One	00.15	Suitability report
79.	Hindustan Copper Ltd. Malajkhand Copper Project P.O. Malajkhand 4816	Filter Media Design	One	00.35	Filter media design
80.	Executive Engineer, P.W.D. Division No.-1, Raipur (C.G.) [2420 Dated 24-4-10]	Design and Drawings for the construction of cement concrete road around International Cricket Stadium at gram Parsada including suggestions during construction if required.[BN-19; RN1894:24—5-10; Rs 551500=00]	Six	5.00	Design and Drawing
81.	Executive Engineer, P.W.D. Bridge Construction Zone, Division Raipur (C.G.)	Checking Drawing and Design of H.L. Bridge across Mahanadi River at Abhanpur-Rajim-Gariyaband Road in KM-45/6 to 46/2 (Toe wall around abutment)[ R.Vr.No.2280:4-12-10:Rs 16545]	One	0.15	Proof Checking of Drawing and Design
82.	The Commissioner c/o Executive Engineer Nagar Palika Nigam Bilaspur (CG) [732:30-11-2010]	Consultancy Charges for the proof checking of the structural design of Auditorium Building at Nagar Nigam Bilaspur (CG) [ R No 2277 Dated 1-12-10: Rs 551500.00]		5.00	Proof Checking of Drawing and Design
83.	Executive Engineer, Chhattisgarh Housing Board Project Division Korba [4348:25-9-10]	Structural Design of Proposed L.I.G. Deendayal Awas Bhavan of C.G. Housing Board at Katghora Dist Korba [ R No 2162: 12-10-10 : Rs 22060.00]	One	0.20	Design and Drawing
84.	Commissioner, Nagar Palika Nigam Bialspur [ No 2516 dt 19-10-10 ]	Checking of the Structural Design of Auditorium Building at Nagar Nigam Bilaspur (C.G.) [R. No. 2277 dt 1-12-10: Rs 551500.00]	Six	5.00	Proof Checking of Drawing and Design
85.	Sub Divisional Officer, Public Works Department, Subdivision Champa (Chhattisgarh) [No 1347: 30-12-10]	Design of Dowel Bar and Tie Bars only of Concrete Pavement for Baradwar-Jaijaipur-Hasaud Road expansion and Strenghting [R No 2353:03-01-11 Rs 16545.00]	One	0.15	Design and Drawing
86.	Executive Engineer, Chhattisgarh State Industrial Development Corporation Ltd. Pandri Raipur -492004 (C.G.) [11139:30-12-2010]	Opinion regarding compensation of reduced pavement thickness for the main double lane road from ACC Saquare to Tandula Canal in the light Industrial Area Bhilai (Durg)of CSIDC [R No 2359; Rs 22060.00]		0.20	Design Calculations and Opinion
87.	M/s Dewangan & Associates, I Floor, Mobin Menson, G.E.Road Raipur (C.G.) [No Nil dt 04-02-11]	Checking of R.C.C. Structural Design of Commercial Building G+2 for C.G.H.B. at Sector 7 Saddu Raipur [R.No 2447 dt 08-02-11: Rs 30333]	One	0.275	Proof Checking of Drawing and Design
88.	Executive Engineer PHED Project Division Raipur	Concrete Mix Design M-30 and M-35	Two	00.13	Mix Design Report
89.	M/S Sathipal (India ) Ltd. Monet Power Ltd. Mandir Hasand , Raipur	Concrete Mix Design M-25 and M-30	Two	00.13	Mix Design Report
90.	Prasad and Company (Project Works)	Concrete Mix Design for M10, M15, M20, M25,	Four	00.30	Mix Design

	Limited, Site Office Tulsi Bhawan, Kharsiya (CG).	M30, M35, M40 grades for CC/RCC work of Shakti and Kharsiya branch canal system			Report
91.	M/s Gannon Dunkerley & Co. Ltd., Merchants Engineers & Contractors, EROS apartments (7th Floor) 56, Nehru Place, New Delhi – 19	Concrete Mix Design of HRC for M30 grade	Two	00.10	Mix Design Report
92.	Mr. Suresh Khosla, Railway Contractor, Station Pura, P. O. Mahasamund; Mahasamund (CG).	Concrete Mix Design for M25 grade for Br-74 at Km 39/1-2 on R. V. line under Sr. DEN/W SE Rly-SBP	Two	00.08	Mix Design Report
93.	Executive Engineer, P. W. D. DIVISION-1; RAIPUR (C.G.)	M-35 Concrete Mix Design for Construction of Cement Concrete Road in Raipur City	Two	00.08	Mix Design Report
94.	Executive Engineer, Public Health Engg Deptt; G. W.R. Division Durg (CG).	Concrete Mix Design for M25 grade for: Construction of Water Treatment Plant at Kumhari	Two	00.12	Mix Design Report
95.	Sub Divisional Officer; P. W. D. Bridge Construction Sub Division; Raipur (C.G.)	M-35 Concrete Mix Design for Construction of Submersible/ High level Bridge across PAIRI River on Rajim Road in km 3/6	Two	00.08	Mix Design Report
96.	M/S Simplex Concrete Piles (India) Limited, Indira Bihar, T. P. Nagar, Korba-495677 (CG).	Concrete Mix Design for M15 grade ( with MSA 40 mm) and M30 grade (with MSA 20 mm).	Two	00.16	Mix Design Report
97.	Sub Divisional Officer, P. W. D. (Bridge Construction) Raipur (CG).	Concrete Mix Design for M-25, M-30 and M-35 grade.	Two	00.25	Mix Design Report
98.	M/S ASHA ENTERPRISES PVT. LTD., B 602 ASHOKA RATNA VIP ROAD; RAIPUR- (CG).	Concrete Mix Design for M-20 grade	Two	00.08	Mix Design Report
99.	Deputy General Manager, N.B.C.C. Ltd.; 2x 250 Mw Thermal Power Project, KORWA (East)- C.G.-495677	Concrete Mix Design for M-25 and M-30 Grade Concrete for grade 2x 250Mw Thermal Power Project, KORWA (East)-.	Two	00.22	Mix Design Report
100.	Executive Engineer, P.W.D.Vidhan Sabha Division, Raipur (C.G.)– 495677	M-30 Concrete Mix Design for Bhumia-Lakhana-Somnath road	Two	00.10	Mix Design Report
101.	Sub Divisional Officer P.W.D.(Bridge Construction Sub Division) Raipur (CG).	M-25, Concrete Mix Design for Const. of R. O. B. at Bhatapara in KM 763/17-19 on Mubail Hawarh Rail Line	Two	00.10	Mix Design Report
102.	XEN / Con / II / R O/O Dy Chief Engineer; S. E. CENTRAL RAILWAY Raipur (C.G.).	Concrete Mix Design for Construction of Road Over Bridge at DURG	Two	00.10	Mix Design Report
103.	M/S JAISWAL BUILDERS & CONTRACTORS C-7, Sector 2, Devendra Nagar, Raipur (C.G.).	M-20 and M-30, Concrete Mix Design for Major Building Works at Raipur	Two	00.20	Mix Design Report
104.	Chief Executive Officer, Raipur Develop. Authority Raipur (C.G.)	Design of M-30 Grade Concrete for Cement Concrete Road	Two	00.18	Mix Design Report
105.	Deputy Project Manager, Simplex Infrastructures Limited, LIPL Project Chhattisgarh	Mix Design M-20, M-25 AND M-30 for Civil Construction Package for New Clinker Line at Sonadih LIPL Project	Two	00.27	Mix Design Report
106.	Deputy Project Manager, Simplex Infrastructures Limited, LIPL Project Chhattisgarh	Mix Design M-35 for Civil Construction Package for New Clinker Line at Sonadih LIPL Project	Two	00.30	Mix Design Report
107.	The Project Manager (C), N.B. C.C. Ltd; Dental College Works, Rajbandha Maidan Raipur (C.G.)	Design Mix (M-20 Grade) for Construction of Government Dental College at Raipur (Chhattisgarh).	Two	00.10	Mix Design Report
108.	Sr. Manager (FQA), NTPC LIMITED, Sipat Zone - 495006 Dist. : Bilaspur (C.G.)	Cement Concrete Mix Design (Grade M-20 ).	Two	00.10	Mix Design Report
109.	Sr. Manager (FQA), NTPC LIMITED, Sipat Zone –495006 Dist. : Bilaspur (C.G.)	Cement Concrete Mix Design (Grade M-25 ).	Two	00.10	Mix Design Report
110.	Executive Engineer P.W.D. Vidhan Sabha Division Raipur Dist. : Raipur (C.G.)	Cement Concrete Mix Design (Grade M-30) for Bhanpuri Internal Road. (Agreement No. 97/D.L. year 2006-07)	Two	00.10	Mix Design Report
111.	M/S SIEMENS, Camp: Bhilai Steel Plant Bhilai, Distt. : Durg (C.G.)	Installation of 220 KV Switch Yard in Bhilai Steel Plant. [Cement Concrete Mix Design (Grade M-20 and M-25)]	Two	00.16	Mix Design Report
112.	Senior Project Manager, Simplex Infrastructures Limited, Velocity Shopping Mall, Pandri, Raipur (C.G.)	Design Mix (M-35 Grade) for Construction of Velocity Shopping Mall, Near Mahalaxmi Market Pandri Raipur (Chhattisgarh).	Two	00.11	Mix Design Report



113.	M/S I V R C L ; Infrastructures & Projects Limited, C-170, Shailendra Nagar, Katora Talab, Raipur (C.G.)	Design Mix M-15, M- 25, M- 30 and M-40 for State Secretariat Capital Complex. (W.O.No. 1503/NCC/CC/ 12.24/ 3.2.96/ NRDA/2007 Raipur Dated 28-12-2007)	Two	00.39	Mix Design Report
114.	Senior Project Manager, Simplex Infrastructures Limited, Velocity Shopping Mall, Near Mahalaxmi Market Pandri, Raipur (C.G.)	Concrete Mix Design for M-30 and M-20	Two	00.22	Mix Design Report
115.	M/S S. K. CONST. CO.; 148 A. P. R. Katanga Colony, Narmada Road; Jabalpur-482001 (MP)	Design Mix for M-25 and M-30. for 3200 KL Capacity Elevated Service Reservoir at Kabir Nagar Kota RAIPUR.	Two	00.16	Mix Design Report
116.	M/S A.C.C. Ltd, Sales Unit, Madina Manzil (I Floor), Medical College Road ; Raipur-492001 (CG)	Mix Design for M-35 Grade Concrete	Two	00.11	Mix Design Report
117.	City Head Sales & Marketing, Ultratech Cement Ltd; 1 <sup>ST</sup> Floor, Crystal Towers, Telibandha Raipur- (C.G.)	Mix Design for M-20, M-25 and M-30 Grade Concrete.	Two	00.30	Mix Design Report
118.	HSCC (INDIA) LIMITED AIIMS Project Site KabirNagar Raipur- (C.G.)	Construction of Housing Complex for AIIMS like Institution at Raipur under PMSSY scheme- Mix Design for M-25 concrete	Two	00.10	Mix Design Report
119.	Executive Engineer, Raipur Central Division Central P. W. D. Raipur (C.G.)	Design Mix (M-25) for Construction of Office Building for A.G. (C.G) at Raipur (Agreement No. 46/EE/RCD/6-7).	Two	00.10	Mix Design Report
120.	Sub Divisional Officer, P. W. D. Bridge Construction Sub Division No. 1, Raipur (C.G.)	Mahanadi bridge on Raipur-Gariyaband road (Agg. No. 15/DL of 2008-9) Design Mix (M-25, M-30 and M-35 Grade).	Two	00.30	Mix Design Report
121.	Project Manager, Bridge and Roof Co.(India) Ltd. 1x500 Mw CSPGCL Korba (West) Project Darri Korba (CG) [02: 08-03-1010]	Cement Concrete Mix Design [M-25 and M-20], [M-25, M-30 & M-35 (Plasticizer)], [M-40], and [M-25 (water proofing + Plasticizer)] [R N 1638:17-3-10: Rs 84931.00]	Three	00.77	Mix Design Report
122.	M/s Jalaram Industries Karhidih Dhamdha Durg (C.G.) [Nil:17-5-1010]	Cement Concrete Mix Design M-40 Grade (with Plasticizer)[ 19/1862: 17-5-10: Rs 14339.00]	Two	00.13	Mix Design Report
123.	M/s Simplex infrastructures Ltd, 4x460 Mw O.P. Jindal Super Thermal Power Plant Unit 1&3, Tamnar Distt Raigarh.[446: 3-2-2010]	Mix Design of M-40 Grade Concrete with OPC Cement and Admixture. [1502:5-2-1010: Rs 14339.00]	Two	00.13	Mix Design Report
124.	M/s G.C. Infracon Pvt. Ltd. Parshva Apartment Choubey Colony Raipur(CG) [Nil 5-7-10]	Cement Concrete Mix Design M-20 Grade [ 1953: 6-7-10 : Rs 12133.00]	Two	0.11	Mix Design Report
125.	Gammon Gactel Turnkey Project Ltd. Vandana Vidhyut ltd Korba (C.G.)	Cement Concrete Mix Design M-30 Grade (with Plasticizer)[2044: 21-08-10: Rs 12133.00]	Two	00.11	Mix Design Report
126.	M/s RMC Readymix (India), Thernal Power Station Jaminepalli, Korba West-495450 [20103007/004:30-7-2010]	Design Mix for M-20, M-25 & M-30 Grades of Pumpable Concrete (with H R Jonson admixture). [2060:27-8-2010: Rs 26472]	Two	00.24	Mix Design Report
127.	M/s RMC Readymix (India), Thernal Power Station Jaminepalli, Korba West-495450 [20103007 / 004: 30-7-2010]	Design Mix for M-20, M-25 & M-30 Grades of Pumpable Concrete (with Fosroc admixture). [2083:4-9-2010: Rs 26472]	Two	00.24	Mix Design Report
128.	Superintending Engineer, 2x500 MW Marwa TTPP CSPGCL, Distt-Janjgir-Champa	Cement Concrete Mix Design; M-25 (3 Cement + 3 Aggregate), M-30 (3 Cement + 3 Aggregate) Total 12 mix designs (c/o BRGE)	Three	1.14	Mix Design Report
129.	Sr. Manager (Civil) I/C, Dipika Expansion Project, S.E.C.L. Korba (CG) [736: 2-10-10]	Design Mix for M-25 & M-30 Grades of Concrete. [2167: 15-10-2010: Rs 22060.00]	Two	0.20	Mix Design Report
130.	The Project Incharge, M/s Gammon India Ltd. POB No 9129, Prahden Mumbai [GIL/CSEB/CT/051:	Evaluation of Materials and Concrete Mix Design For M-30, M-35 and M-40 with Slump 100-120mm. [R.Vr.No. 2111:16-9-10:Rs 40811.00]	Two	0.37	Mix Design Report
131.	The Project Incharge, M/s Gammon India Ltd. POB No 9129, Prahden Mumbai [GIL/CSEB/CT/060:	Cement Concrete Mix Design(With admixture) for M-25 Grade.[R.No. 2166:11-10-10:Rs 12133.00]	Two	0.11	Mix Design Report
132.	The Project Manger, Sinter Plant Project (PKG-20), L & T Ltd. SAIL BSP Bhilai [	Cement Concrete Mix Design (With Plasticizers) Total Nine Different Mixes [ R No : Rs 109197.00]	Three	0.99	Mix Design Report

**Consultancy Projects carried out in 2011-2012 (More than 26 Projects)**

S. No	Client	Details of the Consultancy Projects	Period In months	Consultancy Amount Rs. (In lacs)	out come
133.	The Site Incharge, BSBK Engg Pvt. Ltd., GMR Chhattisgarh Energy Ltd. Raikheda Raipur (CG)	Concrete Mix Design M-15, M-20, M-25 & M-30 [ R No 3035 dt 31-10-11 : Rs 44120]	Two	0.400	Concrete Mix Design
134.	The General Manager (GT) RITES Ltd. Nagpur, RITES BHAVAN, KADBI CHOWK, NAGPURI- 440004 (M.S.) [3101: 11-10-2011]	Design of major/important bridges in connection with gauge conversion of Chindwara-Nagpur section (From NG to BG)- Proof Checking of 2 bridge designs for 25T Axle Load-Bridge No. 83 and 89 regarding [R.No 3002 dt 12-10-11: Rs 579075]	Five	5.250	Proof Checking of Drawing and Design
135.	The Executive Engineer, Hasdeo Barrage W/M Division, Rampur / Korba, Korba- Chhattisgarh [1849: 27-05-2011]	Design and Drawing of double lane Bridge at RD 7940 mm left Bank canal of Hasdeo Project. [R.No 2854 dt 1-08-11: Rs 157994]	Three	1.4324	Structural Design and Drawing
136.	M/S Tower Vision India Pvt. Ltd., 1st Floor, Hall B, Chinar Mega Mall, Chinar Fortune City, Hoshangabad Road, Bhopal- 462013 (M.P.)	Proof checking of design / drawing of R.C.C. foundation for 50m high tower for the cell site at LAKHANPUR, SARGUJA (C.G.) [ SITE ID – MPSUR3009] [R.No 3047 dt 3-11-11: Rs 27575]	One	0.250	Proof Checking of Drawing and Design
137.	The Executive Engineer, Public Works Department, N. H. Division Bilaspur [2142: 11-11-2011]	Design of Dowel Bars and Tie Bars for a panel of four lane Cement Concrete Pavement for N. H. 200 (Raipur-Bilaspur) from 103 to 113 Km. [R.No 3137 dt 13-12-11: Rs 51867]	One	0.459	Structural Design and Drawing
138.	The Assistant Engineer, Sub Division – Baikunthpur, Chhattisgarh Housing Board, Baikunthpur (Distt. Korea)	Structural Design and Drawings for Nursing Training Hostel Building a Baikunthpur (Distt. Korea) [R. No 2847 dt 27-06-11: Rs 220600 including Training Centre MKV]	Three	1.100	Structural Design and Drawing
139.	The Assistant Engineer III, CG Housing Board, Capital Complex Project Division Raipur	Concrete Mix Design M-20 & M-25 [ R No 3120 dt 07-12-11 : Rs 24266]	Two	0.220	Concrete Mix Design
140.	The Executive Engineer, Division No. 2 Public Works Department Raipur. [2532:23-05-2011]	Structural Design and Drawings for Vertical expansion of OPD Building of Dr B. R. Ambedkar Memorial Hospital at Raipur. [R. No 2753 dt 01-06-11: Rs 566391]	six	5.135	Structural Design and Drawing
141.	M/S Bhilai Jaypee Cement Limited, Bhilai Steel Plant Premises Slag Yard Road (Opposite Sector Iv) Bhilai-490001, Distt-Durg. [BJCL/Bhilai/NOC/2012:18-01-2012]	Proof Checking of Design of High Rise Industrial Structures of Bhilai Jaypee Cement Plant at Bhilai Steel Plant Premises. [R. No 3255 dt 29-01-12: Rs 1389780]	One	12.600	Proof Checking of Drawing and Design
142.	The Executive Engineer, Rural Works Division Sonepur, Distt. Sonepur (O.R.) [ 15758: 23-09-2011]	Rechecking of the Bridge except deck portion and Bearings of the H.L.Bridge over river Mahanadi at 6th Km on Sonepur-Chadeipanka-Binika, Orisa due to change (increase) in the H.F.L. [R. No 3111 dt 05-12-11: Rs 372263]	Two	3.37500	Proof Checking of Drawing and Design
143.	The Executive Engineer, Division No. 1 Public Works Department Raipur. [9057:23-11-2011]	Structural Design and Drawings for Construction of Cement Concrete Road From ROB Khamtarai to Bhanpuri Chowk and Km 9/4 to 15/6 of NH 30 (Old N.H 200) [R. No 3111 dt 05-12-11: Rs 866958]	Two	7.860	Structural Design and Drawing
144.	The Executive Engineer, CG Housing Board, Capital Complex Project Division Ambikapur CG [ 1005: 07-07-2011]	Structural Design and Drawing of Joint Ashram Building at Gandai Ambakona [R. No 3013 dt 14-10-11: Rs 36399]	Two	0.33	Structural Design and Drawing
145.	The Executive Engineer, CG Housing Board, Capital Complex Project Division Ambikapur CG [ 357: 18-02-2011]	Structural Design and Drawing of N M D C Joint Venture Office No-2 Building In Boritakala Raipur [R. No 2638 dt 05-04-11: Rs 67144]	Two	0.60706	Structural Design and Drawing

**Consultancy Projects carried out in 2012-2013 (More than 35 Projects)**

S. No	(Agency) Client	(Title) Details of the Consultancy Projects	Period In months	Consultancy Amount Rs. (In lacs)	out come
146.	CHK of Design	M/s Areva T & D India Ltd Bhilai	One	0.17	Proof Checking of Drawing and Design
147.	M/S The Chief Executive Officer, Janpad Panchayat Gariyaband (C.G.)	Concrete Mix Design M-30 GRADE using ULTRATECH PPC Cement(T)	Two	0.10	Concrete Mix Design
148.	M/S SAI AMBEY ORGANISERS Pvt Ltd. c/o M/S JIFT Water Infra (Naya Raipur) Ltd. Raipur	Concrete Mix Design M-30 GRADE WITH Ultratech Portland Pozzolana CEMENT	Two	0.10	Concrete Mix Design
149.	M/s JIFT Water Infrastructure Ltd.	Concrete Mix Design M-30 GRADE WITH Ultratech Portland Pozzolana CEMENT	Two	0.10	Concrete Mix Design
150.	M/s Topworth Infra pvt. Ltd. Worli Mumbai	Concrete Mix Design M-25 and M-30 GRADE WITH AMBUJA CEMENT (OPC-53Grade)	Two	0.22	Concrete Mix Design
151.	M/s Chhattisgarh Housing Board Raipur	Concrete Mix Design	Two	0.608	Concrete Mix Design
152.	M/s Chhattisgarh Housing Board Raipur	Concrete Mix Design	Two	0.22	Concrete Mix Design
153.	M/s Executive Engineer Public Works Department Bilaspur	Concrete Mix Design	Two	0.47	Concrete Mix Design
154.	M/s Gannon Dunkerley & Co. Ltd. B-28 Okhla Industrial Area phase-1 New Delhi	Concrete Mix Design	Two	0.33	Concrete Mix Design
155.	M/s L & T Construction	Concrete Mix Design	Two	0.11	Concrete Mix Design
156.	M/s Public Works Department	Concrete Mix Design	Two	0.51	Concrete Mix Design
157.	M/s Public Works Department Raipur	Concrete Mix Design	One	0.40	Concrete Mix Design
158.	M/s J K Lakshmi Cement Ltd	Proof Checking of High Rise Structures of J K Lakshmi Cement Plant at Ahiwara (Distt Durg)	One	18.9663	Proof Checking of Drawing and Design
159.	M/s Praxair India Pvt. Bangalore 560042	Proof Checking of High Rise Structures for Bhilai Steel Plant Expansion Projects at Bhilai (Distt Durg)	One	16.55	Proof Checking of Drawing and Design
160.	Mr Ajay Sharma A.G M.(Projects), I VRCL Ltd. Bhilai Steel Plant Bhilai (Chhattisgarh) (Eight Mix Design)	Design Mix	Three		Concrete Mix Design
161.	The Additional G.M. Projects, Triveni Engineering and Industries Ltd, Bhilai Steel Plant Bhilai (C.G.)	Design Mix for M-25 grade of Concrete using ACC (PSC) CEMENT	Two	0.22	Concrete Mix Design
162.	M/s S. M. S. Infrastructure Limited Durg Bypass Road Project, Gram Panchyat Khapri (Siloda) Distt.-Durg (Chhattisgarh)	Testing of Job Mix Design for Concretes (M-35 and M-40) for work of construction, maintenance and operation of Durg bypass on NH-6 on BOT basis in state of Chhattisgarh.	Two	0.22	Concrete Mix Design
163.	The Deputy Project Manager Vishwa Infrastructures and Services (Pvt.) Ltd. Shivaji Chowk Bhilai (C.G.)	Testing of Construction Materials and Preparation of design mix for the work of "Augmetation of Make-Up Water and Drinking water system to all New Units of 7.0 MTPA Exapansion of Bhilai Steel Plant, Bhilai (Package No 078) for Bhilai steel Palnt.	Two	0.22	Concrete Mix Design
164.	M/s CSPGCL Raipur (2483: 24/1/12)	Site Visit for Inspection of Surge Coal Hopper	One	0.22	Site Visit Report
165.	M/s JIFT Water Infrastructure Ltd. (289: 15-2-12)	Concrete Mix Design	Two	0.11	Concrete Mix Design
166.	M/s JIFT Water Infrastructure Ltd. (288:15-2-12)	Concrete Mix Design	Two	0.11	Concrete Mix Design
167.	M/s NRDA Raipur (C.G.) (4(3): 8/2/12)	Concrete Mix Design (M20, M30 and M35) with Admixture	Two	0.36	Concrete Mix Design
168.	M/s CSPGCL Raipur 04/KWB: 24/1/12	Retrofitting of Surge Coal Hopper Building	Six	4.00	Design and Drawings
169.	M/s Engineering Projects (India) Ltd. (696: 11/4/12)	Concrete Mix Design (M20, M30 and M35) with Admixture and three different cements) 9Nos	Two	0.94	Concrete Mix Design
170.	M/s CGHB Bilaspur	Design and Drawings of G+5 Storey Flats	Two	1.66	Design and

	(1449: 28/4/12)				Drawings
171.	M/s Devanshi Creation Civil Contractor & General order Supplier Raipur	Checking of LIG Quarters at Rajnandgaon	<b>one</b>	0.25	Proof Checking of Design & Drawings
172.	M/s Triveni Engg & Industries Ltd. Bhilai (nil: 5/10/12)	Concrete Mix Design	<b>Two</b>	0.11	Concrete Mix Design
173.	M/s NRDA Raipur (C.G.) (1185: 24/8/12)	Concrete Mix Design 3 Nos	<b>Two</b>	0.33	Concrete Mix Design
174.	M/s CGHB Raipur (Q1: 23/8/12)	Checking of Water Tank Design	<b>one</b>	0.25	Proof Checking of Design & Drawings
175.	M/s CGHB Raipur (Q1: 31/7/12)	Checking of Structural Design of G+5 Storey G Type Quarter at Sector 17	<b>Two</b>	2.01	Proof Checking of Design & Drawings
176.	M/s Gopal Construction E-5 Devendra Nagar Raipur ( Nil: 3/10/12)	Checking structural Design of Water Tank	<b>one</b>	0.25	Proof Checking of Design & Drawings
177.	M/s Gopal Construction E-5 Devendra Nagar Raipur ( Nil: 3/10/12)	Checking structural Design of Water Tank with sump well	<b>one</b>	0.25	Proof Checking of Design & Drawings
178.	M/s SMS Infrastructre Ltd. Durg Bypass Road Project Gram Panchayat Khapri Siloda. (SMSIL: 22/10/12)	Concrete Mix Design (M-30 and M-35) with Admixture (pumpable concrete)	<b>Two</b>	0.28	Concrete Mix Design
179.	M/s CGSWHC Raipur (11706: 6/11/12)	Checking structural Design of Water Tank	<b>one</b>	0.25	Proof Checking of Design & Drawings
180.	M/s vishwa construction (568: 17/10/12)	Concrete Mix Design	<b>Two</b>	0.22	Concrete Mix Design

### Consultancy Projects successfully completed in 2013-2014 (More than 33 Projects)

S. No	Client / Reference	Consultancy Projects Details / Report No	Bill no & Date	Receipt no & Amount Rs. (In lacs)
181.	<b>The Executive Engineer, Public Works Department, Division Balod, Balod-Chhattisgarh [6293 :26/12/2012]</b>	Structural Drawing and Design for Government Degree College Building at GUNDERDEHI, District Balod (Chhattisgarh [178:15/10/2013]	[1411: 11/22/2012]	[3824: 1/1/2013] 218,065.00
182.	<b>The Executive Engineer, P.W.D. Division Bilaspur [3687:14/5/2012]</b>	Structural Design and Drawing for Construction of ITI Building at Bilha[149:9/10/2013]	[1370:05/10/2012] /	[3883:5/2/2013] 285,395.00
183.	The Chief Engineer, CSPDCL RAIPUR [18:2/4/2013]	Consultancy services for design and drawing related to strengthening and renovation of existing underground Track Hopper of coal handling system at KTPS CSPGCL Korba East(site visit) [1673: 13/05/2013]	[1621: 05/04/2013]	[CNo 267309 dt 17/04/2013] 22427.00
184.	The Chief Engineer, CGRRDA , Vikas Bhawan Civil Lines RAIPUR [2188:3/4/2013]	Prrof checking of DPR for Pakni-Dumarpara to Pakni-Tutijahriya length 4.3 km [1569: 5/3/2013]	[1559: 25/02/2013]	[3968: 4/3/2013] 190,086.00
185.	The Executive Engineer, P.W.D. Division Raipur [7986: 14/01/13]	Girls Hostel Building [1766: 25/07/13]	[1537: 18/02/13]	[3982: 05/03/13] 1,304,983.00
186.	M/s Mile Stone Academy , Kohka Junwani Road Bhilai Durg (C.G.) [Nil : 08/05/2013]	Vetting of Drawing and Design of School Building [5963: 06/05/2013]	[1663: 03/05/2013]	[4113: 06/05/2013] 89824.00
187.	<b>M/s Jai Shree Infrastructure</b>	Mix Design [1374: 8/7/2013]	[1640:16/04/13]	[4084: 22/04/2013] 24,719.00

	<b>Ghaziabad, U.P.</b> <b>[Nil:16/04/13]</b>			
188.	M/S ASCEND TELECOM Infrastructure Pvt. Ltd. C.H.-280, Scheme No 74-c, Vijay Nagar, Indore-452010[nil: nil]	Checking of Structural Stability of Tower Foundation for the cell site and issue structural safety certificate at cell site at NEAR NAYA TALAB [230:24/03/2014]	[178: 12/03/2014]	[4572: 12/03/2014] 28090.00
189.	<b>M/S JHAJHARIA NIRAN PVT. LTD.</b> Jhajharia Mension, Jagmat Block Bilaspur-495001 (C.G) [JNPL/13-14/03-349: 05/03/2014]	Proof Checking of Design and drawing of RUB at LC170 at Chakarбата [224: 21/03/2014]	[190: 14/03/2014]	[4581: 20/03/2014] 60562.00
190.	<b>M/S JHAJHARIA NIRAN PVT. LTD.</b> Jhajharia Mension, Jagmat Block Bilaspur-495001 (C.G) [JNPL/13-14/015878: 15/01/2014]	Proof Checking of Design and drawing of ROB at Ch 35394 m between Chhindwara - Nagpur in connection with Chhindwara - Nagpur gauge Conversion Project [204: 18/03/2014]	[75: 12/02/2014]	[4506: 17/02/2014] 50562.00
191.	<b>The Executive Engineer, Division- Raipur, P. H. E. Department, Raipur-Chhattisgarh</b> [186: 21/10/2013]	Proof Checking structural design and drawing of 2000 KL high level RCC Overhead Water Tank on 20 M Staggering at Kushalpur under water supply strengthening scheme of Raipur city [173:11/03/2104]	[186: 21/10/2013]	[4360:23/10/2013] 64197.00
192.	<b>The Assistant General Manager (Civil Engg), Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh</b> [280-85:22/01/2014]	Proof checking of Structural Design and Drawings of boundary wall for acquired land at <b>wami Vivekanand Airport Raipur.</b> [168: 7/3/2014]	[31:3/2/2014]	[4524: 26/2/2014] 75,064.00
193.	<b>M/s A. C. C Ltd,</b> Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG [001:23/05/13]	Checking of Design Calculations of High Rise Buildings. [1773:05/08/13]	[1681:23/05/13]	[4153:27/05/13] 3,239,399.00
194.	M/S J K Lakshmi Cement Ltd, Malpuri-Khurd Khasadih, P O Ahiwara, Distt Durg [JKLC/VP/GT/DURG/11-12:]	Vetting of Design Calculations of High Rise Structures. [1507: 01/02/2013]	[1398: 08/11/2012]	[D.D.No 001861 dt 12/11/2012] 893262.00
195.	<b>M/S P. D. MAHESHWARI, CONTRACTOR AND TRANSPORTER, lane No. 4 Vinoba Nagar, Bilaspur-495001 (C.G.)</b> [Nil: 13/01/2014]	Proof Checking of Design and Drawing of pile foundation [33: 03/02/2014]	[454: 15/01/2014]	[4471: 15/01/2014] 28090.00
196.	<b>Sr Divisional Engineer (Civil), S. E. C. RAILWAY, BILASPUR – Chhattisgarh</b> [79/13-14/SR : 30-10-2013]	Proof Checking of RCC Structural Design and Drawing in connection with construction of Swimming pool under the jurisdiction of Sr DEN / Settlement / Bilaspur. [62: 07/02/2014]	[293: 29/11/2013]	[4414: 04/12/2013] 36172.00
197.	<b>The Executive Engineer, P.W.D. Division No -2 Raipur</b> [7103: 28/10/13]	Design for The Construction of Tikrapara-Sejbahar-Cement Concrete Road (4 lane cement concrete crust for mdr in km 2/2 to 3/3 from santosi nagar chowk to boria khurd) [228:07/11/2013]	[204: 29/10/2013]	[4370: 30/10/2013] 657306.00
198.	<b>M/S SHEEELA CONSTRUCTION</b> Engineers and Contractors, GURUKRIPA Shriram Nagar, Phase -2, Street-3 Shankar Nagar, Raipur-495007 (C.G.) [Nil: 24-01-2104]	Proof Checking of Structural Design for RCC Box, Front Cutting Shield and Thrust Bed for NMC Nagpur. [82: 17-02-2014]	[73: 12/02/2014]	[4503: 13/02/14] 25281.00
199.	<b>The Executive Engineer, Division-Durg, Chhattisgarh Housing Board, Durg-Chhattisgarh</b> [1016: 05/02/2014]	Proof Checking of R C C structural drawing of Retaining wall at Persada (Kumahar), Distt Durg for Atal Vihar Awas Yojana [93: 20/02/2014]	[93: 20/02/2014]	[4532: 03/03/14] 28090.00
200.	<b>M/S ACME AUTOMATION PVT.</b>	<b>Approval of Civil Drawings for 40 T capacity</b>		[4332: 08/10/2013]

	<b>LTD. II FLOOR , 3-6-288/1/B/1, STREET NO-4, Hyderguda, Hydrabad-500029 (India) [NIT/WB -DRG/2013-14: 07/10/2013]</b>	<b>Weigh-bridge. [223: 05/11/2013]</b>	[140: 07/10/2013]	<b>28090.00</b>
201.	<b>M/S ACME AUTOMATION PVT. LTD. II FLOOR , 3-6-288/1/B/1, STREET NO-4, Hyderguda, Hydrabad-500029 (India) [NIT/WB -DRG/2013-14: 30/12/2013]</b>	<b>Approval of Civil Drawings for 40 T capacity Weigh-bridge. [425: 03/01/2014]</b>	[421: 02/01/2014]	<b>[4454: 03/01/2014] 28090.00</b>
202.	<b>The Executive Engineer, Division-Korba, Chhattisgarh Housing Board, Korba- CG (India) [9212: 17/09/2013]:</b>	Proof Checking of "EWS (G+3) and LIG (G+3) Residential Flats at Parsasda Distt Durg.[221: 05/11/2013]	[98: 25/09/2013]	[4320: 30/09/2013] 121163.00
203.	<b>The Executive Engineer, Division-Durg , Chhattisgarh Housing Board, Durg- CG (India) [5736: 30/10/2013]:</b>	Proof Checking of "Deendayal Awas Yojana, 192 (G+3) LIG with Stilt Parking Work "Proposed at Kharmora Korba.[424: 03/01/2014]	[257: 20/11/2013]	[4398: 29/11/2013] 97262.00
204.	<b>M/S MEHROTRA BUILDCON (P) LTD, Engineers and Contractors 9 Industrial Estate, Rewa Road Satna (M.P.) [Nil: 15/07/2013]</b>	Proof Checking of Design and drawing of Br. No.10 aqueduct for the work of Gondia-Jabalpur gauge conversion project. In close vicinity of existing NG Track. [48: 06/09/2013]	[1775: 13/08/2013]	<b>[4285: ] 28090</b>
205.	<b>M/S SRI VENKATESWARA BUILDERS, Engineers and Contractors, 3-1-523, I FLOOR, II STREET, LAKSHMI PURAM STONE HOUSEPET, NELLORE-524002 (A.P.) [ Nil: 14/09/2013]</b>	Proof Checking of Design and drawing of Aqueduct at Ch 40380 m (PSC Box) for the work of in connetion with Nagpur-Chindwara Gauge Conversion Project [137: 07/10/2013]	[97: 25/09/2013]	[4313: 25/09/2013] 33708.00
206.	<b>M/S SMS INFRASTRUCTURE LTD DURG BYPASS ROAD PROJECT GRAM PANCHYAT KHAPARI [871:8/14/2013]</b>	Concrete Mix Design [262: 11/21/2013]	[1777: 8/16/2013]	[4266: 8/16/2013] 15,730.00
207.	<b>The Managing Director CG POLICE HOUSING CORP. LTD RAIPUR [1785:26-8-13]</b>	Design and Drawings of various RCC Structures	[42:5/9/2013]	[4301:17-9-13] 325,592.00
208.	<b>The Managing Director CG POLICE HOUSING CORP. LTD RAIPUR [1259: 24-8-13]</b>	Design and Drawings of various RCC Structures [87:18-2-13]	[41: 5-9-13]	[4302:17-9-13] 223,495.00
209.	<b>The Assistant General Manager (Civil Engg), Swami Vivekanand Airport Raipur, Raipur - Chhattisgarh [1: 10/9/2013]</b>	<b>Concrete Mix Design</b>	[165: 10/10/2013]	[4347:10/15/2013] 11,236.00
210.	<b>The Hidayatullah National Law University Uparwara Raipur [13466: 06/12/13]</b>	<b>Proof Checking of Design and drawing of Hostel Building [460: 16/01/14]</b>	[348: 17/12/13] GDR	[4427: 19/12/13] 437,418.00
211.	<b>M/s sms paryavaran Ltd. SH-Vardhaman Grand, [01/290763:23/11/2013]</b>	<b>Safe Bearing Capacity by Plate Load Test [469: 17/01/2014]</b>	[340: 13/12/2013] SVD	[4433:23/12/2013] 30,337.00
212.	<b>M/s sms paryavaran Ltd. SH-Vardhaman Grand, [01/290772:07/01/2014]</b>	<b>Safe Bearing Capacity by Plate Load Test [429: 7/01/2014]</b>	[429: 07/01/2014] SVD	[4465:13/01/2014] 60,674.00
213.	<b>M/s Sachidanand Pandey Builder Civil Engineer &amp; Transport Contractor [Nil: 3/2/2014]</b>	Proof checking of Design of Atal Vihar Awash Yogana [171: 3/11/2014]	[92: 20/2/2014]	[4519:24/2/2014] 28,090.00

**Consultancy Projects successfully completed in 2014-2015 (More than Projects)**

S. No	Client / Reference	Consultancy Projects Details / Report No	Bill no & Date	Receipt no & Amount Rs. (In lacs)
214.	<b>M/S JHAJHARIA NIRAN PVT. LTD.</b> Jhajharia Mension, Jagmat Block Bilaspur-495001 (C.G) [JNPL/13-14/03-358: 08/03/2014]	Proof checking of Design and Drawing RUB at LC-AB-10 at KTMA YARD 901/10-12 [239: :10/10/2014]	[145:15/09/2014] /	[4899: 22/09/2014] 51686.00
215.	<b>M/S JHAJHARIA NIRAN PVT. LTD.</b> Jhajharia Mension, Jagmat Block Bilaspur-495001 (C.G) [JNPL/14-15/03-358: 15/09/2014]	Proof checking of Design and Drawing of BOX ROB (DANGARIA) Br No 85 at CH 41775.00 M cwa-ngp in connection with Chindwara-Nagpur gauge conversion project [240: :10/10/2014]	[174:25/09/2014] /	[4932: 10/10/2014] 75843.00
216.	<b>M/s A. C. C Ltd,</b> Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG [JLP/NIT/2014/009:27/09/14]	Design Verification and Proof Checking of ACC LTD's OLBC crossing the nandini rorad. [235: 10/10/14]	[168: 23/09/14]	[4921:01/10/14] 73635.00
217.	<b>The Executive Engineer, Sub Division-II Bilaspur, Chhattisgarh Housing Board,</b> [1237: 26/03/2014]	Proof Checking of compound wall pile foundation, Capand Beam Proposed at development work of Atal Vihar Yojana at Chilhati, Distt Bilaspur (C.G.) [252: 13/10/2014]	[26: 19/08/2014]	[4856: 08/09/14] 28090.00
218.	<b>The Executive Engineer, P.W.D. Division – Korba (Chhattisgarh)</b> [4199: 13/05/14]	Structural Design of Cement Concrete Road (Pali to Dipika) [363: 17/11/2014]	[443: 21/05/2014]	[4912: 26/09/2014] 879779.00
219.	<b>The Executive Engineer, Sub Division-II Bilaspur, Chhattisgarh Housing Board,</b> [1237: 26/03/2014]	Proof Checking of Drawing Design (Structutral Design) for "HIG-II, Sr MIG-II, Jr MIG-II, LIG-II and EWS-I Houses proposed at Chilhati, Distt-Bilaspur (C.G.).[3315: 27/09/2014]	[336: 03/11/2014]	[4975: 05/11/2014] 140450.00
220.	<b>M/s Dee Vee Projects Limited, Engineers and Contractors</b> First Floor, Vikas Complex P. H. Road Korba, Chhattisgarh (India) [Nil : Nil]	Proof Checking for Structure Design and Drawing of MIG Senior Houses (4 Nos) [ 362: 17/11/2014]	[374: 23/12/2013]	[4439: 23/12/2013] 28090.00
221.	The Chief Executive Officer, CGRRDA , Vikas Bhawan Civil Lines RAIPUR [2188:3/4/2013]	Proof checking of Revised DPR (modified crust for increased high volume heavy traffic) based on 2013 SOR for the roads used by HINDALCO Industries Limited in Kusmi Vikas Khand. (Samri to Sabag 11.15 Km), (Samri – Sabag road to Dumarkholi 3.65 Km), (Samri – Sabag road to Bata 1.6 Km), (Samri to Amtahi 2.1 Km) and (Patna Samri road to Betpani 7.75 Km) [394: 21/11/2014]	[123: 10/09/2014] <b>And</b> [224: 01/10/2014]	[4913: 30/09/2014] 522209.00 and [4987: 13/11/2014] 414249.00
222.	M/s Simplex Infrastucture Ltd. [199:9/4/2013]	Concrete Mix Design [ ]	[1623: 10/04/2013] Rs 16854.00	[4057: 10/04/2013] Rs 16854.00
223.	<b>The Executive Engineer</b> (Division 4), Chhattisgarh State Industrial Development Corporation Limited Raipur, Raipur Chhattisgarh [7257: 07/10/2014]	Design, Drawings and Construction Procedures for 10.0 M wide cement concrete pavement (double lane) with road divider at industrial area Harinchhapra District Kabirdham (C.G.) [existing approach road from national highway to industrial area ] [562: 01/01/2015]	[237: 10/10/2014]	[4960: 29/10/2014] 429530.00
224.	<b>M/s Dee Vee Projects Limited, Engineers and Contractors</b> First Floor, Vikas Complex P. H. Road Korba, Chhattisgarh (India) [Nil : 17/11/2014]	Proof checking of Drawing Design for HIG-II, Sr MIG-II, Jr MIG-II, LIG-II and EWS-I Houses proposed at Chihati, Dist Bilaspur (C.G.) [632: 16/01/2015]	[371: 18/11/2014]	[4998: 19/11/2014] 140450.00
225.	<b>M/s A. C. C Ltd,</b> Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG [JLP/NIT/2014/010:11/10/14]	Design Verification and Proof Checking of ACC LTD's OLBC crossing foundation at the nandini rorad. [ ]	[276: 15/10/14]	[500: 20/11/14] 28040.00
226.	<b>The Vice President and Head Projects, Balco Aluminum</b>	Checking of Structural Stability of Power Plant Structures of 1200 MW Thermal Power Plant of	[210: 30/09/14]	[4993: 17/11/14]

	<b>Company Ltd Korba (C.G.)</b> [0245: 26/09/14]	Bharat Aluminum Company Korba [399 and 400: 24/11/14]		4716019.00
227.	<b>M/s Techpro Systems Ltd, Ashtech Division, Sagar Complex Building No 1, Ground Floor Kasarwadi Pune-411034 [TSL-NIT-2014: 17/09/14]</b>	Checking of Structural Completeness of the 750 MT Fly Ash Silo No 2 & 3 at NTPC Sipat, Distt Bilaspur as per approved / Fabrication Drawings [604: 12/01/2015]	[231: 09/10/14]	[4988: 14/11/14] 2 24 720.00
228.	<b>M/s Techpro Systems Ltd, Ashtech Division, Sagar Complex Building No 1, Ground Floor Kasarwadi Pune-411034 [TSL-NIT-2014: 11/10/14]</b>	Proof Checking of Structural Design of the 750 MT Fly Ash Silo (1_1 repeat) at NTPC Sipat, Distt Bilaspur (stage 1 3 x 660 MW) [324: 31/10/14]	[ :26-12-14]	[4989: 14/11/14] 123596.00

**Consultancy Projects successfully completed in 2015-2016 (More than 14 Projects)**

229.	M/S BSBK Private Limited, Fourth Floor, Surya Treasure Island Mall, Junewani, Bhilai- Chhattisgarh (India) [1857: 20/02/15]	Vetting of Structural Design for MIG-DUPLEX, MIG-2BHK and HIG-II Duplex for CGHB at Nardaha Raipur (C.G.) [863: 25/03/15]	[ 776 :03-03-15] 86360.00	[5200: 10/03/15] 86360.00
230.	M/S HYDRO POWER IN PARTNERSHIP WITH RIVER [318:19/02/15]	Design of various concrete mixes [ ]	[921: 10/04/15] 174439.00	[5266: 16/04/15] 174439.00
231.	M/S LION ENGINEERING CONSULTANTS [2015:10/04/15]	Design of various concrete mixes [873:30/04/15]	[753: 24/02/15] 237642.00	[5173: 27/02/15] 237642.00
232.	<b>M/S SHEELA CONSTRUCTION</b> Engineers and Contractors, GURUKRIPA Shriram Nagar, Phase - 2, Street-3 Shankar Nagar, Raipur-495007 (C.G.) [Nil: 06-05-2015]	Proof Checking of Structural Design and Drawings for RCC Box, and Thrust Bed, four nos. [954: 28-05-2015]	[882: 07/05/2015] 112360.00	[5293: 08/05/15] 112360.00
233.	<b>The Executive Engineer,</b> Kelo Project , Survey Division Raigarh [40:02/01/15]	Design of bridge Superstructure [987:23/07/15]	[896: 06/04/2015] 224720.00	[5249: 06/04/15] 224720.00
234.	<b>M/s Dee Vee Projects Limited, Engineers and Contractors</b> First Floor, Vikas Complex P. H. Road Korba, Chhattisgarh (India) [Nil : 13/12/2013]	Proof checking of Design and Drawing for EWS-I Houses [173: 18/08/2015]	[371: 23/12/2013] 28090.00	[4436: 23/12/2013] 28090.00
235.	<b>M/s Naya Raipur Development Authority Raipur [1325:12/07/15]</b>	Design of various concrete mixes [220:09/09/15]	[100: 21/07/15] 128250.00	[5432: 24/07/15] 128250.00
236.	M/S Shaju Daniel, C Class Contractor Raipur, Chhattisgarh [Nil: 16/09/2015]	Structural Design and Drawing of 50000 Galon Capacity Sump well [377: 28/10/15]	[269: 24/09/2015] 28500.00	[5504: 24/09/15] 123596.00
237.	M/S Subham Infrastructures Engineers and Contractors, L-2 Vinoba Nagar, Near Ambe Tower Bilaspur-495001 Chhattisgarh [Nil: 21/09/2015]	Proof Checking of design and drawing of Thrust Bed of LHS. [375: 28/10/2015]	[270: 24/09/15] 28500.00	[5506: 24/09/15] 123596.00
238.	<b>M/s A. C. C Ltd,</b> Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG [JLP/NIT/2014/010:11/10/14]	Design Verification and Proof Checking of ACC LTD's OLBC crossing foundation at the nandini road. [210: 04/09/2015 ]	[276: 15/10/14] 28040.00	[500: 20/11/14] 28040.00
239.	The Executive Engineer, Chhattisgarh Housing Board, Division-Rajnandgaon, (C.G.) [2033:10/08/2015]	Proof checking of Structural Drawing of 2.00 lac litre capacity sump-well. [226: 09/09/15]	[150: 13/08/15] 28500.00	[5473: 25/08/15] 28500.00
240.	<b>M/s L &amp; T Metallurgical and Material Handling [1036:04/10/15]</b>	Design of various concrete mixes [320:12/10/15]	[190: 27/08/15] 64125.00	[5482: 08/09/15] 64125.00



241.	<b>M/s Nagar Nigam Korba (C.G.)</b> <b>[7757:23/06/15]</b>	Design of various concrete mixes [288:01/10/15]	[244: 16/09/15] 35910.00	[5490: 16/09/15] 35910.00
242.	<b>M/s Nagar Nigam Korba (C.G.)</b> <b>[4245:29/06/15]</b>	Design of various concrete mixes [289:01/10/15]	[245: 16/09/15] 35910.00	[5491: 16/09/15] 35910.00

**Consultancy Projects successfully completed in 2016-2017 (More than 39 Projects)**

243.	<b>M/s A. C. C Ltd</b> , Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG <b>[JLP/NIT/2015/011 : 31/10/15]</b>	Design Verification and Proof Checking of Fluming for the RCC Box Culvert Rail Bridge at RD 52.61 Mile-Tandula main Canal. <b>[460: 16/11/2015 ]</b>	[406A: 03/11/15] 28500.00	[1030: 04/11/15] 28500.00
244.	M/S BSBK Private Limited, Fourth Floor, Surya Treasure Island Mall, Junewani, Bhilai- Chhattisgarh (India) <b>[01: 22/09/2015]</b>	Proof checking the design for construction of Major Bridge. [483: 01/12/15]	[ 276 :28-09-15] 94858.00	[5969: 27/10/15] 94858.00
245.	M/S Subham Infrastructures Engineers and Contractors, L-2 Vinoba Nagar, Near Ambe Tower Bilaspur-495001 Chhattisgarh <b>[Nil: 26/10/2015]</b>	Proof Checking of design and drawing of Thrust Bed of LHS. <b>[42: 21/12/2015]</b>	[461: 17/11/15] 28625.00	[5602: 17/11/15] 28625.00
246.	M/s Gayatri Projects Ltd <b>[162: 17/11/2015]</b> LKY+AVA	Bearing Capacity Estimation by SPT <b>[72(A): 04/01/2016 ]</b>	[470 :24-11-15] 23186.00	[5645: / /15] 23186.00
247.	M/s CUBE Engitech Consultant Private Limited, 14 Jalvihar Colony, Raipur-492001 (C.G.) <b>[05 : 22/07/2015]</b>	Traffic study survey for fly over proposal at Raipur (Raipur Railway station to Police Head Quarter) <b>[263A: 08/01/2016 ]</b>	[105: 08/01/16] 28625.00	[5685: 08/01/16] 28625.00
248.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Mahasamund, Distt Mahasamund, (C.G.) <b>[392:04/03/2016]</b>	Rescruting of Snactioned DPR for Long Span Bridges 1). Jhalap Rampur Road on Sukha Nala 2), Jamdarha Nala 600.00 mts at Pursottam Road <b>[256: 04/02/2016 ]</b>	[ 42 :21-12-15] 188805.00	[5686: 16/01/16] 188805.00
249.	The Subdivisional Officer, Public Works Department, Bhaisma Sub Division, Bhaisma (C.G.) <b>[15:04/01/2016]</b>	Design of Dowel Bars and Tie Bars for the Upgradation of Cement CONCRETE Pavement from Madanpur Bhasin road of length 12.90 km with design mix M-30 garde of concrete. <b>[275:08/02/2016]</b>	[ 181 :20-01-16] 34350.00	[5733: 28/01/16] 34350.00
250.	The Executive Engineer cum Member Secretary, PIU-1, Chhattisgarh Rural Road Development Agency Raipur, (C.G.) <b>[559 : 11/03/2016]</b>	Scruting of revised DPR for package no CG-14-123 Amethi to Gudguda Road <b>[498: 18/03/2016 ]</b>	[407: 15/03/16] 85000.00	[5816: 16/03/16] 85000.00
251.	M/s CUBE Engitech Consultant Private Limited, 14 Jalvihar Colony, Raipur-492001 (C.G.) <b>[67_1 : 18/01/2016]</b>	Traffic study survey for fly over proposal at Raipur (R K College to Shastri Chowk or Motibag) <b>[39: 01/04/2016 ]</b>	[180: 20/01/16] 34350.00	[5796: 01/03/16] 34350.00
252.	The Senior Manager (Civil Engg)-II, Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh <b>[CW 28: 02/03/2016]</b>	Proof checking of Old Age Homes at Mana Camp near Swami Vivekanand Airport under CSR Program <b>[618: 15/04/2016 ]</b>	[ 402 :10-03-16] 80625.00	[5813: 15/03/16] 80625.00
253.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) <b>[299: 20/03/2016]</b>	Rechecking of Scrutinized DPR for bridge on Basa Nala (Kusmi block, Distt Balrampur) on Dhaneshwar to Podipa road at 1700 mts dur to change in foundation strata <b>[748: 18/05/2016 ]</b>	[ 585 :08-04-16] 239843.00	[5856: 08/04/16] 239843.00
254.	M/S BSBK Private Limited, Fourth Floor, Surya Treasure Island Mall, Junewani, Bhilai- Chhattisgarh (India) <b>[190: 17/05/16]</b>	Proof checking of Bearings for Major Bridge at 18.846 Km Chainage of Span 21.0 mts. [788: 30/05/16]	[ 745 :17-05-16] 34350.00	[5929: 19/05/16] 34350.00
255.	M/s Krishna Speciality Chemical Pvt.	Concrete Mix Design for M-20 to M-35 using	[ 270 :08-02-16]	

	Ltd. "Krishna" 16/259 Behind Shiva Temple, Vidya Nagar, Bilaspur-495004 (C.G.) India [269.2 : 18/01/2016]	admixture 500-I [735 : 16/05/2016]	145530.00	[5795: 01/03/16] 34350.00
256.	M/s EPOXY Shied [465: 24/02/2016]GDR+SVD	Site Visit [684: 02/05/2016 ]	[610 :12-04-16] 34350.00	[5872: 02/06/16] 34350.00
257.	The Executive Engineer, Chhattisgarh Housing Board, Division-3 Raipur, (C.G.) [2043:20/10/2015]	Structural Proof Checking of Auditorium cum Library Building in campus of State Forest Research and Training Institute Raipur. [783: 26/05/2016 ]	[ 405 :02-11-15] 140790.00	[5585: 03/11/15] 140790.00
258.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Baloda Bazar, Distt Baloda Bazar Bhataparur, (C.G.) [392:04/03/2016]	Proof checking of sanctioned DPR, revised due to increased traffic for Manilpur to Ranijarod and Padkidih to Tekari road [803: 01/06/2016 ]	[ 179 :20-01-16] 289628.00	[5810: 10/03/16] 289628.00
259.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Baloda Bazar, Distt Baloda Bazar Bhataparur, (C.G.) [392:04/03/2016]	Proof checking of sanctioned DPR, revised due to increased traffic for Manilpur to Ranijarod and Padkidih to Tekari road [803: 01/06/2016 ]	[ 809 :02-06-16] 89596.00 Supplymentary bill Total bill 379224.00	[6012: 13/07/16] 89596.00
260.	The chief Engineer and The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Baloda Bazar, Distt Baloda Bazar Bhataparur, (C.G.) [CE 5705/8572/RC-7 : 27/05/2016]	Proof checking of sanctioned DPR (Package No CG 14-115) Lawn to Turma, revised due to increased traffic [897: 04/07/2016 ]	[798: 31/05/16] 285005.00 and [810: 02/06/16] 178750.00 Total 463755.00	[5960: 02/06/16] 285005.00 and [5968: 10/06/16] 178750.00 Total 463755.00
261.	The Executive Engineer, Chhattisgarh State Power Transmission Company Ltd. (Civil Transmission) Division Tifra - Bilaspur, (C.G.) [30:04/04/2016]	Site inspection for 132 KV substation Building at Mungeli for consulation and remedial measures for developed cracks [1048: 19/08/2016 ]	[ 589 :11-04-16] 34350.00	[5962: 07/06/16] 34350.00
262.	M/s Dilip Bulcon [001: 15/07/2016]GDR+SVD	Site Visit for inspection of cracked Prestressed Girders. [1091: 08/09/2016 ]	[1010 :05-08-16] 34350.00	[6066: 09/08/16] 34350.00
263.	M/s A. C. C Ltd, Jamul Integrated Projects, P O Jamul Cement Works, Distt Durg-490024, CG [JLP/NIT/2015/012 : 21/12/15]	Design Verification and Proof Checking of ACC LTD's Packing Plant Main Building height 32.0 mts. [1135: 22/09/2016 ]	[52: 23/12/15] 243885.00 and [374: 02/03/16] 314875.00 Total 558760.00	[6070: 11/08/16] 243885.00 and [6071: 11/08/16] 314875.00 Total 558760.00
264.	M/s Shree Cement Limited, Village Khapardih, Tehsil Simga, Distt-Baloda Bazar-493332 (C.G.) India [NIL : 08/07/2016]	Concrete Mix Design for M-40 for brown field project [1474 : 10/11/2016]	[ 927 :13-07-16] 43700.00	[6035: 28/07/16] 43700.00
265.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh [43-45: 05/10/2016] SD	Design of Granulated Sub Base [1517: 30/11/2016 ]	[ 1456 :09-11-16] 39054.00	[6163: 09/11/16] 39054.00
266.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh [46-48: 05/10/2016] SD	Design of Wet Mix Macadam [1517: 30/11/2016 ]	[ 1189 :07-11-16] 39054.00	[6164: 09/11/16] 39054.00
267.	The Divisional Engineer-I Raipur SECR Raipur-492008 Chhattisagrh [No6BS/353/31TS/104/604: 09/08/2016]	Proof checking of Drawings for provisions of Water Recycling Plant of capacity 0.5MLD near RPF colony at Raipur Station. [1536:07/12/2016]	[1079:31-08-2016] 34500.0	[6103:12-09-2016] 34500.00
268.	The Suptending Engineer Chhattisgarh Rural Road Development Agency,Project Circle	Proof checking Sanctioned DPR (Package No C.G. 0274) Darri to Vijaypur due to increased Traffic [1612: 23/12/2016 ]	[ 793 :30-05-16] 130007.00	[6021: 22/07/16] 130007.00

	Bilaspur, Distt Bilaspur (C.G.) <b>[9491/RC-3LSB/CGRRDA/2016 Bilaspur : 28/05/2016]</b>			
269.	The Suprintending Engineer Chhattisgarh Rural Road Development Agency,Project Circle Bilaspur, Distt Bilaspur (C.G.) <b>[2662/RC-3LSB/CGRRDA/2016 Bilaspur : 07/06/2016]</b>	Rechecking Scrutinized DPR for Road on T04 to Ariaband Road Darri to Vijaypur due to increased Traffic <b>[1611: 23/12/2016 ]</b>	[ 872 :24-06-16] 56822.00	[6101: 9/9/16] 56822.00
270.	The Assistant Engineer, RCSD II, CPWD, Zeropoint Raipur <b>[54(54)/AE-RCSD/16-17/175 Raipur : 02/11/2016]</b>	M-25 grade Concrete Mix Design <b>[1660 : 23/12/2016]</b>	[ 1457 : 09-11-16] 34155.00	[6165: 9/11/16] 34155.00
271.	The Suprintending Engineer Chhattisgarh Rural Road Development Agency,Project Circle Bilaspur, Distt Bilaspur (C.G.) <b>[2013/Tech/CGRRDA/2016 Bilaspur : 27/04/2016]</b>	Rescrutinizing of revised DPR for Long Span Bridge on SONE River (Darrikundi to Devridand road at 1560 M RD) <b>[1648: 04/01/2017 ]</b>	[ 686 :02-05-16] 274992.00	[5944: 25/5/16] 274992.00
272.	The Suprintending Engineer Chhattisgarh Rural Road Development Agency,Project Circle Bilaspur, Distt Bilaspur (C.G.) <b>[2518/RC-3LSB/CGRRDA/2016 Bilaspur : 01/06/2016]</b>	Rescrutinizing of sanctioned DPR for Long Span Bridge on Pasan Pipariya to Kumari Darri road road at 4650 M RD) <b>[1677: 13/01/2017 ]</b>	[ 840 : 16-06-16] 58167.00	[6088: 23/08/16] 58167.00
273.	The Suprintending Engineer Chhattisgarh Rural Road Development Agency,Project Circle Bilaspur, Distt Bilaspur (C.G.) <b>[2518/RC-3LSB/CGRRDA/2016 Bilaspur : 01/06/2016]</b>	Rescrutinizing of sanctioned DPR for Long Span Bridge on Pasan Pipariya to Kumari Darri road road at 5000 M RD) <b>[1676: 13/01/2017 ]</b>	[ 841 : 16-06-16] 58506.00	[6089: 23/08/16] 58506.00
274.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh <b>[172-175: 01/02/2017] SD</b>	Estimation of CBR <b>[1064: 09/01/2017 ]</b>	[ 1516 :30-11-16] 69000.00	[6224: 13/12/16] 69000.00
275.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh <b>[93-96: 08/11/2016] SD</b>	Design Mix of DBM/DAC/SDAC <b>[1729: 24/01/2017 ]</b>	[ 1477 :16-11-16] 177514.00	[6189: 28/11/16] 177514.00
276.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh <b>[97-100: 15/11/2016] SD</b>	Design Mix of DBM/DAC/SDAC <b>[1750: 02/02/2017 ]</b>	[ 1516 :30-11-16] 145038.00	[6223: 13/12/16] 145038.00
277.	The Senior Manager (Civil Engg)-II, AAI Swami Vivekanand Airport Raipur, Raipur – Chhattisgarh <b>[122-125: 19/12/2016] SD</b>	Estimation of GSB <b>[ : 02/02/2017 ]</b>	[ 1598 :21-12-16] 31050.00	[6282: 10/01/17] 31050.00
278.	The Executive Engineer, Raipur Central Division, CPWD, Zeropoint Raipur <b>[23(300)(2)/RCD/16-17/1375 Raipur : 17/11/2016] MM</b>	M-25 and M-30 grade Concrete Mix Design <b>[1762 : 08/02/2017]</b>	[ 1492 : 24-11-16] 136620.00	[6184: 28/11/16] 34155.00
279.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Jaspur, Distt Jaspur, (C.G.) <b>[690/Account/LSB/PIU-01/16 Jaspur :28/04/2016]</b>	Rechecking of Sanctioned DPR of L S B on Ghaghra to SonqYary at 11.40 km on Charwanalla(Box type bridge in place of open foundation)+ <b>[1877: 09/03/2017]</b>	[699 :06-05-16] 241751.00	[5912: 06/05/16] 241751.00
280.	M/s NSPR Construction Pvt. Ltd. 8-2-120/86/5-B, Sneha House Road No 3 Banjara Hills Hyderabad-34 (Telanga)	Proof Checking of RCC Design of Bridge at KM44+640. <b>[1883: 09/03/2017]</b>	[1616 :26-12-16] 63250.00	[6258: 27/12/16] 63250.00

	[NSPR/ADB/P-12/KDT/233: 17-12-16]			
281.	The Executive Engineer, P.W.D. Division No 2 Raipur [5620/14-9/Auditorium/TECH/2015-16 Raipur: 21/12/2015] GDR	Proof Checking of Design and Drawing of Auditorium Building at Pt J N N Memorial Medical College at Raipur [ : 10/03/2017]	[288 :01-02-16] 858750.00	[5832: 28/03/16] 858750.00

**Consultancy Projects successfully completed in 2017-2018 (More than 49 Projects)**

282.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) [378: 16/03/2017] UKD	Rechecking / Rescrutinizing of revised DPR C.G. 16-74 Karkali to Bhulsikala road at RD 2950 m long span bridge on Ponhar River due to change in foundation strata [2006: 13/04/2017 ]	[1977 :06-04-17] 107151.00	[6400: 06/04/17] 107151.00
283.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) [326: 08/03/2017] UKD	Rechecking / Rescrutinizing of revised DPR for Shankargarh Bachvarpara to Vinaypur Uperwara road at RD 15240 m long span bridge on Podi River due to change in foundation strata [2007: 13/04/2017 ]	[1887 :14-03-17] 65527.00	[6388: 29/03/17] 65527.00
284.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) [247: 26/02/2017] GDR	Proof Checking of revised DPR for Ambikapur, Ramanujanj to Mahuadand at RD 2350 m on Sansu River due to change in foundation strata [21: 01/05/2017 ]	[1822 :22-02-17] 193746.00	[6390: 29/03/17] 193746.00
285.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) [274: 01/03/2017] UKD	Proof Checking and rescrutinizing of revised DPR for CG-16-79 Badhambhtola to Udersai Road Khaspara at RD 7700 m long span bridge on Tengan Nallah due to change in foundation strata [ : 25/05/2017 ]	[1860 :07-03-17] 78643.00	[6391: 29/03/17] 78643.00
286.	The Executive Engineer cum Member Secretary, PIU, Chhattisgarh Rural Road Development Agency Rajpur, Distt Balrampur (C.G.) [249: 20/02/2017] UKD	Proof Checking of revised DPR for SH-12 Patna Jaspur Road Berdihkala at RD 425 m on Bhupka River due to change in foundation strata [ : 25/05/2017 ]	[1823 :22-02-17] 178037.00	[6389: 29/03/17] 178037.00
287.	The Executive Engineer, Public Works Department, Division No 2, Raipur-Chhattisgarh [1171: 20/02/2017]	RCC Structural Design of Barracks for 50 prisoners proposed at Central Jail Raipur [406: 10/08/2017 ]	[1861 :07-03-17] 230000.00	[6444: 02/05/17] 230000.00
288.	The Executive Engineer, Public Works Department, Division Durg, Durg-Chhattisgarh [4577: 15/06/2017] +others	Structural Design of various Buildings for Tribal Welfare Department. (100 and 250 Seater Boys/Girls Hostel) [502: 27/09/2017]	[171 :19-06-17] 1626390.00	[6530 :27-06-17] 1626390.00
289.	The Executive Engineer Cum Member Secretary P.I.U. Chhattisgarh Rural Road Development Agency Rajpur Distt. Balrampur- Chhattisgarh [943: 03/07/2017] UKD	Proof checking and rescrutinizing of revised Bridge DPR, for PMGSY package No CG 16-71 SH-12 Patna Jaspur Road (Chando) to Chatniya Kahuya Road at RD 9000 M Long Span Bridge on Lotma River due to change in foundation strata [577: 07/11/2017]	[0055 :1-09-17] 146315.00	[6590 :1-09-17] 146315.00
290.	The Assistant General Manger (RH) Bank of Baroda, Regional Office Raipur Jeevan Prakash, Jeevan Bima Marg Pandri Raipur (Chhattisgarh) [407: 27/07/2015]	Vetting of Structural Drawing for Bank's Project i.e. "Construction of Residential Building/s in sector-26 at Naya Raipur (C.G).. [413: 15/03/2016]	[138 :05-08-15] 430674.00	[5595 :09-11-15] 430674.00
291.	The Executive Engineer, Public Works Department, Division Khairagarh, Khairagarh-Chhattisgarh [2012: 24/04/2017]	Prof Checking of the RCC Structural Design and Drawing of proposed Art Gallery Building at Indira Kala Sangeet Vishva Vidyalay Khairagarh [326: 18/07/2017 ]	[47 :11-05-17] 117783.00	[6460 :18-05-17] 117783.00
292.	Mr J. P. Mishra, Vice President, BARBRIK DEE VEE (JV), A-24 ASHOKA Millennium, Ring Road No. 1,	Prof Checking of Design and Drawing of Bridge at Chainage 289.270 Km (Minor Bridge of 1x22.00 m) of NH 43.	[1103 :12-09-16] 38700.00	[6108 :16-09-16] 38700.00

	New Rajendra Nagar Raipur -492001 (C.G.) [238: 26/08/2017 ]	[349: 25/07/2017 ]		
293.				