

Curriculum Vitae



- 1. Name** : **Vikas Srivastava**
- 2. Present Designation:** Assistant Professor,
Civil Engineering Department
SSET, SHIATS
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- 3. Permanent Address** : C/o. Sri. R. K. Lal Srivastava
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Kanpur - 208005 (U.P.)
Phone : (0512) 2221406
- 4. Father's Name** : Sri. R. K. Lal Srivastava
- 5. Nationality** : Indian
- 6. Date and Place of Birth** : 28-06-1974, Kanpur (U.P.)
- 7. Academic Qualifications** : Matriculation onwards

Examination	University/ Board	Year	Subjects	Percentage of Marks	Division
High School	U.P. Board Allahabad	1989	Hindi, English, Maths, Science, E.G. Engg.	65.33	Ist
Intermediate	U.P. Board Allahabad	1991	Physics, Chemistry, Maths, Hindi, English	58.2	IInd
Diploma (Civil Engineering)	B. T. E., U. P.	1994	Civil Engineering	76.5	Ist
A.M.I.E.	Institution of Engineers (India)	2001	Civil Engineering	54.1	Division not awarded
M.Tech.*	MNNIT, Allahabad	2005	Civil Engineering (Structural Engg.)	7.97/10 (CGPA)	Ist (Hons.)
Ph. D.	SHIATS, Allahabad	2013	Civil Engineering (Structural Engg.)	10/10	

* **Title of M.Tech. Thesis** : Flexural Behavior of Synthetic Fibre Reinforced Concrete Beam.

** **Title of Ph. D. Thesis** : Durability of Steel Fibre reinforced Concrete containing Silica Fume and Metakaolin.

- 8. Field of Specialisation** : Structural Engineering.
- 9. Scholarships** : Awarded Chief Minister scholarship for two years by
M.N.R.E.C.,
Uttar Pradesh Government .

- 10. List of Publications** : Please refer Annexure-I
- 11. M.Tech. Theses Supervised** : Completed 07; Ongoing 06
- 12. Field Experience** : 10 Years
- 13. Teaching Experience** :

<u>Level</u>	<u>No. of years</u>
P.G. (Structural Engg.)	04
U.G.	05

14. Computers and Programming :

- Working experience in STAAD, DOS and Windows, and handling of other softwares.

15. Areas of Interest : Concrete, Buildings, Green Structures and Waste Product Utilisation.

16. Appointments Held:

S. No.	Designation	Name of Employer	Date of		Reason for leaving
			Joining	Leaving	
1.	Junior Engineer	Military Engineer Services	18.05.98	08.1.07	Deputation
2.	Assistant Engineer	National Water Development Agency	09.1.2007	05.7.2008	Repatriation
3.	Junior Engineer	Military Engineer Services	06.7.2008	30.09.2008	To join SHIATS
4.	Assistant Professor	Sam Higginbottom Institute of Agriculture Technology and Sciences	30.09.2008	Till Date	-

17. Membership of Professional Societies:

- Life Member, Institution of Engineers (India).
- Life Member, Indian Society for Technical Education.
- Life Member, Indian Concrete Institute.
- Life Member, Swadeshi Science Movement of India.
- Life Member, Institute of Environmental Nanotechnology.

18. Conference/Seminar/Worshop etc: Attended (15); Organized (04).

19. Consultancy Experience:

- Testing of building materials.
- Design and Proof-checking of structures.

(VIKAS SRIVASTAVA)

List of Publications

List of Publication of Vikas Srivastava

International / National Journals

1. Satyendranath, **Vikas Srivastava** and P K Mehta “Rice Husk Ash Concrete – A Review” Bioved, vol. 21, No. (1) Year 2010. PP. 115-119
2. **Vikas Srivastava**, P K Mehta and Rakesh Kumar “Utilization of Agricultural wastes in Construction Industry–A Review” Bioved, vol. 21, No. (1) Year 2010 PP. 159-162 .
3. **Vikas Srivastava**, Satyendranath and P K Mehta “Effect of Natural Fibre Inclusion on cement and Concrete Matrices – A Review” New Agriculturist, vol. 22, No. (1,2) Year 2011. **(In Press)**.
4. **Vikas Srivastava**, Rakesh Kumar, Satyendranath and P K Mehta “Waste Concrete: A Review” New Agriculturist, vol. 22, No. (1,2) Year 2011 **(In Press)**.
5. P.K.Mehta and **Vikas Srivastava**, “Fly Ash Utilization in Construction Industry – A Step towards Greener Environment” NICMAR Journal of Engineering and Management. vol. XXVI, No. IV Year 2011 PP. 36-44 .
6. **Vikas Srivastava**, Rakesh Kumar, V C Agarwal and P K Mehta, “Silica Fume and Metakaolin Inclusion - Effect on Workability and Compressive Strength” NICMAR Journal of Engineering and Management. vol. XXVI, No. IV Year 2011 PP. 19-27 .
7. **Vikas Srivastava**, V C Agarwal and Rakesh Kumar “Effect of Silica Fume on Mechanical Properties of Concrete”, Journal of Academia and Industrial Rersearch vol. 1, No. (4) Year 2012 PP. 176-179 .
8. **Vikas Srivastava**, Rakesh Kumar and V C Agarwal, “Metakaolin Inclusion Effect on Mechanical Properties of Concrete” Journal of Academia and Industrial Rersearch vol. 1, No. (5) Year 2012 PP. 251-253 .
9. **Vikas Srivastava**, Rakesh Kumar, V C Agarwal and P K Mehta, “ Effect of Silica Fume and Metakaolin on Workability and Compressive Strength” International Journal of Civil and Structural Engineering. Vol. 2, No. 3, 2012, PP. 893-900.
10. S. P. Gawtam, **Vikas Srivastava** and V C Agarwal, “Use of Glass wastes as Fine Aggregate in Concrete” Journal of Academia and Industrial Rersearch vol. 1, No. (6) Year 2012 PP. 320-322.
11. Mohmd Monish, **Vikas Srivastava** and V C Agarwal, “Utilization of demolished waste as Fine Aggregate in Concrete” Journal of Academia and Industrial Research vol. 1, No. (7) Year 2012 PP. 398-400 .
12. **Vikas Srivastava**, V. C. Agarwal, Atul, Rakesh Kumar and P. K. Mehta, “Silica Fume: An Alternative for High Quality Concrete”, Journal of Environmental Nanotechnology, Vol. 2 (2013), pp. 52-58.
13. Mohmd Monish, **Vikas Srivastava** and V C Agarwal, “Utilization of demolished waste as Coarse Aggregate in Concrete” Journal of Academia and Industrial Research, Vol. 1, No. 9, February 2013, pp. 540-542.
14. Neha, **Vikas Srivastava** and V C Agarwal, “Effect of Demolition Waste on Compressive Strength of Cement Matrix” , Journal of Academia and Industrial Research, Vol. 2, No. 5, May, 2013, pp. 295-297.
15. **Vikas Srivastava**, Mohd. Monish, V. C. Agarwal and P. K. Mehta, “Demolition Waste as Cement Replacement in Concrete” Journal of Environmental Nanotechnology, Vol. 2, No3. , pp. 16-19 .
16. **Vikas Srivastava**, P K Mehta, Satyendranath, “Natural Fiber in Cement and Concrete Matrices - A Review”, Journal of Environmental Nanotechnology, Vol. 2, No3. , pp. 62-65.
17. Junaid Kameran Ahmed, V.C. Agarwal, P.Pal, **Vikas Srivastav**, “Static and Dynamic Analysis of Composite Laminated Plate” International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-3, Issue-6, November, 2013, pp. 56-60.

18. Muntadher Ali Challob, **Vikas Srivastava**, “Effect of Fly Ash and Steel Fibre on Portland Pozzolana Cement Concrete”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-3, Issue-6, November, 2013, pp. 143-147.
19. Alvin Harison, **Vikas Srivastava** and Arpan Herbert, “Effect of Fly Ash on Compressive Strength of PortlandPozzolona Cement Concrete”, Journal of Academia and Industrial Research, Vol. 2, Issue 8, January, 2014, pp.
20. Alvin Harison, **Vikas Srivastava** and Chandra Bhan Gupta, “Effect of Fly Ash on Compressive Strength of PortlandPozzolona Cement Concrete”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-3, Issue-6, November, 2013, pp. 143-147.
21. **Vikas Srivastava**, Rakesh Kumar and V C Agarewal, “Effect of Silica Fume on Workability and Compressive Strength of Concrete” Indian Journal of Engineering and Material Science. **(Communicated)**.
22. **Vikas Srivastava**, Rakesh Kumar, S.K.Duggal and P. K. Mehta, “Flexural Behavior of Synthetic Fibre Reinforced Concrete Beam”, Civil Engineering Construction Review.2011 **(Accepted)**.
23. Agarwal, V.C.,R.K.Srivastava and **Vikas Srivastava**, “Analytical and experimental study of Hydraulic jump in horizontal rectangular channel and gradually expanding channel” Jour. Irrg. and Drainage, ASCE **(Communicated)**
24. Rakesh Kumar, P K Mehta and **Vikas Srivastava**, “Effect of Metakaoline and Recycled Fine Aggregate on Workability and Compressive Strength of Concrete ” International Journal of Civil and Structural Engineering. **(Communicated)**.
25. **Vikas Srivastava**, Arpan Herbert, S K Singh and P. K. Mehta, “Ash Concrete - A step towards environment protection”, International Journal of Environemntal Engineering. **(Communicated)**.
26. S. P. Gawtam, **Vikas Srivastava** and V C Agarwal, “Use of Glass wastes as Coarse Aggregate in Concrete” Journal of Academia and Industrial Rersearch, **(Communicated)**.
27. **Vikas Srivastava**, Rakesh Kumar, V C Agarwal and P K Mehta, “ Metakaolin Inclusion - Effect on Workability and Compressive Strength” Indian Journal of Technical Education. **(Communicated)**.

International Conferences

1. R. Sharma, Y. K. Bind, V. Singh, **Vikas Srivastava** and N. N. Harry, “Degradation in Yamuna River Water Quality: Condition Require Attention at Allahabad, India”, International Workshop of Water Quality Research to Evaluate the Effects of Agricultural Conservation practices Utilized in the U. S. and India , AAI-DU, Allahabad, 15 – 17 September.
2. Agarwal, V.C.,R.K.Srivastava and **Vikas Srivastava**, “Experimental verification of characteristics of Hydraulic jump in horizontal rectangular and gradually expanding channel” AARCV 2012, Bangalore.

National Conferences

1. **Vikas Srivastava**, Rakesh Kumar, S.K.Duggal and P. K. Mehta, “Synthetic Fibre Reinforced Concrete Beam - A Boon for Construction Industry”, Second National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, July 17-19, 2009.
2. **Vikas Srivastava**, , Y.K.Bind, N. N. Harry and Sanjay Singh, “Water Conservation – vAn Harbinger to Meet the Scarcity of Water”, Second National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, July 17-19, 2009
3. **Vikas Srivastava**, P. K. Mehta, Dharmendra and S. Nath, “Application of Rice Husk in Construction Industry”, Civil Engineering Conference - INNOVATION WITHOUT LIMITS (CEC-2009), NIT, Hamirpur, HP, India, Sept 18-19, 2009.

4. **Vikas Srivastava**, P. K. Mehta, R. Kumar and Dharmendra, "Influence of Natural Fibres on Concrete and Cement Matrix", Civil Engineering Conference- INNOVATION WITHOUT LIMITS (CEC-2009), NIT, Hamirpur, HP, India, Sept 18-19, 2009.
5. **Vikas Srivastava**, P. K. Mehta and S. Nath, "Fly Ash Bricks: An Alternative to Prevent Environmental Hazards ", XXII National Conference of Indian Institute of Geomorphologists on Man-Environment Relations, Dept of Geography, University of Allahabad, Allahabad, India, pp. 242, Oct 29-31, 2009.
6. **Vikas Srivastava** and SatyendraNath, "Vibratory Awareness : A tool for Total Health Care" All India Conference on Science and Spiritual Quest, MNNIT, Allahabad, 15-17 January, 2010
7. **Vikas Srivastava**, P. K. Mehta, N N Harry and Y K Bind "Application of Fly Ash in Concrete." Proc., National Conference 'Technologia' MPC CET, Bhilai, India., Feb 24-25, 2010.
8. **Vikas Srivastava** , P. K. Mehta, Rakesh Kumar and SatyendraNath, "Role of Construction Industry in Waste Generation and Utilization" National Seminar on Health and Environment: Issues and Challenges, SHIATS, Allahabad, May 06- 07, 2010.
9. **Vikas Srivastava** , Rakesh Kumar, Satyendra Nath and P. K. Mehta, "Impact of Power Plant Wastes on Man and Environment" National Seminar on Health and Environment: Issues and Challenges, SHIATS, Allahabad, May 06- 07, 2010.
10. **Vikas Srivastava**, S. K. Duggal, Rakesh Kumar and P. K. Mehta, "Use of Fly Ash and Rice Husk Ash in Concrete – A Comparison" All India Seminar on Advances in Materials & Techniques in Construction, IIT, Kanpur, Oct 01-02, 2010.
11. **Vikas Srivastava**, S. K. Duggal, Rakesh Kumar and P. K. Mehta, "Apsishton Ka Nirman mein Prayog", National Science Congress in Indian Languages, New Delhi, Nov 22-23, 2010.
12. **Vikas Srivastava**, Rakesh Kumar and P. K. Mehta, "Compressive Strength of Synthetic Fibre Reinforced Concrete", National Conference on Innovative Challenges in Civil Engg., PTU, Bathinda, pp. 184-187, March 15-16, 2012.
13. **Vikas Srivastava**, Atul and P. K. Mehta, "Flyash in Road Construction", National Conference on Innovative Challenges in Civil Engg., PTU, Bathinda, pp. 202-205, March 15-16, 2012.
14. **Vikas Srivastava**, S K Duggal, Rakesh Kumar and P K Mehta, "Pre Engineered Buildings – Role and Benefits" All India Workshop on Pre Engineered Buildings, CE (AF), Allahabad Accepted and date postponed.
15. **Vikas Srivastava** and Sanjay Singh "Rakh Concrete" National Science Congress in Indian Languages, New Delhi, Nov, 22-23, 2010.
16. **Vikas Srivastava** and Satyendranath, "Private Technical Institutions – Need of the Day" National Conference on Education management at MNNIT, Allahabad, Nov, 2010.
17. **Vikas Srivastava**, Arpan Herbert, R. K Pandey, S K Singh, N N Harry, "Fly ash utilization – An attempt towards sustainable development", National Conference on Environment and Biodiversity of India (EBI-2011), 30 – 31 December, New Delhi.

18. **Vikas Srivastava**, Arpan Herbert, S K Singh, Y K Bind, V C Agarwal, "Utilization of industrial waste in construction", National Conference on Environment and Biodiversity of India (EBI-2011), 30 – 31 December, New Delhi.
19. **Vikas Srivastava**, Rakesh Kumar, Satyendra Nath, B. K. Mishra and P. K. Mehta, "Solid wastes in construction" National Conference on Sustainable Development of Ground Water Resources in Industrial Regions, I.M.S., Dhanbad, February, 2012.
20. Alvin Harison, **Vikas Srivastava**, Vidhan Chandra Agarwal, "DESIGN OF GEODESIC DOME FOR 10,000 PEOPLE IN THE NATURAL DISASTER ZONE" Third National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, February, 25-27, 2013, pp. 99.
21. Sanchita Misra, Atul, **Vikas Srivastava** and Sanjay Singh, "Utilization of plastic wastes in construction", Third National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, February, 25-27, 2013, pp. 128.
22. **Vikas Srivastava**, Atul and V. C. Agarwal, "Generation and utilization of waste in construction" Third National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, February, 25-27, 2013, pp. 137.
23. Vidhan Chandra Agarwal, Niranjana Sharma, **Vikas Srivastava** and Alvin Harison, "Effect of level of 90° single smooth bend on discharge Coefficient of Bendmeter" Third National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, February, 25-27, 2013, pp. 98.
24. **Vikas Srivastava**, V. C. Agarwal, Atul, Rakesh Kumar and P. K. Mehta, "Silica Fume: An Alternative for High Quality Concrete" Third National Conference on Innovations in Indian Science, Engineering and Technology, Organised by Swadeshi Science Movement of India (Delhi), National Physical Laboratory, New Delhi, February, 25-27, 2013, pp. 158.
25. Alvin Harison, **Vikas Srivastava** and P. K. Mehta, "Utility and Design of Pre Engineered Structures" Seminar on State-of-the-Art Building Technology April 26-28, 2013, Patna, organized by INDIAN BUILDINGS CONGRESS.
26. **Vikas Srivastava**, P. K. Mehta, Alvin Harison, Mohd Monish, and Rakesh Kumar, "DEMOLITION WASTE AS AGGREGATE IN CONCRETE", National conference on Recent Trends in Civil Engineering, Organised by Department of Civil Engineering, NERIST, Arunachal Pradesh, November, 15-16, 2013.
27. **Vikas Srivastava**, Neha, P. K. Mehta, Alvin Harison, and V.C. Agarwal, "DEMOLITION WASTE IN CEMENT MATRIX", National conference on Recent Trends in Civil Engineering, Organised by Department of Civil Engineering, NERIST, Arunachal Pradesh, November, 15-16, 2013.
28. **Vikas Srivastava**, Alvin Harison, P. K. Mehta, Atul and Rakesh Kumar, "Effect of Silica Fume in Concrete", National conference on Recent Trends in Civil Engineering, Organised by Department of Civil Engineering, NERIST, Arunachal Pradesh, November, 15-16, 2013.