



Dr. P. SRAVANA
 Professor & Co-Ordinator
 Centre for Transportation Engineering
Department of Civil Engineering
 Jawaharlal Nehru Technological University
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EDUCATION

JNTU, Hyderabad
 PhD in Structural Engineering (special concrete) of Civil Engineering 2008

JNTU, Hyderabad
 Master of Technology in Transportation Engineering, 1999

JNTU, Hyderabad
 Bachelor of Technology in Civil Engineering, 1993

ACADEMIC EXPERIENCE

JNTU, Hyderabad **Professor & Co-ordinator** Centre for Transportation Engineering **2009 - Present**

Expert Lectures	Topics	Institutions
More than 100 no's	Pavement Construction, Maintenance & Management	National Academy of Construction
	Pavement Analysis & Design, Quality Control & Quality Assurance	Engineering Staff College of India NCC/ Govt Organizations
	Pavement Evaluation	TOTEM/ Govt Organizations
	Pavement Distress/ corrections/maintenance	SEW constructions etc/ Govt Organizations
	Pavement Rehabilitation	National Academy of Construction
	Mix design Bituminous and Non-Bituminous Roads etc.	Nicmer

CONSULTANCY SERVICES PROVIDED FOR MAJOR AND MINOR PROJECTS ACROSS TELANGANA & ANDHRA PRADESH

- Traffic Impact Assessment
- Feasibility study for ROB
- Road Development & Improvement
- Pavement Characterization
- Quality Control Test
- Bituminous & concrete mix design
- Crust thick Design for flexible per JRC
- Crust thick Design for Rigid pavement as per JRC

CONSULTANCY SERVICES: NOTABLE INDUSTRIAL CLIENTS

Airports Authority of India R & B Department	AP, Irrigation Department GMR	Maytas SEW
GHMC M/S. Mega Infrastructure Pvt. Ltd.	LANCO Industries M/S. ILAA Pvt. Ltd	M/S. Mel-Tech Pvt. Ltd M/S. VR Associate & AC Guards for GHMC
CPWD	AP Hosing Corporation	RTC
AP GENCO	Singareni colonies	

NBA related Activities

**** Selected as Resourse Person for NBA , participated as resourse persons for training faculty across the country.**

Co ordinator for NBA Nodal centre at JNTU Hyderabad.

Involved in conducted 3 days workshop on NBA.

RESEARCH ACTIVITIES:

- **Guided 10 B.Tech Projects.**
- **180 M.Tech Projects till date.**
- **3 Ph.D's completed , 1 submitted**

PAPER AND PUBLICATIONS

	ALL	Since 2014
Citations	322	292
h-index	9	9
i10-index	8	7

ON GOING Ph.D's. (5 No.)

1. **Porus Concrete Pavement**
2. **Roller compacted concrete pavement**
3. **Nano Technology for constructing and maintenance of concrete pavement etc.**

Ph.D THESIS COMPLETED

1. **Role of Lake Sediments In Ground Water Quality- February-2015.**
2. **Roller Compacted Concrete For Pavement Construction: An Experimental Investigation.- December-2016.**
3. **Experimental Studies On High Volumes Of Slag Concrete For Rigid Pavements.-June-2016.**

M.Tech Thesis

1. **Failure analysis of bridges and Recommendations for Permanent Restoration.2017**
2. **Optimization of Concrete Mix by Grey Taguchi and ANOVA-2017**
3. **Development of nomograms for the properties of high volume of slag concrete for Rigid Pavement 2017**
4. **Feasibility study on proposal of elevated corridor based on traffic surveys and demand assessment 2017**
5. **Derivation of LST and impact studies due to urbanization – An RS & GIS study.2017**
6. **Optimization of HMA by using Grey Taguchi, finding significance of parameters using anora.2017.**
7. **Highway drainage design of four lane project in the state of Uttar Pradesh.2017**
8. **Toll Road Traffic and revenue forecast of highway BOT project a case study on build operate transfer project in India.2017.**
9. **Speed flow and level of service of urban traffic 2017**
10. **Evaluation of Bus frequency A case study in Delhi.2017.**
11. **Performance properties of cement stabilized bases with over burnt brick ballast and fly ash 2017**
12. **Pedestrian facilities and pedestrian delay model 2017**
13. **Signal coordination 2017.**
14. **A study on surface drain of rain water for Hyderabad city roads 2017**

15. Styling rectification of potholes by using bitumen emulsion based card mix technology with various additives. 2017.
16. Study of public transit system in Hyderabad 2017
17. Study of feasibility of recycling of bituminous pavement materials 2017
18. Studying characteristics of stone matrix asphalt with various additives 2017
19. Developing capacity and level of service models for bicycles (BLOS) in mixed traffic scenario.2017
20. Multinomial logit model for analysis of mode choice behaviour in urban areas.2017
21. A Study on pedestrian facilities on various road stretches of Hyderabad 2017.
22. Traffic signal coordination.2017
23. Evaluation of roads safety using interactive highway safety design model (IHSDM) 2017
24. Estimation of capacity and Level of Service for Inter Urban and Urban Expressway 2017
25. Case Studies on Premature Top-down Cracking Mechanism of Flexible Pavements 2017
26. Evaluation of Road Safety Audit Implementation Using Crash Reduction Factor and HDM-4 2017
27. Estimation of Capacity and Level of Service for Divided Urban Roads 2016
28. Workability and Strength Properties of Flyash Based Geo-Polymer Concrete 2016
29. Study on Cement treated Subbase Roads 2016
30. Analytical method for Asphalt Concrete Mix Design 2016
31. Performance of modified Asphalt Mixes by Basalt and Glass Fiber 2016
32. Analysis on Road Accident 2016
33. Estimation of Saturation flow model at Signalized intersection for non Lane based Heterogeneous Traffic 2016
34. Performance of Modified Asphalt Mixes By Polyester and Polypropylene fibre 2016
35. Lidar Data for Road Alignment and Geometric Design 2016
36. Studying the potential of airborne lidar data and digital for road alignment an geometric design 2015
37. Design of emulsified recycle mixture 2015
38. Influence of rounded aggregates in DBM bituminous mixes 2015
39. To Develop a correlation between California bearing ratio and dynamic cone penetration value 2015
40. A Study of the strength properties of pervious concrete by using fly ash for pavements 2015.
41. Developing the nomograph for selecting recycling agents in recycled bituminous mixes 2015.
42. Establishment of relation between static and dynamic modules of ordinary concrete and high volume slag concrete 2015
43. Durability studies on roller compacted high volume fly ash concrete pavement 2015
44. GIS based on performance Evaluation of road network planning 2015
45. Experimental studies on strength properties of pervious concrete for pavements 2015
46. Rehabilitation of distresses pavement by reclaimed asphalt material 2015
47. Influence of Platoons on urban road way capacity 2015
48. Analysis of Pavement deterioration based on over loading using HDM-4 2015
49. Studying marshall properties of bituminous mixes by varying filler asphalt ratio 2015
50. Investigation of modified bitumen using asbestors fiber in dense bituminous macadam 2015
51. Strength and durability properties of OPC and high volume of slag concrete for pavements 2015.
52. A case study on “Hot in place recycling” of flexible pavements2015
53. Improving sub-grade soil strength by stabilization with pond as for pavements.2015
54. Strength and durability studies on copper slag concrete for rigid pavements 2015
55. Impact strength of high volume slag fibre concrete with GGBS and additional materials for rigid pavements 2015
56. Impact of side friction on speed and capacity of urban arterials 2015
57. Studying the properties of bituminous mixes with the addition of stearie acid modified bitumen 2015
58. Study on relationship between road roughness and pavement distresses 2015
59. Astudy on the properties of pervious concrete of pavements 2015
60. Modeling of bituminous mixes 2015
61. Study on the mechanical properties of high volume flyash roller compacted concrete 2015

62. Exploring relation between network connectivity inoex and delay for optimizing delay at network level with different scenarios 2015
63. Performance of modified ashaly mix by Kevlar fiber 2015
64. Studying the mechanical properties of concrete using calcium nitrate as an admixture for rigid pavements 2015
65. Studies on copper slag as fine aggregate in concrete pavments 2015
66. Construction of interlocked concrete blocks for low traffic volume roads 2015
67. Study on enhancement of properties of concrete by vacuum dewatering method for rigid pavements 2015
68. Impact of mass rapid transport system in urban scenario 2015
69. Experimental studies on utilisation flyash in self compacted concrete for rigid pavements 2015
70. Cost effective rehabilitation of low volume FLEXIBLE pavement using of geogrid reinforcement 2015
71. Constraints in implementation on IRC 37.2012 Guidelines.2015
72. Design of FLEXIBLE pavement with cement and fiber stabilized soil as a base layer 2015
73. Temperature studies on high volume of stag concrete of pavement 2015
74. Impact of traffic on environment 2014
75. Performance evaluation of very low volume low CBE FLEXIBLE pavements with stone dust,lime and cement as stabilizers 2014
76. Comparing the properties of vigrim bitumen with warm asphalt wing evotherm as additive 2014
77. Comparing the properties of HMA with warm asphalt mixes by varying temperatures using sasobit and stearic acid as additives. 2014
78. Evaluating the properties of stone matrix asphalt using VG 30 and warm 2014
79. Studying properties of warm asphart mixes by varying temperatures 2014
80. Construction of Flexible Pavements using waste rubber tires 2014
81. A study on the performance of carbon fiber modified bitumen in dense bituminous macadam 2014
82. A Study on the performance of crumb rubber modified bitumen 2014
83. Properties of stone matrix asphalt with bagasse fiber and polyester fiber 2014
84. Alternative pavement composition for service road with pond ash lime stabilized layer 2014
85. A study on the performance of glass fiber modified bitumen in dense bituminous macadam 2014
86. Road network connectivity analysis of kukatpally municipality using GIS 2014
87. Performance of dense bituminous macadam using poly propylene fiber as modifier 2014
88. Effect of elongation index on the bituminous mixes 2014
89. A study on the performance of polyester fiber modified bitumen in dense bituminous macadam 2014
90. Properties of stone matrix asphat using carbon fiber and glass fiber 2014
91. Design of fixable pavement with cement stabilized pond ash a base layer 2014
92. Effect of flakiness and elongation indices on the bituminous mixes 2014
93. A study on the performance of basalt fiber modified bitumen in dense bituminous macadam 2014
94. Road infrastructure planning and safety audit by using ARS GIS 10.1 for Balanagar 2014
95. Properties of Stone matrix asphat with cellulose fiber and coir fiber 2014
96. A study on the integrated transport hub-secundrabad 2014
97. Traffic management plan for proposed metro rail project in Hyderabad 2014
98. Effect of flakiness on the bituminous mixes 2013
99. Design of stone matrix asphalt mixture 2013
100. Traffic signal design at an intersection using Fuzzy logic 2013.
101. Road asset management system as a tool for decision making in maintenance management of roads
102. Models nomograms for strength parameters of flyash concrete for rigid pavement 2013
103. Measurement of distress in pavements with surface rating and prediction implementing me-PDG. 2013
104. Capacity augmentation with respect to level of service in rural highways under mixed traffic condition
105. A study on road uses costs at JNTU intersection 2013
106. Durability Studies on High Volumes of Slag concrete for Rigid Pavements 2013.
107. Life Cycle Cost Analysis as a tool for Selection of Pavement 2013
- 108 Basic Studies on High Volumes of Slag Concrete for Rigid – Pavements 2012

- 109 Pavement Maintenance Management System for Urban Roads through HDM – 4 2012.
- 110 Transportation Planning and Policy – A tool for economic development 2012
- 111 Assessment of Toll revenue for BOT Project (case study from Karnataka/A.P. border to Sanga Reddy)
- 112 Pavement Analysis by Finite Element method 2012
- 113 Geo-synthetic and it's effect on fatigue life of flexible pavement 2012
- 114 Flexible pavement maintenance and optimization model for road network maintenance management with (MODAT) 2012
- 115 Major Junctions Improvement in Kukatpally Municipality 2012
- 116 An overview of ME-PDG & and Comparisim to IRC method of designing pavements 2012
- 117 White Topping as a Alternate Option for Rehabilitation of Flexible Pavements 2012
- 118 The theory of Road User Satisfaction, Its Measurement and Utility in Decision Making Process 2012
- 119 Accident Analysis and Prediction Modeling for NH – 5 Before and After Improvements to 4 Lanes
- 120 A Study on Influence of Randomly Mixed Coir Fibers on CBR values of Clayey Subgrade Stabilized with Fly Ash 2012
- 121 Maintenance Intervention Criteria for In-service Flexible Pavements. 2012
- 122 Elasticity Based Vehicle Growth Forecasting. 2012
- 123 Replacement Of Base Layers Of Pavement With Soil Stabilized Layer 2012
- 124 A Comprehensive Design Approach Of Flexible Pavement In Design-Build-Finance-Operate- Transfer (DBFCT)
- 125 Modeling traffic accident severity of national Highway – 202 in Ranga Reddy district 2012
- 126 Prioritization of the pavement failures using multi decision criteria and pavement condition index 2012
- 127 Feasibility study of flyover at Sanjeevaiah park 2012
- 128 Road network connectivity Analysis based on GIS 2012
- 129 Road Safety Audit for Nizamabad 2012
- 130 Mechanistic empirical Design of Flexible pavements 2012
- 131 Highway alignment in Hilly Area and preventive measures of their Environmental concern 2011
- 132 Bituminous evaluation used cold mix technology for construction of roads 2011
- 133 Risk analysis on traffic mobility with reference to dynamic characteristics of the traffic flow 2011
- 134 Analysis of traffic characteristic verses land use of study area 2011
- 135 Pedestrian signal design at intersections in urban areas 2011
- 136 A study on use cement n the construction of pavements on compressible red soil 2011
- 137 Economic evaluation flexible and rigid pavements 2011
- 138 Scenario of traffic of transport model for a suitable 2011
- 139 The speed of flow and headway modeling of urban traffic 2011
- 140 A model of pedestrian behavior at mid block section 2011
- 141 Traffic congestion and reliability trends and advanced strategies for congestion mitigation 2010
- 142 Studies on stabilization of clayey subgrade for pavement using RBI grade 81 admixtures 2011
- 143 Urban land use and transportation planning A case study of Guntur city 2011
- 144 Value Engineering PPD projects A case study of Bagodara – Vasad 2011
- 145 Financial Engineering of bot project A case study of Nagpur Wenganga Project. 2011
- 146 Impact of traffic on pedestrian and historical monuments Charminar a case study. 2011
- 147 Use of high volume fly ase concrete and silica volume for concrete pavement 2011
- 148 Lime and cement stabilaton of expansive soil for subgrades 2010
- 149 Economic evaluation of flexible pavement design using IRC and AAshto methods 2010
- 150 A case study of willingness of pay the toll by road used. 2010
- 151 Study of stabilization technique using RB 18; inorganic soil stabilizer in sub grade layer (clayey) type of flexible pavement construction. 2010
- 152 Pavement failures and material characterization & standardization issues using multi criteria analysis 2010
- 153 Construction procedures of flexible pavement and analysis of causes of their failures 2010

- 154 A study on optimal utilization of gravel in flexible pavements 2010
- 155 Investigation of polyester fibre in cement concrete pavements 2010
- 156 Pavement management system for rural roads 2009
- 157 Geo technical base analysis of failure of flexible pavement from Kavali to Kanigiri in SPSR Nellore Di.st AP. State. 2010
- 158 Traffic analysis of Hyderabad metro rail a case study for miyapur to S.R nagar in corridor – 1 2010
- 159 A study on parking demand & supply at some commercial complexes in Hyderabad
- 160 Route optimization and management of transport system using global positioning system (GPS)

SUBJECTS TAUGHT AT UG LEVEL AND PG LEVEL

UG Subject: Strength of Materials

Surveying

Building Material and Construction

Concrete Technology

Highway Engineering

Engineering Mechanics

PG Subjects: Pavement Material Characterization

Pavement Analysis & Design

Pavement Construction Maintenance and Management

Traffic Engineering and Management

Traffic Analysis

PUBLICATIONS IN INTERNATIONAL JOURNALS/ CONFERENCES

1. Meghala¹, Mohan Rao. A², Velmurugan.S³, Sravana. P⁴ Evaluation Of Road Safety Audit Implementation Using Crash Reduction Factor And Hdm-4
2. Punya Murty Kathari¹, Dr.A.K.Sandra², Dr.P.Sravana³ Laboratory Evaluation of Performance of Basalt Fiber Modified Asphalt Binders 2018.
3. Dr.P.Sravana, Experimental investigation on the performance of asphalt binders reinforced with basalt fibers **October 2018**. Innovative Infrastructure Solutions December 2018, 3:76 Springer.
4. **Dr.P.Sravana**, A.Mani Deepika, T.Vijaya Gowri,: “Principal component analysis of concrete mix by ranking method” International conference on research advancements in applied engineering, computer and communication technologies -2018
5. **Dr.P.Sravana**, K.Karunakar, K.Govind Goud, T.Sowjanya “Properties of Stone Matrix Asphalt Using Carbon Fiber and Glass Fiber” International Journal of Engineering Science Invention (IJESI) Volume 7 june 2018 PP45-52.
6. **Dr.P.Sravana**, Penki Ramu, P.Sarika, and V.Premraj Kumar “Analytical Method for Asphalt Concrete Job Mix Formula Design” International Research Journal of Engineering and Technology(IRJET) Volume:03(2016)
7. **Dr.P.Sravana** , Amarendra Kumar Sandra and Kathari Punya Murty. "Rheological Properties of Polypropylene Reinforced Asphalt Binder." Transportation Infrastructure Geotechnology (2016): 1-18.

8. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "Investigating the effect of M-sand on abrasion resistance of Roller Compacted Concrete containing GGBS." *Construction and Building Materials* 122 (2016): 191-201.
9. **P. Sravana**, and Rao, S. Krishna, T. Chandrasekhar Rao. "Investigating the effect of M-sand on abrasion resistance of Fly Ash Roller Compacted Concrete (FRCC)." *Construction and Building Materials* 118 (2016): 352-363.
10. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Experimental studies in Ultrasonic Pulse Velocity of Roller compacted concrete pavement containing Fly Ash and M-sand." *International Journal of Pavement Research and Technology* (2016).
11. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "Abrasion resistance and mechanical properties of Roller Compacted Concrete with GGBS." *Construction and Building Materials* 114 (2016): 925-933.
12. **P. Sravana**, Gowri, T. Vijaya, and P. Srinivasa Rao. "On The Relationship between Compressive Strength and Water Binder Ratio of High Volumes of Slag Concrete." *International Journal of Applied Engineering Research* 11, no. 2 (2016): 1436-1442.
13. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "Relationship between Ultrasonic Pulse Velocity and Compressive Strength for Roller Compacted Concrete containing GGBS." *International Journal of Applied Engineering Research* 11, no. 3 (2016): 2077-2084.
14. **P. Sravana**, Krishna Rao, S., and T. Chandrasekhar Rao. "Relation between Cantabro Loss and Surface Abrasion Resistance of Fly Ash Roller Compacted Concrete (FRCC)." In *Advanced Engineering Forum*, vol. 16, pp. 52-68. Trans Tech Publications, 2016.
15. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "experimental studies in ultrasonic pulse velocity of roller compacted concrete containing GGBS and M-sand." *ARPN Journal of Engineering and Applied Sciences* 11, no. 3 (2016).
16. **P. Sravana** Erratum to : Rheological Properties of Polypropylene Reinforced Asphalt Binder PM Kathari, AK Sandra, GAVinash, *Transportation Infrastructure Geotechnology* 3(3-4), 127-127
17. **P. Sravana**, Punya Murty, V.Prem Raj Kumar, P.Sarika "Evaluation of Rutting Performance of Asphalt Binder Modified with Basalt Fibers Based on Rheological Tests." *International Journal on Civil Engineering Research*, Volume 6, Number 1(2015)pp 69-81.
18. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "Evaluation of Dynamic Elastic Modulus of Roller Compacted Concrete Containing GGBS and M-Sand." *i-Manager's Journal on Civil Engineering* 6, no. 1 (2015): 21.
19. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Investigation On Pozzolanic Effect Of Mineral Admixtures In Roller Compacted Concrete Pavement." *i-manager's Journal on Structural Engineering* 4, no. 2 (2015): 28.
20. **P. Sravana**, Vijayagowri, T., and P. Srinivasarao. "Rapid Chloride Permeability Test On High Volumes Of Slag Concrete." *i-Manager's Journal on Structural Engineering* 4, no. 1 (2015): 19.

21. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Analysis on strength and Fly ash effect of Roller compacted concrete pavement Using M-sand." *i-Manager's Journal on Structural Engineering* 4, no. 1 (2015): 1.
22. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhar Rao. "Design and Analysis of Roller Compacted Concrete Pavements for Low Volume Roads in India." *i-manager's Journal on Civil Engineering* 5, no. 2 (2015): 9.
23. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Effect Of M-sand and Ggbs on Strength and Compaction Characteristics of Roller Compacted Concrete Pavement (RCCP)." *International Journal of Research in Engineering and Technology* 4 (2015).
24. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Strength and Compaction Characteristics of Fly Ash Roller Compacted Concrete." *International Journal of Scientific Research in Knowledge* 3, no. 10 (2015): 0260-269.
25. **P. Sravana**, Rao, S. Krishna and T. Chandrasekhara Rao. "Experimental Investigation on Pozzolanic effect of fly ash in Roller compacted concrete pavement using Manufactured Sand as fine Aggregate." *International Journal of Applied Engineering Research* 10, no. 8 (2015): 20669-20682.
26. **P. Sravana**, Rao, S. Krishna, and T. Chandrasekhara Rao. "Experimental Investigation on Pozzolanic effect of fly ash in Roller compacted concrete pavement using Manufactured Sand as fine Aggregate." *International Journal of Applied Engineering Research* 10, no. 8 (2015): 20669-20682.
27. **P. Sravana**, Gowri, T. Vijaya, and P. Srinivas Rao. "Acid Resistance of High Volumes of Slag Concrete." *i-Manager's Journal on Civil Engineering* 4, no. 4 (2014): 7.
28. **P. Sravana**, Gowri, T. Vijaya, and P. Srinivasa Rao. "STUDIES ON STRENGTH BEHAVIOR OF HIGH VOLUMES OF SLAG CONCRETE." *International Journal of Research in Engineering and Technology (IJRET)* 3, no. 4 (2014): 227-238.
29. **P. Sravana**, Rao, S. Krishna, P. Sarika, and T. Chandra Sekhara Rao. "Evaluation of Properties of roller compacted concrete Pavement." *International Journal of Education and Applied Research*, ISSN (2014): 2348-0033.
30. **P. Sravana**, KrishnaRao, S., T. ChandraSekharRao, and "Effect of Manufacture sand on Strength Characteristics of Roller Compacted Concrete." In *International Journal of Engineering Research and Technology*, vol. 2, no. 2 (February-2013). ESRSA Publications, 2013.
31. **Dr P. Sravana**, Rao, S. Krishna, Dr T. Chandra Sekhara Rao. "Mix Design of Roller Compacted Concrete: An experimental study Using Crushed Stone & River Sand as Fine Aggregate." In *National Conference on SCMAT, NIT Warangal*. 2013.
32. **P. Sravana**, Apparao, G. "Studies on Compressive Strength of Ternary Blended Concretes at Different Water Binder Ratios." *Volume 2 Issue 9-September 2013*: 37.
33. **P. Sravana**, Krishna Rao, S., and Chandra Sekhar Rao. "T.,.,(2013). "Effect of Manufacture sand on Strength Characteristics of Roller Compacted Concrete". *International Journal of Engineering Research and Technology* 2, no. 2.

34. **P. Sravana**, Phani, S. Sesha, Sekhar Tirumala Seshadri, P. Srinivasa Rao, and P. Sarika. "Studies on Strength, Acid Attack and sulphate Attack of High Strength Self Compacting Concrete Using Mineral Admixtures." *i-Manager's Journal on Civil Engineering* 3, no. 1 (2012): 30.
35. **P. Sravana**, Seshadri, Sekhar Tirumala, S. Sesha Phani, P. Srinivasa Rao, "Studies on High Strength Self Compacting Concrete Mixes Using Mineral Admixtures." *i-Manager's Journal on Civil Engineering* 2, no. 3 (2012): 22.
36. The Effect of Compressive Strength on High Strength Concrete at Different Temperature and Time
37. **P. Sravana**, Chandramoul, K., Rao P. Srinivasa, N. Pannirselvam, Sekhar and T. Seshadri,. "The effect of weight loss on high strength concrete at different temperature and time." *Journal of Emerging Trends in Engineering and Applied Sciences* 2, no. 4 (2011): 698-700.
38. **P. Sravana**, P. Srinivasa Rao, K. Chandramouli, T. Seshadri Sekhar, and P. Sarika. "Some Studies on Flexural Behaviour of Glass Fibre Reinforced Concrete Members." In *6th Conference on Our World in Concrete & Structures*. 2011.
39. **P. Sravana**, Sekhar, T. Seshadri, and P. Srinivasa Rao. "Pulse Velocity Behaviour of Glass Fibre Self Compacting Concrete at Elevated Temperature." *i-Manager's Journal on Future Engineering and Technology* 6, no. 1 (2010): 40.
40. **P. Sravana**, P. Srinivasa Rao, and T. Seshadri Sekhar. "Flexural behaviour of glass fibre reinforced self-compacting concrete slabs." In *35th Conference on "our world in concrete & structures"*, Singapore. 2010.
41. **P. Sravana**, Chandramouli, K., T. Seshadri Sekhar, N. Pannirselvam, and P. Srinivasa Rao. "Strength properties of glass fiber concrete." *ARPJ journal of Engineering and Applied sciences* 5, no. 4 (2010): 1-6.
42. **P. Sravana**, Chandramouli, K., P. Srinivasa Rao, T. Seshadri Sekhar, and N. Pannirselvam,. "Rapid chloride permeability test for durability studies on glass fibre reinforced concrete." *ARPJ Journal of engineering and applied sciences* 5, no. 3 (2010): 67-71.
43. Babu, P. Ravindra, T. Siva Prasad, A. V. S. Raju, V. V. Nagaraju, V. K. Dwivedi, J. K. Yadav, Rohit Tripathi et al. "The Effect of External Roller Burnishing On the Surface Roughness and Surface Hardness of Composite Material E-Glass Epoxy." *International Journal of Applied Engineering Research* 5, no. 6 (2010): 923-934.
44. Evaluation of Chloride Ion Penetration on Concrete Using AR-Glass Fibres
45. Presented the paper titled "**Experimental Studies on permeability of glass fibre self-compacted concrete**" in the **International Journal of Applied Engineering Research**
46. Durability and Comparative Study on Concrete using RCPT for Different Grades of Concrete
47. **P. Sravana**, Chandramouli, K., P. Srinivasa Rao, N. Pannirselvam, and T. S. Sekhar,. "Chloride penetration resistance studies on concretes modified with alkali resistant glass fibers." *American Journal of Applied Sciences* 7, no. 3 (2010): 371.
48. **P. Saravana**, Srinivasa Rao, and Seshadri Sekhar. "Self Compacting Concrete Behaviour After Immersing In Acid And Sulphate Solutions." *i-Manager's Journal on Future Engineering and Technology* 5, no. 1 (2009): 51

49. **P. Sravana**, Srinivasa Rao, P., G. Vishwanadh, and T. Sekhar. "Flexural behaviour of reinforced concrete beams using self-compacting concrete." In 34 th conference on our world in concrete & structures. 2009.
50. Durability studies on glass fibre SCC
51. **P Sravana**, P. Srinivasa Rao, and MV Seshagiri Rao. "Effect of thermal cycles on compressive strength of high volume fly ash concrete." In Proceedings of 31st Conference on Our World in Concrete and Structures, Singapore. 2006.
52. **P. Sravana**, Srinivasa Rao, P., and M. V. Seshagiri Rao. "Effect of thermal cycles on the strength properties of OPC and fly ash concretes." Indian concrete journal 80, no. 3 (2006): 49-52.
53. **P. Sravana**, Srinivasa Rao, P., and M. V. Seshagiri Rao. "Effect of thermal cycles on the strength properties of OPC and fly ash concretes." Indian concrete journal 80, no. 3 (2006): 49-52
54. **P. Sravana**, Rao, Dr P. Srinivasa, . "Relationship between Splitting Tensile and Compressive Strength of Concrete." Construction Review Journal June (2005): 39-44.
55. **Dr P.Sravana**, Rao, Dr P. Srinivasa, , Dr Z. Abdul Rahim, and Dr T. Seshadri Sekhar. "Durability studies on steel fibre reinforced metakaolin blended concrete." AKGEJC International Journal of Technology 3, no. 1: 38-43.
56. **P. Sravana**, Gowri, T. Vijaya, and P. Srinivasa Rao. "Effect of Temperature on Durability of High Volumes of Slag Concrete."
57. **P. Sravana**, Kathari, Punya Murthy, and Amarendra Kumar Sandra. "Study of Rheological and Creep Recovery Properties of Asphalt Modified with Glass and Polyester Fibers."
58. **P. Sravana**, Chandramouli, K., P. Srinivasa Rao, T. Seshadri Sekhar, and N. Pannirselvam,. "Effect of Thermal Cycles on Compressive Strength of Different Grades of Concrete."
59. **P. Sravana**, Rao, P. Srinivasa, T. Mouli Chandra, N. Pannirselvam, , and P. Sarika. "STUDIES ON THERMAL CYCLES OF GLASS FIBRE CONCRETE MIXES."
60. Model Flexible Pavement Performance of Reinforced Gravel Subbase
61. **“Effect of crusher stone dust on some properties of concrete”**. National Seminar on Advances in Construction Materials at AICM – 2002, Hamirpur India.
62. **“High Volume Fly ash Concretes with Rice Husk Ash as an Admixture-Strength.”** National seminar on Advances on Construction Materials AICM –2002, Hamirpur India.
63. **“Concrete Mix Design A Rational Approach”** National Conference on “Engineering Trends in Concrete Construction”, 22-24 Jan 2003 CBIT Hyderabad India, CBIT.
64. **“Residual Strength in High Volume Fly ash Concrete after exposure to elevated Temperatures”** International Conference on Concrete Structures December – 2004 Hyderabad.

65. **“Experimental Studies on High Volume Fly ash Concrete with fly ash as an additional ingredient”** International Conference on fibre composites High performance concretes and smart materials and work shop on High Volume fly ash Concrete at Chennai on January 2004.
66. **“Effect of Thermal Cycles on Compressive Strength of High Volume fly ash concrete”** international Conference on Advances in Concrete Composites and Structures, January 6 – 8, 2005, Chennai India.
67. **“Relation between split tensile and Compressive strength of Concrete”** civil Engineering & Construction Review June 2005
68. **“Non-Destructive testing of high volume fly ash concrete”** Acecon-2005. ICI-Asian Conference Indian Concrete Institute, Mumbai. Sep 22-25, 2005.
69. **“Concrete Mix Design – A New Approach”** National Building Materials & Construction World, October 2005.
70. **“Experimental Studies on High Volume fly ash concrete using Non-Destructive methods”** fly ash India 2005 international congress, December 4 – 7, 2005 New Delhi.
71. **“Accelerated strength of High volume fly ash concrete with fly ash used as an Additional ingredient”** National Conference on **“Recent Advances & Trends in Civil Engineering”** 16-17 March, 2007.
72. **“Residual Compressive strength of High volume fly ash concrete at elevated Temperature”** Recent Advances in concrete Technology 19-21, September 2007 Washington DC USA.
73. **“Compressive strength of High volume fly ash concrete with High volumes of fly ash as an Additional material”** International conference on **“Advances in concrete and construction”** 7-9 February 2008, Hyderabad
74. Presented paper titled **“Effects of Thermal Cycles on Compressive Strength of Fly Ash concrete”** in international conference INCONTEST 2003 on 10-12, September 2003 at kumaraguru College of Technology, Coimbatore, PP 232-239
75. Presented the paper titled **“permeability studies of High Volume Fly Ash concrete”** in national Conference BITCON-2008 organized by Bhilai institute of technology , Durg, 7-8th March, 2008, PP 29-32
76. Presented the Paper titled **“Durability studies on Glass fibre self-compacted concrete”** in the national conference organized at MuffakamJah College of Engineering, Hyderabad on 22-25 , Dec , 2008.
77. The paper titled **“Investigation of durability properties of Scc”** is under review of **international Journal of construction materials.**
78. Presented the paper titled **“An overview on the Basic Properties of Glass Fiber Self Compacting Concrete”** in the **International Journal of Material Sciences**
79. Presented the paper titled **“Durability properties on glass fibre self-compacted concrete”** in the international Journal of **Engineering Studies**

80. Presented the paper titled “**Workability and durability of glass fiber reinforced concrete**” in the **Journal of Spectrum**
81. Presented the Paper titled “**Studies on Pulse Velocity Of Glass fibre Self Compacting Concrete**” in the I-Managers journal, Journal of Future Engineering Technology
82. Presented the paper titled “**Durability studies on Glass Fibre Self Compacting Concrete**” in the Reputed Journal **Indian Concrete Journal**
83. Presented the paper titled “**Investigating the effect of M-Sand on abrasion Resistance of Fly Ash Roller Compacted Concrete (FRCC)**” esteemed Journal Elsevier.
84. Presented the paper titled “**Investigation on pozzolanic effect of GGBS in Roller compacted concrete with M-sand as fine aggregate**” esteemed Journal construction and Building Materials.
85. **Experimental studies in Ultrasonic Pulse Velocity of roller compacted concrete containing GGBS.**
86. **Experimental Studies On Static And Dynamic Modulus Of Elasticity of High Volumes Of Slag Concrete.**
87. Evaluation of Rutting Performance of Asphalt Binder Modified with Basalt Fibers Based on Rheological Tests
88. Rheological Properties of Polypropylene Reinforced Asphalt Binder.