CURRICULUM VITAE

**1.** **NAME AND DESIGNATION** **DR. MANORANJAN PARIDA** PROFESSOR

**2.** **Address**

 **(a)** Official (with Telephone/ Transportation Engineering

Fax No./E-mail) Group, Department of Civil

Engineering, Indian Institute

of Technology, Roorkee

 U.K. - 247 667, INDIA

 Telephone:01332-285448 (O) Fax: 01332-273560, 275568

 E-mail: mparida@gmail.com

MOBILE: 09837423963

 **(b)** Residential (with Telephone No.) 59/3,Ravindra Lok,

Indian Institute of Technology

Roorkee

 U.K. - 247 667 INDIA

 Tel. No.: 01332 - 285443

 - 271624

**3.** **Date of Birth** 4th December 1965

**4.** **Nationality** INDIAN

**5.** **Specialisation** Urban Transport Planning

**6. EMPLOYMENT PROFILE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FROM | **TO** | **POSITION HELD** | **ORGANISATION** | **DEPARTMENT** |
| 19.12.2007 | Till date | Professor | I.I.T. Roorkee | Civil Engg. |
| 3.2.2004 | 18.12.2007 | Associate Professor | I.I.T. Roorkee | Civil Engg. |
| 26.6.97 | 2.2.2004 | Assistant Professor | I.I.T. Roorkee | Civil Engg. |
| 1.7.96 | 25.6.97 | Lecturer | I.I.T. Roorkee | Civil Engg. |
| 28.2.95 | 30.6.96 | Assistant Town &Country Planner | TCPO, Min. of Urban Affairs & Employment, Govt. of India | Special Projects Division |
| 1.8.94 | 30.11.94 | Fellow A | University of Roorkee | Civil Engg. |
| 2.7.90 | 31.7.94 | CSIR SRF | University of Roorkee | Civil Engg. |
| 16.1.90 | 29.6.90 | Institute Fellow | I.I.T., Delhi | Civil Engg. |
| 27.9.89 | 9.12.89 | Lecturer | IGIT, Talcher | Civil Engg. |
| 12.6.89 | 31.7.89 | Research Associate | School of Planning & Architecture, New Delhi | Urban Planning |
| 23.2.89 | 22.5.89 | Junior Town Planner | Cuttak Dev. Authority | Town Planning |

**7.** **ACADEMIC QUALIFICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Year** | **Examination** |  **Institute** |
| 1. | 1995 | Ph.D. (Civil Engineering) | University of Roorkee(present IIT Roorkee) |
| 2. | 1989 | M. Planning (Urban Planning) | School of Planning & Arch., New Delhi |
| 3. | 1987 | B.Sc. Engg. (Civil) | Sambalpur University |

**8.** **HIGHLIGHTS OF IMPORTANT CONTRIBUTION**

**(a) Thesis Supervised (Annexure - I)**

 Completed – 8 Ph.D. Thesis & 71 M.E./M.Tech. Theses

 In progress – 6 Ph.D. Thesis & 10 M.Tech Theses

**(b) Publications - 284 Nos. (Annexure - II)**

 Journal – 95

**(c) Sponsored Projects (Annexure - III)**

 (i) Sponsored Research Projects 14 Projects

 (ii) Consultancy Projects 304 Projects

**(d) Awards/Honors (Annexure - IV)**

**(e) Membership of Professional Society (Annexure -V)**

**(f) Laboratory Handled (Annexure - VI)**

 1. Highway Material Testing Laboratory

1. Traffic Engineering Laboratory
2. Modelling, Analysis & Simulation

Development of Traffic Engineering Laboratory and Renovation of Pavement Test Hall in Transportation Engineering Section, Civil Engineering Department at Institute of Technology Roorkee.

 **(g) Courses Taught (Annexure - VII)**

 (i) P.G. Level - 7 Nos.

(ii) U.G. Level - 4 Nos.

**( M. PARIDA )**

**Annexure - I**

## DETAILS OF THESIS SUPERVISION

**A. Ph.D. Supervision**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Name of Student** | **Reg. Year and Status (FT/PT)** | **Thesis Title** | **Other Supervisor(s)** **(if any), Name & Department** | **Completed/ Ongoing** |
| 1. | Sanjiv Kumar (QIP R/S) | 2000 FT | Development of Pavement Management System for Indian National Highway Network | Prof. S.S.Jain | Awarded |
| 2. | D.T. Thube(Institute Fellow) | 2003 FT | Performance Based Maintenance Management for Rural Roads | Prof. S.S. Jain | Awarded |
| 3. | V.S. Landge(QIP R/S) | 2003 FT | Development of A Methodology for Road Safety for a National Highway | Prof. S.S. Jain | Awarded |
| 4. | R. Randhawa(Asstt. Director) | 2002 PT | Environmental Noise Impact Assessment of Metropolitan Transport Infrastructure Development | Prof. I.H.Khan(JMIU, Delhi)Prof. Khalid Moin(JMIU, Delhi)Prof. S.S. Jain | Awarded |
| 5. | Ami H.Shah | 2007 FT | Development of Integrated Public Transport System for Delhi  | Prof. S.S.Jain |  Awarded |
| 6. | Rajeev Kumar Mishra | 2007 FT | Environmental Management System for Transport Operation  | Dr. S.N. Rangnekar | Awarded |
| 7. | Pawan Kumar | 2008 FT | Planning and Design of Multi Modal Transportation Infrastructure | Prof. S.Y. Kulkarni | Awarded |
| 8. | A.K. Shukla(Faculty fromIET Lucknow) | 2002 PT | Analysis and Modelling of Traffic Related Environmental Pollution forMetropolitan City | Prof.J.B.Srivastava(IET, Lucknow)Prof. S.S. Jain | Awarded |
| 9. | Kranti Kumar | 2009 FT | Analysis & Modelling of Traffic Safety | Prof. V.K. Katiyar |  Submitted  |
| 10. | P.Naveen Kumar | 2010 FT | Modelling Accidents for Multilane Highways | Prof.S.S.Jain | On Going |
| 11. | Gaurav Jain | 2009 FT | Development of Public Transport Information System Using GPS & GIS | Prof. S.S. Jain | On going |
| 12. | Mansha Swami | 2012 FT | Operational And Spatial Effectiveness Of Metropolitan Transportation | NA | On Going |
| 13. | Pooja Singh | 2012 FT | Sustainable urban Transport: Planning for Low Carbon City | Dr.P.S.Chani | OnGoing |
| 14. | Tanuj Chopra | 2009 PT | Pavement Management System for Urban Roads | Dr.NaveenKwatra | On Going |

1. **M.Tech. Thesis (Under Progress) = 06**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **Topic** | **Supervisor** | **Session** |
| 1 | Nand Kishore | Pedestrian Flow Modelling around Transportation Terminals | M. Parida | 2013-14 |
| 2 | Saygaonkar Prathamesh  | Station Area Development Approach for Enhancing Multimodal Urban Transport | M. Parida | 2013-14 |
| 3 | Shellja Bansal | Measuring Quality of Urban Public Transport using Data Envelopment Analysis(DEA) | M. ParidaA. Ramesh | 2013-14 |
| 4 | Tushar Sharma | Development of Crash Modification Factors for Four Lane National Highway | M. Parida | 2013-14 |
|  |
| 5 | Anteneh Afework Mekonnen | ANN Application in Road Safety Modelling | M.Parida | 2012-13 |
| 6 | P. Phani Kumar | Performance Analysis of Multimodal Transport System using VISUM | M.Parida | 2012-13 |
| 7 | Prashant Kumar Azad | Development of Combined Pavement Condition Prediction Model for Flexible Pavement  | S.S.JainM. Parida  | 2012-13 |
| 8 | Vijay Krishna | Benchmarking Service Level for Public Transport Operation in a City  | M.Parida | 2012-13 |
| 9 | Avinash S. Rajpurohit | Design of Noise Barrier for Four Lane National Highway  | S.S.JainM.Parida | 2011-12 |
| 10 | Abhishke K. Rajput | Modelling of Crashes for Four Lane National Highways  | M.ParidaS.S.Jain | 2011-12 |

**C. M.Tech. Thesis (Awarded)**

| **S.No.** | **Name of Student** | **Title of Dissertation** | **Supervisor(s)** | **Session** |
| --- | --- | --- | --- | --- |
|  | Abdullah Ahmad | Pavement Performance Study for Four Lane Highways | S.S.JainM.Parida | 2011-12 |
|  | Amit Kumar Damde | Calibration of HDM-IV for Urban Road Network  | M.ParidaS.S.Jain | 2011-12 |
|  | P. Mallikarjuna Reddy | Accident Information System for A Stretch of National Highway  | M.ParidaS.S.Jain | 2011-12 |
|  | Vishal Bhatt | Development of Pavement Management System for Urban Arterial Network  | S.S.JainM.Parida | 2011-12 |
|  | Amit Ranjan | Development of Noise Maps for Roorkee | M.ParidaR.D.Garg | 2011-12 |
|  | Akash Chavercode Prakasan | Development of Urban Road Management System Using Analytical Hierarchy Process (AHP) | Dr. Devesh Tiwari, CRRI | 2010-11 |
|  | Devendra Kumar | Pavement Deterioration Modelling for Four Lane National Highway | Prof. S. S. Jain  | 2010-11 |
|  | V. G. Narayana | Operational Analysis for Ring Railway as Constituent Mode of MMTS  | Prof. S.S. Jain  | 2010-11 |
|  | Chalak Prafullakumar Annasaheb | Application of Ann for Access Mode Choice for a Multimodal Transport System | Prof. S.S. Jain | 2010-11 |
|  | M Rajshekhar | Development of Traffic Safety Indices for India | Prof. S.S. Jain | 2010-11 |
|  | Pradeep Kumar Singh | Road Safety Audit for Four Lane National Highways | Prof. S.S.Jain  | 2010-11 |
|  | Narsimharao Veeravalli | Design of Feeder Routes for Integrated Operation of Public Transport System in Delhi | Prof.S S Jain | 2009-10 |
|  | Satyam Mishra | Modal Choice Modelling for Multimodal Transport System in Delhi | Prof.S S Jain | 2009-10 |
|  | Vinod Pulnote | Travel Demand Modelling for Delhi Using Visum | A C Srivastava | 2009-10 |
|  | Ravi Kiran Rao Aluri | Analysis & Design of Interchange for Urban Multimodal Transport Operation | Prof. S.S.Jain | 2008-09 |
|  | U Veer Hanuman | Evaluation and Design of Noise Barriers | Prof. S.S.Jain | 2008-09 |
|  | Rajeev Muneshwar | Effect of Freezing and Thawing on Concrete Pavements | Dr.M.P.S.Chauhan | 2008-29 |
|  | Mr.Subhas Mondal | Analysis of Travel Pattern for Delhi Metro Corridors | Prof.S.S.Jain | 2007-08 |
|  | Mr.Chinta Sudhakar Rao | Performance Evaluation of its Operation in Delhi | Prof.S.S.Jain | 2007-08 |
|  | Ms. Avirneni Deepti | Behaviour of Ferro Fibro Crete Pavements Under Impact | Dr.M.P.S.Chauhan | 2007-08 |
|  | Maj. Kapil Dev Sharma | Artificial Neural Network in Transport Related Pollution Modelling | Prof. S.S. Jain | 2006-07 |
|  | Mr. Ritesh Roshan Das | Development of Composite Performance Indices for Rural Roads in Uttaranchal | Prof. S.S. Jain | 2006-07 |
|  | Mr. N. Vijaya Prashanti | Traffic Projection Techniques for Two Lane National Highway | Dr. M.P.S. Chauhan | 2006-07 |
|  | Mr. S.C. Loonia | Analysis of Accidents for National Highways in Hilly Region | Dr. M.P.S. Chauhan | 2006-07 |
|  | Mr. Gautam Kumar Dash | Flexural Fatigue Analysis of Ferro-Fibro Crete Pavements | Dr. M.P.S. Chauhan | 2006-07 |
|  | Mr.S.Ranga Swami | Planning of Public Transport System for Dehradun | Prof.S.S.Jain | 2006-07 |
|  | Mr.Devi Prasad Mahapatra | Block Level Transport Network Planning and Management Using GIS | Dr. S.K. Ghosh | 2006-07 |
|  | M. Chakravarthy | GIS Application forIdentification of Accident Black Spots | Dr. S.K. Ghosh | 2005-06 |
|  | Sadavarte Kapil | Modelling of Accidents for Urban Areas | Dr. S.S. Jain  | 2005-06 |
|  | Mohit Verma | Development of Deterio-Ration Models for Rural Roads in Uttaranchal | Dr. S.S. Jain | 2005-06 |
|  | S.S. Jaiswal | Prediction of Accidents for Heavily Trafficked Non-Urban Highways | Dr. S.S.Jain | 2005-06 |
|  | S.K. Mishra | Safety Evaluation of Alternative Highway Design in a Computer Aided Design (CAD) Environment | Dr.(Mrs.) Ila Gupta | 2005-06 |
|  | Suresh Mogadala | Environmental Capacity of Urban Transport Network | Dr. S.S. Jain | 2004-2005 |
|  | Sunil Gupta | Development of Design Methodology for Rural Roads | Dr. S.S. Jain | 2004-2005 |
|  | Raj Kumar Singh | Geographical Transfer-Ability of Traffic Noise Prediction Models | Dr. S.S. JainDr. (Mrs.) Ila Gupta | 2003-2004 |
|  | Jitendra Singh  | Development of Remedial Measures for Accident Black Spots in Urban Areas | Dr. S.S. Jain | 2003-2004 |
|  | Sunil Narayan Patil | Development of Transport-ation Strategies for Garhwal Regions | Dr. S.S. Jain | 2003-2004 |
|  | K. Ravi Sankar | Preparation of DPR for Taj Expressway  | Dr. P.K. Garg | 2003-2004 |
|  | Y. Ahmed | Modelling & Analysis of Transport Related Air Pollution | Dr.(Mrs.) Renu Bhargava | 2003-2004 |

| **S.No.** | **Name of Student** | **Title of Dissertation** | **Supervisor(s)** | **Session** |
| --- | --- | --- | --- | --- |
|  | Ashutosh Rastogi | Performance Evaluation of Air Pollution Models | Dr. S.S.Jain | 2002-2003 |
|  | D.S.N.V. Amar Kumar | Noise Impact Assessment Due to Flyovers in Delhi | Dr. S.S.Jain | 2002-2003 |
|  | Yoganandu Jetti | Transferability of Traffic Noise Prediction Models | Dr. S.S.Jain | 2002-2003 |
|  | Ch. Renuka Devi | Development of Metropolitan Accident Management System | Dr. S.S.Jain | 2002-2003 |
|  | J.K. Uraon | Road Accident Analysis for Dehradun City Within GISEnvironment | Dr. S.K.Ghosh | 2002-2003 |
|  | Preeti Tiwari | Development of Prioritization Programme for Maintenance Management of Highways | Dr. S.S.Jain | 2002-2003 |
|  | J.K. Yadav | Development of Accident Management System forNational Highways | Dr. S.S.Jain | 2002-2003 |
|  | Pooja Singh | Planning and Design of Highway Side Amenities | Prof. R.K.Jain | 2002-2003 |
|  | Devender  | Modelling of Interrupted Traffic Flow Noise  | Dr. S.S.JainDr.V.K.Katiyar | 2001-2002 |
|  | Rupali J. Moon | Development of Highway Information System in GIS Environment | Dr. S.S.Jain | 2001-2002 |
|  | Vivian Robert R. | A Study on Transport Related Air Pollution  | Dr. S.S.JainDr. N. Sharma | 2001-2002 |
|  | Suresh Babu | Pavement Performance Modelling for PMS | Dr. S.S.Jain | 2001-2002 |
|  | M.U. Khobragrade | Analysis of transportRelated SPM  | Dr.(Mrs.) Renu Bhargava | 2001-2002 |
|  | Neeraj Gupta | Computer Aided Design of Highway Noise Barrier | Dr. S.S.Jain | 2000-2001 |
|  | Manish Patkar | Effect of Transfer Penalties in Metropolitan Mode Choice Modelling | Dr. S.S.Jain | 2000-2001 |
|  | H.R. Bairwah | A Study on Accident Stretches on NH-58 | Dr. S.S.Jain | 2000-2001 |
|  | A.K. Yadav | Development of A Software for Traffic Noise Prediction | Dr. S.S.Jain | 2000-2001 |
|  | N. Sreenivasulu | Air Pollution Study in Roorkee  | Dr.(Ms.) RenuBhargava | 2000-2001 |
|  | Pratush Kumar | Traffic Noise Prediction for Rural Highways | Dr. S.S.JainDr.V.K.Katiyar | 1999-2000 |
|  | G.R. Kalita | Noise Based Zoning for Roorkee  | Dr.(Ms.) RenuBhargava | 1999-2000 |
|  | Ch. Ravi Sekhar | Mode Choice Analysis Using Neural Network  | Dr. Satish Chandra | 1998-99 |
|  | M. Hema Sekhar | Analysis of Urban Road Traffic Through Simulation | Dr. Satish Chandra | 1998-99 |
|  | M.B. Kumar | Development of a Rational Approach for AccidentAnalysis and Road Safety in Delhi | Dr. S.S.Jain | 1998-99 |
|  | M.M.S. Rawat | Development of PMS for Urban Road | Dr. S.S.Jain | 1997-98 |

| **S.No.** | **Name of Student** | **Title of Dissertation** | **Supervisor(s)** | **Session** |
| --- | --- | --- | --- | --- |
|  | K. Bhavanarayana | Los Concept for Capacity of Pedestrian Facilities | Dr. S.S.Jain | 1997-98 |
|  | D. Siddiramulu | A Study on Urban Transport Environment Interaction | Dr. S.S.Jain | 1997-98 |
|  | J. Nataraju | Integrated Analysis of Bus Transportation Withrapid Transit System - Acase Study of Delhi | Dr. S.S.Jain | 1997-98 |
|  | P.K. Srivastava | A Study on Multimodal Transport for Delhi | Dr. S.S.JainDr. A.K.Gupta | 1997-98 |
|  | Manoj Kumar | Labour Based for Rural Road Construction | Dr. S.S.Jain Dr. A.K.Gupta | 1996-97 |
|  | Premal D. Mehta | An Analysis of Effects Ofprivatisation in Urban Public Transport | Dr. S.S.Jain Dr. A.K.Gupta  | 1996-97 |
|  | Kumar Vimal | Analysis of Urban Traffic Noise | Dr. S.S.Jain Dr. A.K.Gupta | 1996-97 |
|  | Pradeep Kumar | Analysis of Interface Between Rail and Bus Transportation System | Dr. S.S.Jain Dr. A.K.Gupta | 1996-97 |

**M.TECH PROJECT SUPERVISION**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Public Transport System Requirement for Bhubaneshwar  | Ritesh Roshan Das | 2006-07 |
| 2 | Traffic Management Plan for Bhubaneshwar  | Gautam Kumar Dash | 2006-07 |
| 3 | Development of EXCEL Worksheet for Analysis  | Maj. Kapil Dev Sharma  | 2006-07 |
| 4 | Design of Variable Message Signs for Urban Areas  | Subhash Mondal  | 2007-08 |
| 5 | Access Audit of Transportation System in IIT Roorkee  | Chinta Sudhakar Rao  | 2007-08  |
| 6 | Design of Variable Message Signs for Urban Areas  | Subhash Mondal  | 2007-08 |
| 7 | Access Audit of Transportation System in IIT Roorkee  | Chinta Sudhakar Rao  | 2007-08 |
| 8 | Development of a Spread Sheet for Transport Related Air Pollution Model | U Veer Hanuman  | 2008-09 |
| 9 | Design Service Volume and Capacity Analysis for Multi-Lane National Highways  | Ravi Kiran Rao Aluri | 2008-09 |
| 10 | Design of Rotary Intersections on NH-87 | J. Vamsheedhar  | 2008-09 |
| 11 | Travel Behaviour Analysis using Stated Preference Survey in Delhi  | Mithun Mohan  | 2009-10 |
| 12 | Capacity Analysis for Six Lane Expressway  | Satyam Mishra  | 2009-10 |
| 13 | Design of Noise Barrier for a Section of Delhi Metro  | Vinod Pulnote  | 2009-10  |
| 14 | Elasticity based vehicle growth forecasting | Chalak Prafullakumar Annasaheb | 2010-11 |
| 15 | Operational evaluation of speed breakers in IIT Roorkee campus | Chelluri Saikrishna | 2010-11 |
| 16 | Design of noise barrier for a stretch of elevated metro corridor in Kolkata | Dara Venkata Bavireddy Lalam | 2010-11 |
| 17 | Headway Distribution for Four Lane National Highway | Ganesh S. Doley | 2011-12 |
| 18 | Estimation of VDF From Static Weight Bridge Data | Sharad Kumar | 2011-12 |
| 19 | Characteristics of IPT Operation in Roorkee | Yashwanth Yamsani | 2011-12 |
| 20 | Planning of BRTS for the city of Addis Ababa using Lessons drawn from New Delhi  | Anteneh Afework Mekonnen | 2012-13 |
| 21 | Modelling Urban Traffic Flow for Roorkee using VISSIM  | P. Phani Kumar | 2012-13 |
| 22 | Analysis of Transportation Elasticity at National Level  | Vijay Krishna | 2012-13 |

**B.TECH PROJECT SUPERVISION (Completed)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No** | **Topic** | **Name of Candidate** | **Co-Supervisor** | **Year** |
| 1 | EIA of Expressways | Sagar GuptaSatish Kumar BundelkarYogesh KumarSudhir Kr. Meshram | Dr. Pramod Kumar | 2009-10 |
| 2 | GIS-Based Road Mapping and Analysis for 108 Emergeing Service | Anmish DasAnkur GulatiBoopesh PandeyDeepika TulsyanHarsimran Singh Grewal | Dr. R.D. GragDr. P.K. Garg | 2009-10 |
| 3 | Study on New Materials for Bituminous and Rigid Pavments in Urban Areas | Achal KumarHarsha KalyanSanjay Kumar Ravi | Prof. S.S. JainDr. Umesh K. Sharma | 2009-10 |
| 4 | Air Quality Impact of Urban Transport Development in Dehradun  | A.Uday KumarP.S. Sarat ChandraS.R.SrikanthDinesh AyyalaBalakrishna Sethi | Dr. B.R. Gurjar | 2006-07 |
| 5 | Environmental Impact Assessment and Mitigation of Traffic Operation on NH – 58  | Abhishek Amit VermaDivya SethiB.B. Nagpal  | Dr.(Mrs.) Renu Bhargava  | 2006-07  |
| 6 | Development of Emission Inventory for the City of Mumbai  | Ankit PurohitDivik GuptaAnkur Taparia Rajat Garg  | Dr. B.R. GurjarDr. M.Parida  | 2007-08 |
| 7 | Design of Grade Sepeated Pedestrain Facility at an Intersection  | Sawmya M.N.V.Sudhanshu Verma  | Prof. S.S.JainDr. P.K. GuptaDr. M.Parida  | 2007-08  |
| 8 | EIA of Public Transport System in Delhi  | Arun ShrmaMihir ParekhKamta PrasadDevesh Kumar  | Dr. B.r. GurjarProf. M.Parida  | 2008-09  |
| 9 | Noise Attenuation along Highway Corridors  | M. SaahithG. Sai KiranV. Rakesh Reddy  | Dr. Pramod KumarProf. M. Parida  | 2008-09 |

##### ANNEXURE –II

##### DETAILS OF RESEARCH PUBLICATIONS

A. ARTICLE PUBLISHED IN BOOK

1. Parida, M., Gupta, A.K., Khanna, S.K. (1994) “Determinants of Mode Choice of Commuters in Delhi”, Paper published in a book “Les transports dans Les villes du Sud – La recherche de solutions durables”, KARTHALA –CODATU

2. Parida, M. and Jain, S.S. (2003) “Transport Development in Delhi Metropolitan Area”, Article Published in a Book “Geography of Transport Development in India”, Ed. By B.C. Vaidya, Concept Publishing Company, NEW DELHI.

**B. LIST OF REFREED JOURNAL PAPERS**

1. Gupta, A.K., Sikdar, P.K., Vasan, R.M., Jain, S.S., Parida, M. (1991) “Strategies for Improved Mobility and Accessibility in Agra City”, ITPI Journal, September, Vol.10, No.1 (147).

2. Parida, M., Gupta, A.K., Khanna, S.K. (1992) “An Experimental Approach to Mode Choice Analysis”, Journal of ITPI, September.

3. Parida, M., Gupta, A.K., Khanna, S.K. (1992) “An Appraisal of Mode Choice Analysis and Research in India”, Indian Highways, November.

4. Gupta, A.K., Jain, S.S., Parida, M., Sharma, S. (1994) “Switching Behaviour of Commuters in Delhi”, Indian Highways, September.

5. Gupta, A.K., Sikdar, P.K., Vasan, R.M., Jain, S.S., Parida, M. (1995) “A Traffic Management Plan for Agra Heritage Project (AHP) Area”, Indian Highways, June.

6. Gupta, A.K., Parida, M., Mehta, S. (1995) “Development of Logit Software for Analytical Design of Mode Choice”, Journal of the Institution of Engineers (India), Civil Engineering Division.

7. Gupta, A.K., Parida, M., Kumar, V. (1996) “Development of a Generalised Logit Software in C-environment”, Indian Highways, Indian Roads Congress (IRC), New Delhi, December, pp. 5-16.

8. Gupta, A.K., Jain, S.S., Parida, M. (1997) “Mass transportation and sustainable development”, Journal of Institute of Transport Planners (ITPI), June.

9. Jain, S.S., Parida, M., Mehta, P.D. (1999) “Privatisation of Urban Bus Transport Around the World”, Indian Journal of Transport Management, Vol. 23, No.3, March.

10.\* Jain, S.S., Parida, M., Rawat, M.M.S. (1999) “A Rational Approach for Pavement Management System for Urban Roads”, Highways Research Bulletin No. 61, Indian Roads Congress, New Delhi, pp. 69-99.

11.\* Jain, S. S., Parida, M., Siddiramulu, D. (2000) “Development of a Software for Prediction of Road Traffic Noise”, Environmental Engineering Division Journal of Institution of Engineers (India), Vol. 80, February, pp. 25-34.

12. Chandra, S., Parida, M. (2000) “Can ITS Come to India in Next Millenium”, Indian Journal of Transport Management, Vol. 24, No. 2, February.

13. Parida, M., Jain, S.S., Bhavanarayana, K. (2001) “A Level of Service Concept for Capacity Analysis of Stairways”, Urban Transport Journal, Institute of Urban Transport (India), Vol. 2, No.1, March, pp. 74-92.

14. Bhattacharya, C.C., Jain, S.S., Singh, S.P., Parida, M., Mittal, N. (2001) “Development of Comprehensive Highway Noise Model for Indian Conditions”, Journal of Indian Roads Congress, IRC 62-3, pp.554A-488A.

15. Bhattacharya, C.C., Jain, S.S., Singh, S.P., Parida, M. (2002) “R&D Efforts in Prediction of Highway Traffic Noise”, Environment Engineering Division Journal of Institution of Engineers (India), October.

16. Nirjar, R.S., Jain, S.S., Parida, M., Sharma, Neeraj, V. Robert, R., Mittal, Namita (2002) “Development of Transport Related Air Pollutants Modelling for An Urban Area”, IRC Journal, Vol.63.2, September, Indian Roads Congress, New Delhi.

17. Aggarwal, S., Jain, S.S., Parida, M. (2002) “A Critical Appraisal of Pavement Management Systems”, IRC Journal, Vol.63.2, September, Indian Roads Congress, New Delhi.

18. Parida, M., Chandra, S., Ravi Sekhar, C. (2002) “Artificial Neural Network Based Mode Choice Analysis”, Highway Research Bulletin, IRC, No.67, Indian Roads Congress, New Delhi

19. Mittal, N., M. Parida and Jain,S.S.(2003) “A Modelling Framework for Transport Related Air Pollution Prediction for Urban Areas”, Urban Transport Journal (Special Issue), Vol.4, No.1, March, Institute of Urban Transport (India).

20. Aggarwal, Sanjiv; Jain, S.S. and M. Parida (2003) “Intelligent Technologies for Traffic Management”, Urban Transport Journal (Special Issue), Vol.4, No.1, March, Institute of Urban Transport (India).

21. Parida,M., Mittal,N. and Chauhan,M.P.S (2003) “Road Traffic Noise Abatement for Metropolitan Cities in India”, Urban Transport Journal (Special Issue), Vol.4, No.1, March, Institute of Urban Transport (India) .

22. Jain, S.S., Parida, M., Mittal, N. (2003) “Environmental Impact Analysis of Transportation Systems in Delhi”, ITPI Journal March.

23. Parida, M., Bhargava, R., Moni, U.K. (2003) “Analysis of Transport Related SPM” , Indian Journal for Environmental Protection,August.

24. Parida, M., Jain, S.S., Mitall, N. (2003) “Modelling of Metropolitan Traffic Noise for Delhi”, ITPI Journal,June.

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\* Awarded Paper

25. Nirjar, R.S., Jain, S.S., Parida, M., Katiyar, V.K., Singh, D. and Mittal, N. (2003),”A Study of Transport Related Noise Pollution in Delhi”, J. Institution of Engineers (India), Environmental Engineering Division, Vol. 84, September.

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4. Progress Report on “Development of a Scientific Approach to Road Safety for Indian Environment”, A TAPTEC Report submitted to AICTE, New Delhi, 1999.
5. A Progress Report on “Development of Pavement Management System for Urban Roads”, Under R&D Project “Development of Pavement Management System for Indian Highway Network”, submitted to AICTE, New Delhi, 1998.
6. Final Report on “Integrated Design and Analysis of Bus Transportation with Rapid Transit System”, A Major Research Project submitted to University Grants Commission, New Delhi, 2002.
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10. A Technology Watch Report on “Multimodal Transportation System, Planning & Design”, submitted to AICTE, New Delhi, 1998.
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13. First Technical Progress Report on “Transport Related Noise Study in Delhi on National Coordinated Project Urban Transport Environment Interaction”, submitted to AiCTE, New Delhi, 2002.
14. First Technical Progress Report on “Transport Related Air Pollution Study in Delhi on Nationally Coordinated Project Urban Transport Environment Interaction”, submitted to AICTE, New Delhi.
15. Final Report on Nationally Co-ordinated Project on Urban Transport Environment Interaction (Study on Transport Related Noise Pollution) submitted to AICTE, New Delhi.
16. Final Report on Nationally Co-ordinated Project on Urban Transport Environment Interaction (Study on Transport Related Air Pollution) submitted to AICTE, New Delhi.
17. Final Report on AICTE Young Teacher Career Award “Modelling of Urban Traffic Noise”, Submitted to AICTE, New Delhi.
18. Final Report on Nationally Co-ordinated Project on Road Traffic Safety submitted to AICTE, New Delhi.

**Annexure – III**

DETAILS OF SPONSORED / CONSULTANCY PROJECTS HANDLED

DURING PAST FIVE YEARS

## A. SPONSORED RESEARCH PROJECTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Title** | **Funding Agency** | **Amount****(Rupees In Lacs)** | **Duration** |
| 1. | Design and Analysis of Urban Multimodal Mass Transportation System  | DST | 22.04 | 2008-2013 |
| 2. | Integrated Development of Public Transport System | AICTE | 30.00 | 2006-2009 |
| 3. | Ferro Fibro Crete Composite Material for Highway Construction | MHRD | 14.00 | 2005-08 |
| 4 | Design Options Based on Performance Analysis of Rural Roads in Uttaranchal | DST | 16.22 | 2003-06 |
| 5. | Nationally Co-ordinated Project on Road Traffic Safety | AICTE | 13.50 | 2002-06 |
| 6. | AICTE Career Award on “Modeling of Urban Traffic Noise | AICTE | 11.25 | 2001-2004 |
| 7. | Development of Infrastructure in Science and Technology in Transportation Engg. Under DST-FIST Scheme | DST | 6.00 | 2001-2006 |
| 8. | Nationally Co-ordinated Project Urban Transportation Environ ment Interaction  | AICTE | 38.50 | 2001-2004 |
| 9. | Materials & Development of Micro Electronic Sensors for Intelligent Transport System | MHRD | 10.00 | 2003-06 |
| 10. | Development of Comprehensive Highway Noise Model and Design of Noise Barrier | AICTE | 10.00 | 1999-2001 |
| 11. | Development of Scientific Approach to Road Safety for Indian Environment | AICTE | 10.00 | 1997-98 |
| 12 | Integrated Design and Analysis of Bus Transportation with Rapid Transit System | U.G.C | 6.28 | 1997-2001 |
| 13 | Multimodal Transportation Systems Planning and Design | AICTE | 3.00 | 1997-98 |
| 14. | Pavement Management and Road Safety | AICTE | 3.00 | 1997-98 |

1. **CONSULTANCY PROJECTS**

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| **Sl.No.** | **Title** | **Funding Agency** | **Amount****(Rupees in Lacs)** | **Year** |
|  | Design of Overlays for Strengthening of Delhi Urban Roads | PWD, Delhi  | 0.35 | 1997 |
|  | Design of Bituminous Mix JobFormula for Strengthening | PWD, U.P.  | 0.40 | 1997 |
|  | Strengthening and Four-Laning of NH-2 (Agra to Bhognipur) | ICT, New Delhi | 5.00 | 1998 |
|  | Benkelman Beam Deflection &Traffic Studies on Delhi Urban Roads | PWD, DN 30  | 0.80 | 1998 |
|  | Benkelman Beam Deflection and Traffic Studies on Delhi Urban Roads | PWD, DN 24  | 1.44 | 1998 |
|  | Benkelman Beam Deflection and Traffic Studies on Delhi Urban Roads | PWD, DN 14  | 0.42 | 1998 |
|  | Strengthening of a Portion of NH 58 | NH division Ghaziabad | 1.04 | 1998 |
|  | Roughness Studies on NH-2  | NH Division, Agra | 0. 40 | 1998 |
|  | Traffic Feasibility Study for an Expressway in National Capital Region | STUP, New Delhi | 3.50 | 1999 |
|  | Feasibility Study for State Highway Projects in Punjab | STUP, New Delhi | 5.00 | 2000 |
|  | Rehabilitation of ApproachRoad in Mathura Refinery | IOCL | 20.00 | 2000 |
|  | Development of TransportNagar in Hardwar | HDA | 3.25 | 2000 |
|  | Feasibility Study of NationalHighway :3 Between Agra &Gwalior | STUP, New Delhi | 2.05 | 2000 |
|  | Benkelman Beam, Axle Loadand Traffic Volume Studies onDelhi Urban Roads | PWD Divisions,NCTD Delhi | 5.10 | 2001 |
|  | Traffic Studies on NH-1, NH-10& NH-24 in Delhi Urban Area | PWD Divisions,NCTD Delhi | 6.35 | 2001 |
|  | Design of Job Mix FormulaBenkelman Beam Deflection Studies, Testing of Materials | UP PWD Divisions,AAI, NHAI | 3.00 | 2001 |
|  | Development of Guidelines forMaintenance Management ofPrimary, Secondary and UrbanRoads | IRC/MOST/CRRI,New Delhi | 1.20 | 2001 |
|  | Testing and Analysis of BM & SDC Surfaces on Different Roads in Nagar Nigam Ghaziabad | Nagar Nigam,Ghaziabad | 1.20 | 2001 |
|  | Testing and Analysis of BM & AC Surfaces on Different Roads in Nagar Nigam Meerut | Nagar NigamMeerut | 0.60 | 2001 |
|  | Benkelman Deflection Studies on a Portion of NH-T3 | NH DivisionPWD, Meerut | 0.69 | 2001 |
|  | Preparation of Approach Document for the Feasibility of Transport Nagar in Rishikesh  | Hardwar Development Authority,Hardwar | 3.25 | 2001 |
|  | Benkelman Beam, Axle Load and Traffic Volume Studies on Delhi Urban Roads | PWD Divisions,NCTD Delhi | 2.65 | 2002 |
|  | Design of Job Mix Formula, Benkelman Beam DeflectionStudies Testing of Materials | UPPWD DivisionsAAI,, NHAI | 3.00 | 2001 |
|  | Development of Guidelines for Maintenance Management of Primary, Secondary and Urban Roads | IRC/MOST/CRRI,New Delhi | 1.00 | 2002 |
|  | Benkelman Beam Deflection, Traffic Volume & Axle Load Studies on Delhi Urban Roads | PWD Division-20NCTD, New Delhi | 2.65 | 2002 |
|  | Quality Assurance : Testing of Nagar Nigam Road Surfaces In Ghaziabad | GhaziabadNagar Nigam,  | 0.60 | 2002 |
|  | Benkelman Beam Deflection Studies for Strengthening of Meerut-Karnal Road and A Portion of NH-72 | PWD DivisionsMuzaffarnagar &Dhampur | 1.18 | 2002 |
|  | Design of Mixes and Testing ofMaterials for Widening and Strengthening of Amausi Airport,Lucknow | AAI, Lucknow | 0.70 | 2002 |
|  | Quality Assurance: Testing of Materials on a Portion of Widening and Strengthening of NH-3 (Agra-Morena Section) | NHAI, Agra  | 0.54 | 2002 |
|  | Design of Job Mix Formula for Bituminous Mixes and Mastic Asphalt  | UP PWD, UP SBC | 1.50 | 2002 |
|  | Quality Assurance: Testing of Materials on a Portion of Widening and Strengthening of NH-3 (Gwalior-Morena-Dholpur Section) | NHAI, Dholpur | 1.18 | 2002 |
|  | Quality Assurance: Testing of Nagar Nigam Road Surfaces In Ghaziabad | Nagar Nigam,Ghaziabad | 0.84 | 2002 |
|  | Benkelman Beam Deflection, Traffic Volume & Roughness Studies | PWD DelhiPWD UP | 6.95 | 2002 |
|  | Benkelman Beam Deflection Studies & Mix Design | PWD Delhi | 4.75 | 202 |
|  | Traffic Management Plan for Nainital Lake | AHEC Roorkee | 2.00 | 2002 |
|  | Design of Job Mix Formula, Riding Quality & Traffic VolumeStudy | UP PWD, PWD Delhi | 3.60 | 2002 |
|  | Design of Job Mix & Roughness Evaluation Study  | UP PWD,PWD Delhi | 1.81 | 2002 |
|  | Design of Mixes for Roads and Airports  | NHAI, UP PWD | 2.19 | 2002 |
|  | Design of Job Mix Formula for Roads and Airports  | NHAI, Jal Nigam,UP PWD | 2.38 | 2002 |
|  | Traffic Volume and Benkelman Beam Deflection Studies & Mix Design | NHAI, PWD Delhi | 7.05 | 2002 |
|  | Design of Job Mix Formula and Testing of Materials | PWD, NHAI,Nagar Nigam | 3.64 | 2002 |
|  | Design of Mix, Testing and Roughness Evaluation Study  | UP PWD,Jal Nigam | 2.33 | 2003 |
|  | Design of Noise/Dust Barrier for Britannia Chowk Flyover | PWD Delhi | 3.41 | 2003 |
|  | Quality Control of Strengthening of NH-10 | PWD Delhi | 9.98 | 2003 |
|  | Preparation of DPR for Taj Expressway  | JP Industries Ltd., Delhi |  | 2003 |
|  | Redesign & Beautification of Intersection in BEG&C  | BEG & C Roorkee |  | 2003 |
|  | Quality Control of BM & DAC on A Portion of NH-24 | PWD Delhi | 1.08 | 2003 |
|  | Traffic Feasibility Study for NH-25  | EMA Unihorn (1) Pvt. Ltd. | 1.35 | 2003 |
|  | Design of Intersection  | Nagar NigamGhaziabad | 0.54 | 203 |
|  | Patch Repair Studies  | PWD Delhi | 5.18 | 2003 |
|  | Benkelman Beam Deflection Test of Road No. 56,57 &57-A | PWD Delhi | 9.50 | 2003 |
|  | Feasibility and DPR for Survey and Roughness Survey Kanpur Bypass- Axle Load | CRAPHTS | 1.89 | 2003 |
|  | Expansion/ Upgrdadation of Dehradun Airport in Uttaranchal | AAI  | 12.96 | 2003 |
|  | Benkelman Beam Studies | UP Bridge Corporation | 7.00 | 2003 |
|  | Quality Control/ Quality Assurance of Ardh Kumbh Mela Work | Uttaranchal Govt.  | 40.00 (approx.) | 2003 |
|  | Quality Control, Testing of DBM, SDBC, DAC etc.  | PWD & OtherAgencies | 16.40 | 2003 |
|  | Design of Overlays for Strengthening of Delhi Urban Roads | PWD, Delhi | 7.05 | 2003 |
|  | Traffic Studies & Recommendations for Detailed Design of Flyovers & Grade Separators | Ghaziabad Development Authority | 7.58 | 2004 |
|  | Design of Job Mix and Pavement | PWD & OtherAgencies | 3.87 | 2004 |
|  | Design of Overlays and Profile Correction | PWD,Delhi | 6.32 | 2004 |
|  | Design of Overlays and Testing | UP PWD & Other Agencies | 1.27 | 2004 |
|  | Design of Overlays and Job Mix | UP PWD & Other Agencies | 0.92 | 2004 |
|  | Design of Overlays and Design of Mixes | PWD,Delhi | 3.94 | 2004 |
|  | Design of Job Mix and Analysis of Soil  | UP PWD & Other Agencies | 1.26 | 2004 |
|  | Quality Assurance for work of Construction of Box Culvert and Widening of Road | PWD Delhi | 15.64 | 2004 |
|  | Roughness Studies & Recommendations for a portion of NH-1 between Ambala & Jalandhar | PNC ConstructionAmbala | 2.09 | 204 |
|  | Quality Assurance of PWD Delhi | PWD, Delhi  | 3.31 | 2004 |
|  | Soil Testing and Analysis of Subgrade  | SIDCUL, PWDPantnagar | 1.61 | 2004 |
|  | Design of Job Mix | UP PWD | 1.30 | 2004 |
|  | Traffic Analysis for Predicting Toll Collection  | UP PWD | 2.47 | 2004 |
|  | Design of Job Mix and Material Characterisation | UP PWD and otherAgencies  | 1.70 | 2004 |
|  | Quality Assurance Work for Corridor Improvement Plan of Ring Road  | Delhi Govt.  | 9.41 | 2004 |
|  | Quality Assurance for Work of Development of Old DG Road  | PWD Delhi | 1.29 | 2004 |
|  | Design of Job Mix and Design of Overlays  | UP PWD and otherAgencies  | 2.07 | 2004 |
|  | Design of Job Mix and Analysis of Material  | UP PWD and otherAgencies  | 1.99 | 2004 |
|  | Quality Assurance Work for Anuvart Marg, Delhi | PWD Delhi | 2.18 | 2005 |
|  | Design of Pavement Layers and Job Mix Formula  | UP PWD and otherAgencies | 2.31 | 2005 |
|  | Design of Job Mix Formula | UP PWD and other Agencies | 2.49 | 2005 |
|  | Design of Overlays for Pavement and Job Mix Design  | UP PWD and otherAgencies | 3.63 | 2005 |
|  | Design of Overlays, Job Mix and Quality Assurance  | UP PWD and otherAgencies | 4.15 | 205 |
|  | Design of Noise Barrier as Well as View Cutter for Neighbour Road Cultural Centre Below Raja Garden Flyover  | DTTDC, Delhi | 2.20 | 2005 |
|  | Design of Job Mix Formula | UP PWD and otherAgencies | 2.26 | 2005 |
|  | Design of Overlays for Pavement and Job Mix Design  | UP PWD and otherAgencies | 3.29 | 2005 |
|  | Design of Overlays, Jab Mix and Quality Assurance  | UP PWD and otherAgencies | 3.76 | 2005 |
|  | Quality Assurance Work for Mehrauli Road Delhi | PWD, Delhi | 2.91 | 2005 |
|  | Quality Assurance work of Bituminous work of Road No. 25 | PWD, Delhi | 1.16 | 2005 |
|  | Design of Job Mixes analysis of Materials | PWD and Other Agencies | 1.99 | 2005-2006 |
|  | Design of Job Mixes Formula for Strengthening  | PWD and Other Agencies | 2.70 | 2005-2006 |
|  | Advice and Design of Overlays for PWD Roads | UPPWD & Delhi PWD | 3.00 | 2005-2006 |
|  | Advice for Quality assurance of Bituminous work  | Delhi PWD | 1.43 | 2005-2006 |
|  | Design of Job Formula for Strengthening of PWD Roads | UPPWD | 1.65 | 2005-2006 |

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|  | Design of Job Formula for Strengthening of PWD Roads | Uttaranchal PWD & Delhi PWD | 1.52 | 2005-2006 |
|  | Design of Overlays for Strengthening of MP Road No. 102, 108 & 109 | Delhi PWD | 7.20 | 2005-2006 |
|  | Design of Overlays for Strengthening of Road along Ghazipur Drain | Delhi PWD | 3.80 | 2005-2006 |
|  | Design of Job Formula for Roads | UPPWD | 2.28 | 2005-2006 |
|  | Quality Assurance Work of Strengthening & Post-strengthening Develop-ment Work for Road No. 56, 57, 57A | Delhi PWD | 13.74 | 2005-2006 |
|  | Performance Evaluation of National Highways | M/s Wood Hill Engg &M/s Puja Projects | 2.43 | 2005-2006 |
|  | Design of Job Formula for PWD’s  | UP PWD and Other Agencies | 1.10 | 2005-2006 |
|  | Design of Overlays for Strengthening of NH-2 Byepass | Delhi PWD | 4.85 | 2006 |
|  | Design of Overlays for Strengthening of Approache of ITO and Lok Nayak Setu | Delhi PWD | 5.50 | 2006 |
|  | Design of Job Formula for PWD Roads | UP PWD and Uttaranchal PWD | 1.80 | 2006 |
|  | Design of Overlays for UP PWD Roads | UP PWD | 1.95 | 2006 |
|  | Quality Assurance Work of Choddhar Okhla Motor Marg | Uttaranchal PWD | 1.50 | 2006 |
|  | Quality Assurance Work of MB Road from GT Road to Road No. 65 | Delhi PWD | 2.43 | 2006 |
|  | Design of Overlays for Strengthening by Benkelman Beam | UP PWD | 1.70 | 2006 |
|  | Quality Assurance Work of Raja Garden to Punjabi Bagh | Delhi PWD | 1.62 | 2006 |
|  | Quality Assurance Work of Ring Road Phase-II (Dhaula Kuan to Safdarjung Marg) | Delhi PWD | 4.65 | 2006 |
|  | Design of Job Formula | Various govt. Agencies | 2.22 | 2006 |
|  | Design of Job Formula | Various Govt. Agencies | 1.45 | 2006 |
|  | Quality Assurance of MB Road grom ITO Chungi to Old Yamuna Bridge | Delhi PWD | 6.59 | 2006 |
|  | Quality Assurance of Material for Roads | Uttaranchal PWD | 2.60 | 2006 |
|  | Design of Job Formula for Road | Various Govt. Agencies | 1.71 | 2006 |
|  | Design of Job Formula for Road | Various Govt. Agencies | 1.05 | 2006 |
|  | Quality Assurance of Road No. 40 | Delhi PWD | 4.12 | 2006 |
|  | Performance Evaluation of Pavements and Material | Various Govt. Agencies | 1.34 | 2006 |
|  | Design of Job Formula Pavement and Material | Various Govt. Agencies | 1.45 | 2006 |
| 117. | Design of Job Formula and Advice | U.P. PWD | 2.15 | July 20069 Months |
| 118. | Design of Job Formula | PNC Construction and Other Agencies | 1.01 | July 20069 Months |

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| 119. | Design of Job Formula | Uttaranchal and UP PWD | 1.80 | Aug. 20068 Months |
| 120. | Design of Overlay for Road No. 26 | PWD Delhi | 2.00 | July 20066 Months |
| 121. | Quality Assurance for Guru Ravi Dass Marg (Road No.14) | PWD Delhi | 4.21 | Sept. 20066 Months |
| 122. | Quality Assurance of Bituminous Roads | Nagar Nigam Ghaziabad | 1.40 | Sept. 20066 Months |
| 123. | Quality Assurance of GSB, WMM, DBM and DAC for Widening of Road No.45 | Delhi PWD | 3.87 | Sept. 20066 Months |
| 124. | Design of Job Formula | UP and Delhi PWD | 3.00 | Oct. 20065 Months |
| 125. | Design of Job Formula for PWD Roads | UP PWD | 2.72 | Nov. 200612 Months |
| 126. | Design of Job Formula | PNC Construction and Other Agencies | 2.60 | Nov. 200612 Months |
| 127. | Quality Assurance of PWD Roads and Design of Job Formula | Uttaranchal and UP PWD | 1.70 | Dec. 200612 Months |
| 128. | Design of Job Formula and CBR Evaluation | Uttaranchal and UP PWD | 2.15 | Dec. 200616 Months |
| 129. | Quality Assurance of MP Road No.58 Delhi | Delhi PWD | 6.40 | Jan. 200719 Months |
| 130. | Design of Job Formula and Quality Assessment of Roads | AAI and UP PWD | 3.85 | Jan. 200719 Months |
| 131. | Quality Assurance of Road No.70 in Delhi | Delhi PWD | 1.22 | Jan. 200719 Months |
| 132. | Design of Job Formula for PWD Roads  | UP PWD | 1.40 | Feb. 200714 Months |
| 133. | Evaluation of Road Surface and Design of Job Formula | Uttaranchal and UP PWD | 1.37 | Feb. 200714 Months |
| 134. | Design of Job Formula for PWD Roads  | UP PWD | 1.90 | Feb. 200714 Months |
| 135. | Design of Job Formula for Roads  | KNR Construction | 0.85 | Feb. 200714 Months |
| 136. | Design of Job Formula for Airports  | AAI Pant Nagar | 1.01 | Feb. 200714 Months |
| 137. | Design of Job Formula for PWD Roads  | UP PWD | 1.20 | Feb. 200714 Months |
| 138. | Quality Assurance Work of the Roads of IIE Pant Nagar | E.E. PWD Pant Nagar | 5.60 | April 200716 Months |
| 139. | Design of Job Formula for Airports  | Airport Authority of India  | 1.94 | April 200712 Months |
| 140. | Design of Job Formula for PWD Roads  | Uttaranchal PWD | 2.06 | April200714 Months |
| 141. | Design of Pavement and Job Formula  | Uttaranchal UP and Delhi PWD | 3.04 | April 2007 23 Months |
| 142. | Design of Pavement on the basis of CBR | Uttarakhand PWD | 1.00 | May 20077 Months |
| 143. | Quality Assurance of August Kranti Marg  | Delhi PWD | 2.95 | May 200722 Months |
| 144. | Design of Job Formula and Roughness Evaluation  | Various Put Agencies  | 1.89 | April 20078 Months |
| 145. | Design of Pavement Crust Thickness  | Uttarakhand and Delhi PWD | 1.61 | May 200710 Months |

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| 146. | Quality Assessment of Road Material  | Uttarakhand PWD | 1.22 | April 200710 Months |
| 147. | Development of State Highways in Bihar State-Design of Job Formula  | CPWD Bihar  | 4.82 | June 200719 Months |
| 148. | Design of Job Formula for Road and Airport  | Uttarakhand PWD and Other Agency  | 2.83 | June 200719 Months |
| 149. | Development of State Highways in Bihar State - Design of Job Formula and Advice | C.P.W.D. Bihar  | 7.43 | July 2007 21Months |
| 150. | Design of Strengthening for a Portion of Road No. 37 | Executive Engineer, PWD CRMD-M 312, Delhi | 1.01 | August 2007 08Months |
| 151. | Design of Job Formula PWD Roads | PWD and Other Agencies | 1.37 | August 2007 08Months |
| 152. | Design of Job Formula for PWD Roads | PWD and Other Agencies | 2.72 | August 2007 10Months |
| 153. | Quality Assurance of Bituminous Work of ORR-26 | Executive Engineer, PWD Div.-X (M-312), New Delhi | 6.66 | August 2007 20Months |
| 154. | Quality Assurance of Chakrata Lakhamandal Motor Marg | Executive Engineer, Temp. Div., PWD, Ckakrata | 5.94 | September 200719 Months |
| 155. | Test for Design Quality Assurance for Road | M/s Raj Shyama Construction Pvt. Ltd., Ghaziabad | 2.97 | September 200707 Months |
| 156. | Development of State Roads in Bihar - Design of Job Formula | PWD and Other Agencies | 8.01 | September 200719 Months |
| 157. | Quality Assurance of New Tehri City Roads | Executive Engineer, Provincial Div., P.W.D., New Tehri | 2.16 | September 200707 Months |
| 158. | Design Checking of 75 meter Road from Meerut Road Intersection (NH-58 to NH-24) | Secretary, Ghaziabad Development Authority | 4.04 | September 200706 Months |
| 159. | Quality Assurance of Ring Road (Rajghat to Metcalf House) | Executive Engineer, CRMD M-313, PWD Delhi | 6.27 | September 200718 Months |
| 160. | Design of Job Formula for Roads | PWD and Other Agencies | 2.07 | September 200707 Months |
| 161. | Studies for Urban Roads Infrastructure Improvement for Patna City | Suptd. Engineer, Central Circle, RCD, Patna | 3.93 | October200718 Months |
| 162. | Design of Job Formula for PWD Roads | PWD and Other Agencies | 2.48 | October200706 Months |
| 163. | Design of Job Formula for Airport  | G.E. Pune Airport Station, Pune | 1.66 | October200705 Months |
| 164. | Design of Job Formula for Roads | PWD and Other Agencies | 1.0 | September 200707 Months |
| 165. | Quality Assurance of M.B. Road (Khajuri Chowk to Sabhapur Village) | Executive Engineer, CRMD-M-213, New Delhi | 7.65 | November200717 Months |

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| 166. | Development of State Roads in Bihar - Design of Job Formula | Executive Engineer, RSVY Project, Patna, Bhagalpur, Gaya, Purnia and Sasaram  | 7.22 | October200718 Months |
| 167. | Expansions & Strenghtening of Apron & Construction of New Taxi way at Lucknow Airport | Senior Manager (Engg.-6), AAI, Lucknow | 1.53 | December200707 Months |
| 168. | Development of State Roads in Bihar - Design of Job Formula | Executive Engineer, RSVY Project Div., Sasaram and Purnia  | 1.98 | December200710 Months |
| 169. | Design of Job Formula and Quality Assessment of Material | PWD and Other Agencies | 1.0 | November200710 Months |
| 170. | Design of Formulae for Development of State Highways in Gaya, Sasaram & Bhagalpur in the State of Bihar | Ex. Engineer, CPWD, Gaya/Sasaram & Bhagalpur (Bihar) | 5.15 | December200715 Months |
| 171. | Quality Assurance of Construction Work of Slip Roads at ITO Chungi | Executive Engineer, FPD F-122, PWD, Delhi | 2.81 | January200815 Months |
| 172. | Design of Job Formula for Roads and Airport | PWD and Other Agencies | 4.21 | December200715 Months |
| 173. | Development of State Highways in Motihari in the State of Bihar | Asstt. Executive Engineer, RSVY Project, Motihari (Bihar) | 6.46 | January200815 Months |
| 174. | Design of Job Formula and Quality Assessment of Material | PWD and Other Agencies | 3.49 | January200815 Months |
| 175. | Quality Assurance Works of Aurbindo Marg | P.W.D. Division M-111, Delhi | 2.10 | April200815 Months |
| 176. | Design of Job Formula for Highway and Airport Pavements | PWD and Other Agencies | 3.33 | April200812 Months |
| 177. | Quality Assurance Work of the Widening of NH-87 and Four Lane Road at Pant Nagar | Executive Engineer, Project Unit (SIDCUL), Pant Nagar | 6.54 | April200814 Months |
| 178. | Design of Job Formula | PWD and Other Agencies | 0.81 | April200809 Months |
| 179 | Design of Job Formula for Development of State Highway in the State of Bihar | Executive Engineer, RSVY Project, Bhagalpur | 2.02 | April200811 Months |
| 180. | Design of Job Formula for Roads | PWD and Other Agencies | 5.42 | April200813 Months |
| 181. | Design of Job Formula for Airports | Sr. Manager, AAI DABH, Indore and DGM (Airports) Gurgaon | 1.46 | May200811 Months |
| 182. | Advice for Quality Assurance of PC Work | Executive Engineer, Temp. Div., PWD Sahiya, Kalsi | 1.46 | May200811 Months |
| 183. | Design of Job Formula | PWD and Other Agencies | 2.47 | June200812 Months |

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| 184. | Design of Job Formula and Quality Assurance | PWD and Other Agencies | 2.27 | June200810Months |
| 185. | Development of State Highways in the State of Bihar-Design of Job Formula | CPWD, ESVY Project (i) Begusarai (ii) Motihari and (iii) Sasaram. | 2.61 | June200810 Months |
| 186. | Design of Job Formula for Airport and Road | Various Govt. Agencies | 3.39 | August 200820 Months |
| 187. | Development of State Highways in the State of Bihar – Design of Job Formula | CPWD, RSVY, Gaya, Purnea, Sasaram & Bhagalpur | 4.22 | August 200820 Months |
| 188. | Design of Overlays By Benkelman Beam Studies on SH-93 & SH-29 | PWD, Shahjahanpur | 1.01 | August 20088 Months |
| 189. | Quality Assurance Work of Road No.51, Delhi | CRMD-M-311 Delhi | 5.01 | Sept. 200819 Months |
| 190. | Quality Assurance of Road and Bridge Work under Development of State Highways in the State of Bihar under RSVY Project by CPWD Field Studies and Sample Collection  | RSVY, CPWD, Patna, Bihar | 22.88 | Oct. 200818 Months |
| 191. | Quality Assurance of Road and Bridge Work under Development of State Highways in the State of Bihar under RSVY Project by CPWD Site Visit and Advised  | RSVY, CPWD, Patna, Bihar | 22.88 | Oct. 200818 Months |
| 192. | Quality Assurance and Design of Job Formula | Various Govt. Agencies | 4.72 | Sept. 200816 Months |
| 193. | Design of Crust Thickness on the Basis of CBR | PWD, Kashipur | 1.83 | Nov. 20086 Months |
| 194. | Design of Job Formula and Crust Thickness | Various Govt. Agencies | 1.91 | Oct. 20088 Months |
| 195. | Design of Job Formula | Various Govt. Agencies | 1.34 | Oct. 20088 Months |
| 196. | Quality Assurance |  | 3.14 |  |
| 197. | Design of Job Formula for CPWD Bihar | Various Govt. Agencies | 4.34 | Oct. 200815 Months |
| 198. | Design of Crust Thickness on Basis of CBR | EE, CD, PWD, Kashipur | 1.83 | Nov. 20086 Moths |
| 199. | Design of Job Formula and Crust Thickness | Various Govt. Agencies | 1.91 | Oct. 20087 Moths |
| 200. | Design of Job Formula | Various Govt. Agencies | 1.34 | Oct. 20087 Months |
| 201. | Quality Assurance Work of Road in Najafgarh Block in Delhi | EE, CD, No.12, Delhi | 3.13 | Dec. 200816 Months |
| 202. | Design of Job Formula for CPWD Bihar | Various Govt. Agencies | 4.34 | Oct. 200814 Months |
| 203. | Proposed Corridor for Connecting Tel Bhawan, ONGC, Dehradun with Charata Road | DGM (Civil) ONGC, Dehradun | 1.75 | Dec. 200827 Months |
| 204. | Development of State Highways in the State of Bihar - Design of Job Formula | EE, RSVY, CPWD, Gaya | 4.92 | Feb. 200913 Months |
| 205. | Design of Job Formula and Quality Assurance | Various Govt. Agencies | 1.92 | Dec. 200826 Months |

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| 206. | Design of Job Formula and Quality Assurance of Road Work | Various Govt. Agencies | 1.61 | Jan. 20096 Months |
| 207. | Design of Job Formula for Development of State Highways in Bihar | Various Govt. Agencies | 3.21 | May. 200825 Months |
| 208. | Quality Assurance of Bituminous Layers | EE, PD,PWD, Rudrapur and GDA, Ghaziabad | 4.34 | Feb. 200913 Months |
| 209. | Roughness Evaluation Studies on A Portion of NH-87 and Lab Studies | EE, NH Division, PWD, Almorah | XXX | Feb. 200913 Months |
| 210. | Quality Assurance of Service Road No. 57 in Delhi | EE, CRMD, M-211, Delhi | XXX | Feb. 200913 Months |
| 211. | Quality Assurance of C.C. Marg | Asstt. Engineer, CD, PWD, Roorkee | 8.14 | Mar. 200912 Months |
| 212. | Quality Assurance of Bituminous Roads Under GDA, Ghaziabad | GDA, Ghaziabad | 7.15 | Mar. 200914 Months |
| 213. | Quality Assurance Work of Bituminous Roads in Ghaziabad Nagar Nigam | Ghaziabad Nagar Nigam, Ghaziabad | 5.00 | Apr. 200911 Months |
| 214. | Design of Job Formulae for Strengthening of Roads | Various Govt. Agencies | 5.43 | Feb. 200916 Months |
| 215. | Design of Flexible & Rigid Pavements | EE, PWD Saharanpur / EE, PWD Khatima | 2.64 | May 200913 Months |
| 216. | Field and Laboratory Study for Quality Assurance of Forest Roads | Executive Director (NR&E), EPI, New Delhi | 6.22 | May 200910 Months |
| 217. | Design of Job Formula for Roads and Airports | Various Govt. Agencies | 6.41 | Apr. 200920 Months |
| 218. | Design of Job Formula for Bihar State Roads under RSVY Project | Various Govt. Agencies | 3.22 | May 200913 Months |
| 219. | Quality Assurance and Evaluation of Bituminous Layers of Roads in Ghaziabad | GDA Ghaziabad | 3.81 | Jun. 200912 Months |
| 220. | Micro Surfacing of Roads Under Maintenance Zone M-1, PWD, Delhi | EE, PWD M-111 (NCTD), Delhi | 9.69 | Jul. 200920 Months |
| 221. | Field and Laboratory Studies on BM and SDBC Layers | EE, Temp. Div., PWD, Ghansali | 2.08 | Jul. 20099 Months |
| 222. | Field and Laboratory Studies on BM Layer | EE, Provincial Div., PWD, Hardwar | 0.60 | Jul. 20099 Months |
| 223. | Evaluation of Soil for CBR for Different Roads in Almora (SULT) | EE, Contd. Div., PWD, SULT, (Almora) | 1.32 | Jul. 20099 Months |
| 224. | Micro Surfacing of Roads Under Maintenance Zone M-1, PWD, Delhi | Executive Engineer, PWD M-111 (NCTD), Delhi | 10.69 | Jul. 2009 |
| 225. | Field and Laboratory Studies on BM and SDBC Layers | Executive Engineer, Temp. Div., PWD, Ghansali | 2.29 | Jul. 2009 |
| 226. | Evaluation of Soil for CBR for Different Roads in Almora (SULT) | Executive Engineer, Construction Division, PWD,SULT, (Almora) | 1.45 | Jul. 2009 |
| 227. | Quality Assurance of Service Road B/W Dhaula Kuan Flyover to Moti Bagh Flyover | Executive Engineer, PWD, CRMD-M-111, Delhi | 1.96 | Jul. 2009 |
| 228. | Quality Assurance of Bituminous Roads in Ghaziabad Nagar Nigam | Nagar Ayukat Ghaziabad Nagar Nigam, Ghaziabad | 9.59 | Aug. 2009 |
| 229. | Quality Assurance of Resurfacing by Hot-in-Situ Recycling  | Executive Engineer, PWD, M-112, Delhi | 37.99 | Dec. 2009 |
| 230. | Quality Assurance of Bituminous Work | Executive Engineer, PWD CRMD M-312, NCTD, Delhi | 7.37 | Aug. 2009 |
| 231. | Studies for Quality Assurance of Chakrata - Tauni Motor Marg | Executive Engineer, T.D. PWD, Chakrata | 1.87 | Sept. 2009 |
| 232. | Design of Job Formula for PWD Tehri Roads | Executive Engineer, P.D., PWD, New Tehri | 2.16 | March 2009 |
| 233. | Quality Assurance of Micro-surfacing of Various Roads under M-2 Zone in Delhi | Executive Engineer, CRMD, M-211, New Delhi | 6.69 | Oct. 2009 |
| 234. | Development of Parking Lot for DTC Commonwealth Games in Delhi | Executive Engineer, BPD M-141, PWD, Delhi | 8.10 | Nov. 2009 |
| 235. | Widening and Improving/ Strengthening of Road upto M.B. Road in Alipur Block | E.E. Govt. of Delhi, Rohini, Delhi | 1.65 | Nov. 2009 |
| 236. | Strengthening of B.J. Marg from Ring Road Outer Ring Road-Third Party Quality Assurance  | E.E. Ring Road, New Delhi | 2.17 | Nov. 2009 |
| 237. | Design of Job Formula for Street Scaping & Beautification of Roads under Common Wealth Games in Delhi | Assistant Engineer, B.P. Division M-243, PWD, NCTD, New Delhi | 2.86 | Nov. 2009 |
| 238. | Design of Job Mix Formula for Strengthening of Old DG & CRPF Camp Roads in Delhi | Kundu Construction Company, Pitampura, New Delhi | 1.10 | Nov. 2009 |
| 239. | Quality Assurance Work of Service Road with Eastern Approach Road | Executive Engineer, CRMD, M-213, PWD, Delhi | 3.00 | Dec. 2009 |
| 240. | Third Party Quality Assurance of Cycle Track on Road No. 63 | Executive Engineer, M-213, PWD, Delhi | 2.94 | Dec. 2009 |
| 241. | Strengthening of Quter Ring Road 26 & Raising of Foot Path in Delhi | Executive Engineer, PWD, M-311, New Delhi | 8.38 | Nov. 2009 |
| 242. | Quality Assurance Work foir Resurfacing of Hot-in-Situ Recycling of Various Roads | Executive Engineer, PWD, M-213, Delhi | 17.67 | Dec. 2009 |
| 243. | Strengthening and Post Strengthening Work of Mother Dairy Road | Executive Engineer, PWD Division M-211, New Delhi | 2.56 | Dec. 2009 |
| 244. | Micro Surfacing of Roads Under PWD Zone M-3 in Delhi - Third Party Quality Assurance | Executive Engineer, CRMD M-213, PWD, New Delhi | 9.63 | Jan. 2010 |
| 245. | Bituminous & RMC Work for Street Scapring of Mall Road for Commonwealth Games - Third Party Quality Assurance | Executive Engineer, BPD M-343, PWD, Delhi | 5.77 | Jan. 2010 |
| 246. | Design of Job Formulae for Improvement & Upgradation of Mehrauli - Badarpur Road | A.E., PWD, SD M-1123, Delhi | 1.15 | Jan. 2010 |
| 247. | Design of Job Formulae | Construction Division, PWD, Roorkee | 1.76 | Jan. 2010 |
| 248. | Bituminous Work for Street Scaping and Beautification of PWD Roads Around YSC and Benkelman Beam Deflection Studies for Delhi | E.E., BPD M-243, PWD, Delhi | 16.11 | Apr. 2010 |

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| 249. | Design of Pavement for Kichha-Lal Juan Motor Marg | Executive Engineer, Provincial Division, PWD, Rudrapur, (U.S. Nagar) | 1.10 | Apr. 2010 |
| 250. | Studies for Quality Assurance of Different Roads , CPWD, Ram Nagar | Executive Engineer, Construction Division, PWD, Ram Nagar | 2.31 | May 2010 |
| 251. | Field and Laboratory Studies on BM and SDBC Layers | Unit In-charge, U.P. PRN Ltd., Tehri | 1.32 | Jun. 2010 |
| 252. | Design of Pavement for Widening of Left Yamuna Marginal Bandh | Executive Engineer, HWD, Agra Canal, Okhla | 1.32 | Jun. 2010 |
| 253. | Providing and Laying Mastic Wearing Course on Various Flyovers and Road Junctions under PWD M-112 for CWG  | E.E., PWD, DN M-112, New Delhi | 3.28 | Jul. 2010 |
| 254. | Resurfacing by Hot-in-Situ Recycling of Bituminous Layer for Maintenance Zone M-3 in Delhi - TPRA | E.E., PWD, DN M-311, Delhi | 14.25 | Aug. 2010 |
| 255. | Improvement/Modification and Resurfacing of Various Roads under PWD Zone M-2 in Delhi - TRQC | E.E., M-211, PWD, Delhi | 5.47 | Aug. 2010 |
| 256. | Quality Audit of SDBC and BM Layer | Executive Engineer, PD, PWD, Rudrapur | 0.88 | October 28, 2010 |
| 257. | Quality Audit of Different Roads of PWD Ramnagar | Executive Engineer, CD, PWD, Ramnagar, Nainital | 1.38 | Nov. 24, 2010 |
| 258. | Quality Audit of Retro Reflective Road Signages on Various Delhi PWD Roads | Executive Engineer, PWD Divn., M-112, Delhi | 1.10 | Nov. 25, 2010 |
| 259. | Testing of Semi Dense Bituminous Concrete (SDBC) Layer | Executive Engineer, CD, PWD, Ramnagar, Nainital | 4.96 | March 1, 2011 |
| 260. | Development of Bihar Highways - Design of Job Formulae | Executive Engineer, RSVY, CPWD, Bihar | 0.61 | July 05, 2010 |
| 261. | Providing and Laying Mastic Wearing Course on Various Flyovers and Road Junctions under PWD M-112 for CWG | E.E., PWD, DN M-112, New Delhi | 3.29 | July 01, 2010 |
| 262. | Design of Job Formulae for Resurfacing of Road in Greater Noida | S.M.-6, GNOIDA, Greaterr Noida | 0.55 | July 12, 2010 |
| 263. | Design of Job Formulae for IGRUA Fursatganj | Sr. manager (E-C), Airport Authority of India, New Delhi | 0.77 | July 15, 2010 |
| 264. | Design of Job Formulae for IRQ1 Work of a Portion of NH-27 | A.E., NH Division-1, PWD, Allahabad | 0.55 | August 20, 2010 |
| 265. | Design for Job Formulae for RSVY Project, CPWD, Bihar | Executive Engineer, CPWD, Purnea, Bhagalpur, Motihari | 1.10 | August 16, 2010 |

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| 266. | Resurfacing by Hot-in-Situ Recycling of Bituminous Layer for Maintenance Zone M-3 in Delhi - TPRA | E.E., PWD, DN M-311, Delhi | 14.25 | August 23, 2010 |
| 267. | Design of Job Formula for Resurfacing of DSC Road, Greater Noida | Senior Manager (V), GNIDA, Greater Noida | 0.83 | October 14, 2010 |
| 268. | Design of Job Formula for BM and SDBC layers | Assistant Engineer, NH Division, PWD, Dhuma Kot | 0.55 | October 12, 2010 |
| 269. | Design of Job Formula for NH-27 | Executive Engineer, NH Div-1, PWD, Allahabad | 0.55 | October 11, 2010 |
| 270. | Development of State Highways in Bihar - Design of Job Formula | Assistant Engineer, RSVY Project Sub-division, Motihari | 1.10 | Nov. 15, 2010 |
| 271. | Design of Job Formula for DBM and DBC | Assistant Engineer, -4, PWD. M-211, Delhi | 0.55 | Nov. 15, 2010 |
| 272. | Study of Job Formula for Resrurfacing of Surajpur Chowk Post to Dadri Railway Line | Senior Manager (V), GNIDA, G. Noida | 0.83 | Nov. 29, 2010 |
| 273. | Design of Job Formula Development of State Highway Bihar P-4 Masaurh Road, Patna | Asstt. Engineer, RSVY Project Sub Division, CPWD, Patna (Bihar) | 1.27 | Nov. 29, 2010 |
| 274. | Benkelman Beam Test on Sakauti-Flawada Road (ODR) in Meerut | Executive Engineer, PD, PWD, Meerut | 0.82 | Dec. 01, 2010 |
| 275. | Design of Job Formulae for Strengthening of a Portion of SH-2 | Ex. Engineer, CD-2, PWD, Hamirpur | 0.77 | Dec. 13, 2010 |
| 276. | Development of State Highways in Bihar - Design of Job Formula | Assistant Engineer, RSVY Project Sub-division, Motihari | 1.10 | Nov. 15, 2010 |
| 277. | Design of Job Formula for DBM and DBC | Assistant Engineer, -4, PWD. M-211, Delhi | 0.55 | Nov. 15, 2010 |
| 278. | Study of Job Formula for Resrurfacing of Surajpur Chowk Post to Dadri Railway Line | Senior Manager (V), GNIDA, G. Noida | 0.83 | Nov. 29, 2010 |
| 279. | Design of Job Formula Bulandshahr Jhajjar Road | Executive Erngineer, C.D.-2, PWD, Bulandshahr, U.P. | 0.55 | Dec. 13, 2010 |
| 280. | Design of Job Formulae for Strengthening of a Portion of SH-2 | Ex. Engineer, CD-2, PWD, Hamirpur | 0.77 | Dec. 13, 2010 |
| 281. | Design of Job Mix 60 m Wide Road Delta Rotary to 130 m Wide Road around Commercial Sector, G. Noida | Senior Manager-Incharge GNIDA, Chitvan Estate, G. Noida | 0.55 | May 20, 2011 |
| 282. | Improvement/Modification of Various Roads under PWD Zone M-2 Quality Audit | Executive Engineer, PWD Division M-211, 2nd Nizamuddin Bridge, Delhi | 3.85 | May 23, 2011 |
| 283. | Design of Job Formula for Resurfacing of Runway for Bamrauli Air Force Station | G.E.(AF) Bamrauli, Allahabad | 2.54 | June 3, 2011 |
| 284. | Testing for Density, Thickness & Bitumen Content of Bituminous Road | Executive Engineer, NH Div.- PWD, Haldwani (Nainital) | 1.71 | June 3, 2011 |
| 285. | Design of Job Formula M-15 Bridge Package 8Cc, Motihari | Asstt. Engineer, RSVY Project Sub-Div., CPWD, Motihari | 0.28 | June 13, 2011 |
| 286. | Design of Job Formula 25 mm SDBC, PWD, NH Div., Jhansi | Executive Engineer, NH Division, PWD, Jhansi | 0.28 | June 13, 2011 |
| 287. | Design of Job Formula for Construction of Byepass (NH-24 - SH 78 to 49 District Moradabad) | Executive Engineer, Provincial Division, PWD, Moradabad (U.P.) | 1.10 | June 22, 2011 |
| 288. | Design of Job Formula SDBC Layer NH Div. PWD Haldwani | Executive Engineer NH Div. PWD Haldwani (U K) | 0.28 | August 8, 2011 |
| 289. | Design of Job Formula BM, SDBC Layer Moradabad Tanda Dariyal Road | Executive Engineer, Provincial Division, PWD, Moradabad (U.P.) | 0.55 | August 8, 2011 |
| 290. | Proof Checking of Tender for Construction of 75 m Wide FNG Road from Section 118 through Embankment | Er. S.K. Gupta, Project Engineer, CD-IV, NOIDA | 2.63 | August 23, 2011 |
| 291. | Vetting of Pavement Design for Road Construction, Doon Univ., Dehradun | Project Engineer, UPRNN, Dehradun | 1.10 | February 6, 2012 |
| 292. | Design of Overlays & Profile Correction for Strengthening Road No. 57 | Executive Engineer, PWD M-211 (NCTD), 2nd Nizamuddin Bridge, Delhi | 7.06 | February 9, 2012 |
| 293. | Quality Audit and Testing Providing and Laying Mastic ROB Road No.89 | Executive Engineer, PWD (CRMD) M-111, R.R. Lines, Ring Road, Delhi | 1.13 | February 17, 2012 |
| 294. | Quality Audit and Testing of Materials for Strengthening and resurfacing of Five Roads of PWD Maintenance Zone M-3 New Delhi | Executive Engineer, PWD M-311 (Old) / M-112 (New) Govt. NCTD, Delhi Road No. 43, Sainik Vihar, New Delhi | 11.53 | March 19, 2012 |
| 295. | Benkelman beam Deflection and Traffic Volume Studies for Strengthening of Various Roads, Delhi | Executive Engineer, PWD, CRMD M-111 (NCTD), R.R. Lane, Ring Road, Delhi | 32.01 | March 19, 2012 |
| 296. | Benkelman beam Deflection and Traffic Volume Studies for Strengthening of Various Roads, Delhi | Executive Engineer, PWD CRM M-113, Brar Square, New Delhi | 16.93 | March 21, 2012 |
| 297. | Benkelman beam Deflection and Traffic Volume Study for Strengthening of Roads M-112, New Delhi | Executive Engineer, PWD Division M-112 Road No. 43, Sainik Vihar, Delhi | 16.16 | April 3, 2012 |
| 298. | Design of Overlay for Strengthening of Roads in Delhi | A.E., P.W.D. M-2131, Nandanpuri, Delhi | 4.21 | April 9, 2012 |
| 299. | Benkelman Beam Deflection and Traffic Studies for Strengthening of Roads | Executive Engineer, PWD, CRM-113, Brar Square, Delhi | 14.49 | May 1, 2012 |
| 300. | Benkelman beam Deflection and Traffic Volume Studies for Strengthening of MCD Roads under PWD Delhi M-212 Division | Executive Engineer, PWD, CRM Division M-212, New Delhi | 19.44 | May 7, 2012 |
| 301. | Benkelman Beam Deflection and Traffic Volume for Strengthening CV Raman of Road in Delhi | Executive Engineer, PWD M-412, Ishwar Nagar, Kalka More, Delhi | 1.80 | May 7, 2012 |
| 302. | Benkalman Beam Deflection & Traffic Volume Studies for Strengthening of Various Roads  | Executive Engineer, PWD Div. M-211 (DS), 2nd Nizamuddin Bridge, Delhi | 23.76 | May 14, 2012 |
| 303. | Field Studies on Bituminous BM, WMM and GSB Layer on Sisaya - Palia, P\_uranpur State Highway Road | Executive Engineer, Construction Division, PWEDF, Kheri (U.P.) | 4.21 | May 30, 2012 |
| 304. | Benkelman Beam Deflection and Profile Correction Studies on MCD Roads under Division M-12 | Executive Engineer, PWD, CRM Division M-212, Delhi | 11.55 | June 4, 2012 |

**Annexure –IV**

## PRIZES/MEDALS/AWARDS/DISTINCTIONS

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| **S.No.** | **Title** | **Name of Institution** | **Year** |
| 1. | Institute Star Performer | IIT Roorkee | 2001-022002-032003-042004-05 |
| 2. | Certificate of Merit | Institution of Engineers (India) | 2004 |
| 3. | IRC Pt.Jawaharlal NehruBirth centenary Award 2002 | Indian Roads CongressNew Delhi | 2004 |
| 4. | Career Award | AICTE, New Delhi | 2001-04 |
| 5. | Khosla Research Commendation Award | University of Roorkee | 2001 |
| 6. | Khosla Research Commendation Award | University of Roorkee | 2000 |
| 7. | The Nawab Zain Yar Jung Bahadur Memorial Medal | Institution of Engineers (India) | 2000,2007 |
| 8. | Musaddilal Memorial Award | Institution of Engineers (India)(U.P. State Centre) | 1992 |
| 9. | Best Technical paper Award | Institution of Engineers (India)(U.P. State Centre) | 1996 |
| 10. | CPWD award for Best Paper on Maintenance  | Indian Roads Congress, New Delhi  | 2006 |
| 11. | Commendation Certificate | Indian Roads Congress, New Delhi  | 2010 |

**POSITION OF RESPONSIBILITY**

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| --- | --- | --- | --- |
|  | Honorary Secretary | Indian Society for ConstructionMaterials & Structures | 2002-04 |
|  | Joint Hon. Secretary | Institute of Urban Transport (India), Roorkee Regional Chapter | 2003 |
|  | Council Member | Indian Roads Congress,New Delhi. | 2001-02 |
|  | Joint Secretary | Institute of Town Planners (India) | 2001-02 |
|  | Treasurer | ITPI (India) Roorkee Regional Chapter | 2002-03 |
|  | Member, Senate | University of Roorkee | 2000-01 |
|  | Member Executive Committee | Thomason Alumni Association, I.I.T., Roorkee | 2002-03 |
|  | Member, Transport PlanningCommittee | Indian Roads Congress,New Delhi | 2001-03 |
|  | Member Technical Committee | STEM 04 | 2003 |
|  | Council Member | Indian Roads Congress, New Delhi | 2004-05 |
|  | Member | PIARC | 2004-05 |
|  | Member, Transport Planning Committee | IRC New Delhi | 2003-06 |
|  | Corresponding Member, Traffic Engineering Committee | IRC New Delhi | 2003-06 |
|  | Member, HRB, IMRA Committee | IRC, New Delhi  | 2006-08 |
|  | Corresponding Member, Transport Planning, traffic Engg. And Road Safety Committee | IRC , New Delhi | 2006-08 |
|  | Vice Chairman | ITPI Uttranchal Régional Chapter , Dehradun | 2005-06 |
|  | Joint Secretary | Thomsan Allumini Association, IIT Roorkee | 2006 -07 |
|  | Deputy Chief Advisor | Hobbies Club, IITRoorkee | 2006-2009 |
|  | Member Executive Committee | Indian Society for ConstructionMaterials & Structures | 2006 -07 |
| 20. | Member, Transport Planning, traffic Engg. And Road Safety Committee | IRC , New Delhi | 2009-11 |
| 21. | Member, HRB, IMRA Committee | IRC, New Delhi  | 2009-11 |
| 22. | Coordinator,Transportation Engineering Group | Deptt. Of Civil Engg.,IIT Roorkee | 2008-10 |
| 23. | Convener,Development Planning & Web Management Committee | Deptt. Of Civil Engg.,IIT Roorkee | 2010-12 |
| 24. | Head,CTRANS | CTRANS | 1.1.2012 |

**INTERNATIONAL ACTIVITY**

* Attended CODATU, Bucharest
* Visited Technical University of Civil Engineering, Bucharest and Delivered Lectures on

- Pavement Management System Using HDM-4.

- The Beginning of Civil Engineering Education in India.

* Visited National Road Research Laboratory of Romania (CHESTRIN) & Presented Lecture on

- Application of HDM-4 for Pavement Management System for Indian National Highway Network.

* Visited Civil Engg. Deptt., Ovidius University, CONSTANTA & delivered Lecture on

- The Beginning of Civil Engineering Education in India.

* Member, Road / Vehicle Interaction Committee (ST4-Committee 4.2), PIARC
* Attended Training Program on “International Vehicle Emission Modelling” Organised by University of California, Riverside, USA.
* One Article in the Book “Les transports dans Les villes du Sud – La recherche de solutions durables“, Karthala – Codatu.
* Attended CODATU, New Delhi and Presented a paper on “A Stated Preference Approach to Mode Choice Modelling in Delhi“.
* Attended PIARC 2007 at Paris,France
* Visited Sapporo for ICPT 2008
* Attended CODATU 2008 at Ho Chi Minh city
* Attende TRB Women’s Conference at Irvine,USA
* Attended 7th ICPT at Bangkok,Thailand

##### Annexure –V

**MEMBERSHIP/ FELLOWSHIP IN PROFESSIONAL SOCIETIES**

 i) Life Member, Indian Roads Congress

 ii) Life Member, Indian Society for Technical Education

 iii) Member, Institution of Engineers, India

 iv) Life Member, Institute of Urban Transport (IUT)

 v) Fellow Member, Institute of Town Planners, India

1. Life member, Indian Society for Continuing Engineering Education, University of Roorkee, Roorkee.
2. Life Member, Indian Society of Construction Material & Structures. (ISCMS)

**Annexure - VI**

## LABORATORY EXPERIENCE

**(i) Setting up Teaching and Research Laboratories**

1. Traffic Engineering Laboratory
2. Renovation of Pavement Test Hall

**(ii) Conducting Laboratory Courses**

1. Highway Material Testing
2. Traffic Engg. Field Studies
3. CAD of Transportation System

**(iii) Using Different Types of Instruments, Systems, Software Package etc.**

1. Portable Weigh Bridge
2. Noise Level Meter & Analyzer
3. ARCINFO
4. BLOGIT for Travel Demand Modelling
5. WINDOWS, MSOFFICE
6. Radar speed Gun Meter
7. Video Film on Traffic Analysis
8. Load-man (Portable Falling Weight Deflectometer)
9. RSPM High Volume Sampler
10. Traffic Signal Model Operation

##### Annexure - VII

LIST OF COURSES DEVELOPED

#### Sl.No. Course Taught Level

#### Full Course

1. Transportation Planning PG

2. Highway Geometric Design PG

3. Traffic Engg. and Field Studies PG

4. Traffic Flow Theory and Management PG

5. Traffic Flow Theory PG

6. CAD of Transportation System \* PG

7. Modelling, Analysis & Simulation \* PG

8. Neural Network Expert System & PG

Fuzzy Set Theory

9. Advanced Traffic Engg. UG

10. Transportation Modelling & Simulation PG

11. Advanced Highway Engineering UG

#### Only Tutorial

1. Modelling, Analysis an Simulation PG

2. Construction Planning and Management UG

3. Computer Graphics UG

#### Only Laboratory

1. Transportation Engineering II UG

2. Traffic Engg. and Control UG

\* Interdisciplinary Courses

**SIGNIFICANT CONTRIBUTION / INNOVATION THROUGH TEACHING, RESEARCH, DESIGN OR ANY OTHER INNOVATIVE / CREATIVE ACTIVITY**

Dr. M. Parida’s achievements are a unique blend of academic excellence and professional expertise in the area of “Transport Infrastructure” and he has shown his ability to shape ideas to meaningful projects. Dr. Parida has made extensive contribution to the studies of Pavement Management System, Highway safety, EIA of Highway Projects, Traffic Management. The contributions made by Dr. Parida in the above areas have been useful and he has provided his expertise for the first noise barrier project in India.

Recently he has completed a DST Project “Design and Analysis of Urban Multimodal Mass Transportation System”. He was also a co-cordinator in a AICTE Nationally Coordinated Project “Urban Transport Environment Interaction” and another NCP Project on “Road Traffic Safety”. In this project five educational institutes executed a research project in co-ordinated manner.

Dr. Parida has been AICTE career award teacher during 2001-2004. He was given research finding to carryout research on “Modelling of Urban Traffic Noise”. This research has been useful for designing noise barrier at Britannia Chowk in Delhi. Another noise barrier design for Raja Garden Flyover is also going on. He has rendered advice as an expert for the design of noise barrier for Metro System in Delhi and Kolkata.

Dr. Parida has supervised 71 M.Tech./M.E. Theses and 8 Ph.D. Thesis. 10 M.Tech Theses, 6 Ph.D. Theses are currently in progress under his supervision. Two of his articles have been published in books and he has published more than 280 papers in various Indian Journals and Proceedings of International Conferences. He has completed 14 Sponsored Research Projects Costing (Rs. 19 million) and over 300 Major Consultancy Projects Costing (Rs. 50 million).

He has carried out research activities in innovative areas of Transportation Engineering. In recognition of his contribution, he has been conferred with distinguished Award, Medals & Prizes on his research contributions. Some of the prestigious awards are, IRC Pt. Jawahar Lal Nehru Birth Centenary Award – 2002, Nawab Zain Yar Jung Bahadur Memorial Medal by The Institution of Engineers (India)-2000, University of Roorkee, Khosla Research Commendation Award-2000, Musaddilal Memorial Award, Best Technical Paper Award by Institution of Engineers (India), U.P. State Centre, Lucknow.

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