

## **BIO DATA**

### **1. Personnel Details**

**Name** : **Dr. PRAMOD SHARMA**

**Designation** : Professor & Head (Civil)  
(Dean Student Welfare)

**Name of the Department** : Applied Mech. & Structural Engg.  
Deptt., SATI (Degree), Vidisha

**Father's Name** : Late Shri S.P. Sharma

**Date of Birth** : 21.10.1962

**Discipline** : Civil Engineering

**Address** :

**Residence** : Infort Near Chhoti Haveli,  
Vidisha (M.P.) 464 001, INDIA

**Office** : Professor & Head  
Civil Engg. Deptt.,  
S.A.T.I. (Degree)  
Vidisha (M.P.) - 464001

**E-mail Address** : p38sharma@yahoo.co.in  
hod.civil@satiengg.in

**Phone** : Office : +91-7592-250412

**Fax** : +91-7592-250124

**Mobile** : 9826515525

**Field of Specializations** : Fluid Mechanics

## 2. Educational and Technical Qualifications obtained :

S.No	Exam. Passed	Year	Divn.	% age	Distn. Obtained (If any)	From which University/ Institution
1.	Higher Secondary (Maths)	1980	1 <sup>st</sup>	69.25	Physics, Chemistry	M.P. Board of Secondary Education, Bhopal
2.	Diploma in Civil Engg.	1983	1 <sup>st</sup>	84.00	Hons.	M.P. Board of Tech. Education, Bhopal
3.	B.E. (Civil)	1990	1 <sup>st</sup>	67.00		Barkatullah University, Bhopal
4.	M.Tech. (Civil) Foundation Engineering (Applied to Vibratory systems)	1998	1 <sup>st</sup>	66.00		Barkatullah University, Bhopal
5.	Ph.D.	2009	Rheological Characteristics of multi sized coarse particle slurry and Characteristics of slurry on pipe bend			Barkatullah University, Bhopal

## 3. Employment Record

S.No.	University/College	Designation	Period
2.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Sub Engineer	1983 to 1995
3.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Lecturer	1995 to 2001
4.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Reader	2001 to 2006
5.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Associate Professor	2006 to 2012
6.	SATI (Engg. College) Vidisha (M.P.)	Professor	10.1.2012 to continue
7.	SATI (Engg. College) Vidisha (M.P.)	Dean Academic	2015 to continue
7.	SATI (Engg. College) Vidisha (M.P.)	Head, Civil Engg. Deptt.	02.08.2019 to continue

## 4. Experiences

### (A) Field Experience :

1.	Sub. Engineer, Samrat Ashok Technological Institute (Engg. College) Vidisha
2.	Secretary, Civil Engineering Technology Development Centre, SATI, Vidisha
3.	PIC Building Section, SATI, Vidisha
4.	PIC Establishment Section, SATI, Vidisha
5.	PIC Electrical Maint., SATI, Vidisha
6.	Hostel Warden, Girls Hostel, SATI, Vidisha

7.	Member in various committee of various conferences conducted by the Institute : a) Reception Committee b) Publicity and Photographs Committee c) Course Material Preparation Committee d) Field Training & Management
8.	Dean Academic Section
9.	Head, Civil Engineering Department

**(B) Industrial Experience :**

There is a " Civil Engineering Technology Development Centre" (an institutional building centre approved by HUDCO, New Delhi) setup in the institute campus in the year 1991 which is during commendable work on Experimental housing using Low Cost & Innovative Construction techniques, using alternate building Materials & Propagating the above techniques amongst the user agencies. Impressed by its activities HUDCO, New Delhi has sanctioned a KFW grant (German grant) of Rs. 12.60 lakhs in 1995 & Mobile building Centre grant Rs. 13.125 lakhs in 1999 to the Centre. The Centre is presently involved in the Construction work, worth Rs. 1.5 Crores Allotted by the district administration.

**(C) Research Experience**

**(ii) Research guiding experience :**

S.No.	Thesis guided	Awarded	On going
1.	M.Tech. Thesis guided	14	
2.	Ph.D. Thesis guided	0	0
3.	Paper presented in Seminar/workshop	20	—

**5. Extra Curricular Activities & Awards**

**(a) Services for the Welfare of Society :**

S.No.	Service for the Welfare of Society
1.	Life Member - Vidisha Rose Society, Vidisha (1993)
2.	Executive Member - Paryavaran Sanrakshan Dal, SATI, Vidisha (1995)
3.	Life Member - M.P. Rose Society, Bhopal (1996)
4.	Secretary - Civil Engg. Technology Development Centre, Vidisha

**6. Membership**

**(A) Membership of Professional Bodies :**

S.No.	Membership of Professional Bodies
1.	Life Member - ISTE, New Delhi (LM-23703 dated 15.4.1997)

2.	Life Member - SATI International Alumni Association 2004
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## 7. Updated knowledge with training/Seminar/Conferences/Workshops/Summer Winter School

S. No.	Training/Seminar/Conferences/Workshops/Summer Winter School
1.	Attended, Seminar Cum Integrated Training Programme on Low Cost Materials and Housing organised by S.A.T.I. Vidisha and C.B.R.I. Roorkee. 16-19 Sept. 1991.
2.	Attended Winter School on Alternative Building Materials and Cost Effective Technologies. 14-26 Feb. 1994. S.A.T.I. (Degree), Vidisha.
3.	Attended seminar on Quality Assurance in Technical Education - Challenges of the New Economic Policy, SATI (Degree), Vidisha. 28-29 Jan. 1995.
4.	Attended National Seminar on "logistic management in 2000 AD": Challenges & strategies, SATI, Vidisha & SMDS, Bhopal, 20-21 April 1996.
5.	Attended QIP Short term course on " Total Quality Management in Technical Education, 2 <sup>nd</sup> - 15 <sup>th</sup> Dec. 1996, G.E.C. Bhopal.
6.	Attended 23rd National Conference on "Fluid Mechanics and Fluid Power" conducted by M.A.C.T. Bhopal, 27 - 29 Dec. 1996.
7.	Attended National Seminar on "Energy Efficient Lighting System" conducted by S.A.T.I. Vidisha, 5 - 6 Feb. 1999.
8.	Attended Faculty Development programme organized by EDC, SATI, Vidisha sponsored by DSTE, Govt. of India , 8.3.1999 to 26.3.1999
9.	Attended Winter School on Application of ISO-9000 in Technical Institutions organized by Bhopal Engineering College, 20 Dec. 1999 to 31 Dec. 1999.
10.	Attended Staff Development Scheme on New Building Materials and Cost Effective Construction Techniques sponsored by AICTE, New Delhi organized by Department of Civil Engg., SATI, Vidisha - 29 Jan. - 17 Feb., 2001
11.	Attended Faculty Development programme organized by EDC, SATI, Vidisha sponsored by DSTE, Govt. of India
12.	Attended STP on "Seismic evaluation and retrofit conducted by IIT Roorkee, Dec. 19-24, 2005.
13.	Attended One week workshop on Fundamental and Applications of Plasmas organized by SATI, Vidisha sponsored by DSTE, 19-24, Feb. 2007
14.	Attended Training programme on Appropriate Rural Housing Technologies organized by SATI, Vidisha and sponsored by CBRI, Roorkee, 20-21 Oct. 2008
15.	Attended STP on "Knowledge management issues and challenges" conducted by NIT Soorat, Jan. 4-8, 2010.
16.	Attended STP on "Seismic Design of RC Building" conducted by IIT Kharagpur, Sept. 12-16, 2011.
17.	Attended Two Weeks ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes under the National Mission on Education throught ICT Conducted by IIT Bombay during Nov. 5 <sup>th</sup> to Dec. 4 <sup>th</sup> , 2011.
18.	Participated in theFDP on Project Management Overivew of 9 knowledge areas held on 3.3.2012 at SATI Vidisha conducted by Tata Consultancy Services.
19.	Attended FDP conducted by EDC, SATI Vidisha during 01.11.2012 to 15.11.2012.
20.	Participated in Two Weeks ISTE workshop on Engineering Mechanics conducted by IIT, Bombay from 26 <sup>th</sup> Nov. to 06 <sup>th</sup> Dec. 2013.
21.	Attended One Day Training cum Workshop on Patent and Project Management organized by CSIR Advanced Materials and Process Research Institute (AMPRI) Bhopal on 27 <sup>th</sup> Oct. 2015.
22.	Attended CEP 3 days course on "Energy Efficiency & Management" conducted at SATI Vidisha under TEQIP-II by IIT Bombay during March 5-7, 2017.
23.	Attend 3 days workshop under the knowledge incubation under TEQIP (KITE) initiative of MHRD Govt. of India conducted by IIT Bmombay during March 17-19, 2017
24.	Attended CEP 3 days course on "Faculty - Student collaboration Pedagogy with emphasis on signed pressing conducted by IIT Bombay during March 17-19, 2017.

25.	Attended CEP 3 days course on Solar Photovoltaic's Fundamentals Technologies & Application conducted at SATI Vidisha under TEQIP-II by IIT Bombay during March 23-25, 2017 (NUCE&QIP/EN/I-81/2016-17/17)
26.	Participated 5 days pedagogy & Management Exparity Enhancement Programme for teaching staff during 5-9 March 18 at SATI Vidisha
27.	Participated in MHRD-TEQIP-kite five days summer training programme on Active learning workshop on the theme Pedagogy & Research conducted by IIT Bombay 11-15 June 2018.
28.	Participated in 3 days interaction seminar & exhibition on "Innovation & opportunities in Building Mixtures and housing Technologies" organized by SATI during 1-3rd Nov. 2018.
29.	Participated in 3 days interaction seminar & exhibition on "Innovation & opportunities in Building Mixtures and housing Technologies" organized by SATI during 1-3rd Nov. 2018. as Reporter
30.	Participated 6 days National Workshop on Pedagogy and Active Horsing at SATI during 20-25 May 2019.
31.	Attended One day workshop on "Examination reference for teachers organised by AICTE Bhopal & SGISTS Indore 9 May 2019
32.	Participated 5 Days FDP for student Induction organized by SATI in collaboration with SPIU-MP - July 1-5, 2019.
33.	Attended 5 days XLIII ISSC held from 17-21 Jan. 2020 at Bengaluru Central University Bengaluru.
34.	Attended One day Regional workshop on Good Governance organized by SPIU Bhopal on 04, Feb. 2019
35.	Attended the workshop on Technical paper writing and patent filing organized by State Project Implementation Unit, Madhya Pradesh dated 12-13, March 2020.

## 8. Conducted Training/Seminar/Conferences/Workshops/ Summer Winter School

S.No.	Conducted Training/Seminar/Conferences/Workshops/Summer Winter School
1.	National Seminar on "Waste Management" at S.A.T.I. Vidisha, 26 - 27 Oct. 1999.
2.	Staff Development Programme for Engineering College Teachers at S.A.T.I. Vidisha, 29 Jan to 17 Feb. 2001
3.	National Workshop on Scientific Solutions for Waste Management & Pollution Control organised by SATI, Vidisha, 4 <sup>th</sup> October 2004.
4.	Training to Teachers Under the Staff Development Programme on New Building Materials and Cost Effective Construction Techniques organised by Department of Civil Engineering, SATI, Vidisha, Dec. 10 - 23, 2004.
5.	National Seminar on Energy Efficient Buildings organised by Department of Civil Engineering, SATI, Vidisha, 17-18 Dec. 2004.
6.	National Seminar on Awareness of Sub-surface and Trenchless Technology organised by Civil Engg. Technology Development Centre, SATI Campus, Vidisha, 20-21 Dec. 2004.
7.	Training to Teachers Under the Staff Development Programme on Intelligent & Green Building Materials organised by Department of Civil Engineering, SATI, Vidisha, 6 <sup>th</sup> July to 17 <sup>th</sup> July, 2009.
8.	Training to Teachers Under the Staff Development Programme on Cost Effective Building Materials and Construction Techniques organised by Department of Civil Engineering, SATI, Vidisha, 2 <sup>nd</sup> Aug. to 14 <sup>th</sup> Aug., 2010.
9.	Two Tier Programme on Re-skilling of Skilled / Semi-Skilled Construction Personnel on Alternate Innovate Construction Technologies (Six days on – site training for Masons/Artisans) organized by Civil Engineering Technology Development Centre, S.A.T.I. Campus, Vidisha (M.P.), 9 Aug. to 14 Aug. 2010.
10.	Two Tier Programme on Re-skilling of Skilled / Semi-Skilled Construction Personnel on Alternate Innovate Construction Technologies (Four day training programme for Engineers and Building Centre Project Managers) organized by Civil Engineering Technology Development Centre, S.A.T.I. Campus, Vidisha (M.P.), 11 Aug. to 14 Aug. 2010.

11.	Conducted Three Days National Level Symposium "Anveshan 11", by Civil Engineering Department, SATI, Vidisha on 1 <sup>st</sup> to 3 <sup>rd</sup> Nov. 2011.
12.	Conducted Training to Teachers under the Staff Development Programme on Economy in Sustainable Construction organised by Department of Civil Engineering, SATI, Vidisha, 25th June to 29th June, 2013.
13	Organized 3 days International Seminar & Exhibition on Innovations and Opportunities in Building Materials and Housing Technologies during 1-3 Nov. 2018 as a "Coordinator"
14	Organized 4 days International Conference on "Non Violence and Peace" from 19-22 Nov. 2019 as a Coordinator
15	Organized 2 days workshop on Retrofitting Techniques and Associated Challenges under TEQIP-III 4-5 Feb. 2020 by Department of Civil Engineering, SATI.
16	Organized 5 days ISSC during 15-19 March, 2021 at SATI, Vidisha (as local organizing secretary)

## 9. Service Level Awards

S.No.	Awards
1.	Best worker Award for Airforce Recruitment Rally held at 15-16 Nov. 2015 organized by District Collector, Vidisha. Award received on 26 <sup>th</sup> January 2016.
2.	Certificate of appreciation by Engineering staff college of India ESCI & Institute of Engineers (9 March 2018)
3.	Best Teacher award- 26 Jan. 2019 (awarded by Director, SATI, Vidisha)

## 10. Paper Publication

S.No.	Author(s) Name	Title of Publication	Name of Journal/Conference/Seminar/etc.	Pub. Yr./ Vol. No./ Issue No.	Place of Publication/ Agency/ Society	ISSN of Journal
1	Vijay Sheel Mishra, Prof. Sanjay Saraswat, Dr. Pramod Sharma	Selection of Optimized Proportion of Recycled Concrete Aggregates and Blast Furnace Slag as Granular Sub Base Material used in Pavement	International Journal of Creative Research Thoughts (IJCRT)	Volume 9, Issue 4 April 2021	ISSN:2320-2882	
2	Pramod Sharma	Significance of Glass Fibre Concrete in Construction	XLIV Indian Social Science Congress	vol. XLIV, 2021 p.no. 309 - 311	Indian Social Science Academy India	
3	Vipin Patait, Pramod Sharma, Sanjay Jain	Artificial Intelligence and Its Impact in Indian Perspective	XLIV Indian Social Science Congress	vol. XLIV, 2021 p.no. 186	Indian Social Science Academy India	

4	Parbeen Bano, <b>Dr. Pramod Sharma</b>	Analysis and design of retrofitting of an existing building for columns by SFRC, RC, FRP jacketing techniques	Journal of Emerging Technologies and Innovative Research (JETIR)	2020, Vol. 7, Issue 8, P.no. 1844-1852	www.jetir.org	ISSN-2349-5162
5	Gurav Sinha, <b>Dr. Pramod Sharma</b> , Dr. J.S. Chouhan	Strength Studies by using Fly Ash and Quarry Dust by Geo-Polymer Concrete	Journal of Emerging Technologies and Innovative Research (JETIR)	2020, Vol. 7, Issue 6, P.no. 1540-1544	www.jetir.org	ISSN-2349-5162
6	Shivam Gupta, <b>Pramod Sharma</b>	Analysis and Comparative Study of Steel Dome Structure for Open Stage Ground of S.A.T.I. using Different Steel Section	International Journal of Scientific Research in Civil Engineering	2020, Vol. 4, Issue 4, P. no. 36 to 43	IJSRCE	ISSN : 2456-6667
7	Sharma, Prateek Kumar, <b>Sharma Pramod</b> and Kirar, B.	“Experimental Study on Strength Parameters of Demolished Concrete by Adding Jute Fiber”	International Journal of Emerging Technologies and Innovative Research	2019 Vol. 6(2), pp.166-170.		ISSN: 2349-5162
8	Sahu, Mayank., <b>Sharma Pramod</b> and Kirar, B.	“An Experimental Study on Compressive Strength and Permeability of Porous Concrete with the Use of Fly Ash for the Pavement Purpose”	International Journal of Emerging Technologies and Innovative Research	2019 Vol.6(5),pp.83-90		ISSN: 2349-5162
9	Kanchan Kushwaha, Dr. Rakesh Kumar and <b>Dr. Pramod Sharma</b>	Influence of Abrasion Resistance on Pavement Concrete Containing Steel Fiber	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2019 Volume 6, Issue 6, pp no. 469-476		ISSN : 2349-5162
10	Prateek Kumar Sharma, Dr. Pramod Sharma, Dr. Bablu	Experimental Study on Strength Parameters of Demolished Concrete by Adding Jute	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 6, Issue 2 Page No. 166-168 Feb. 2019	JETIR	

	Kirar	Fiber				
11	<b>Dr. Pramod Sharma</b>	Waste Utilization & Management	International Seminar & Exhibition on Innovations and Opportunities in Building Materials and Housing Technologies, SATI (Engg. College) Vidisha	1-3 Nov. 2018	SATI (Engg. College) Vidisha	
12	Mini Gupta and <b>Dr. Pramod Sharma</b>	Identification of Accident Prone Area at Vidisha and Suggestion for Counter Measures	International Journal for Research & Development in Technology	Sept. 2018 Volume 10, Issue 3, pp no. 182-122		ISSN No. 2349-3585
13	Mayank Sahu, <b>Dr. Pramod Sharma</b> , <b>Dr. Bablu Kirar</b>	An Experimental Study on Compressive Strength and Permeability of Porous Concrete with the use of Fly Ash for the Pavement Purpose	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 6, Issue 6 Page No. 83-85 2018	JETIR	
14	Pawan Dubey and <b>Dr. Pramod Sharma</b>	Enhancing the Properties of Soil using Plastic Waste	International Journal for Scientific Research & Development	Jan. 2018, Vol. 5, Issue 11, pp 87-90		ISSN : 2321-0613
15	Aajid Khan and <b>Dr. Pramod Sharma</b>	Experimental Investigation on Effect of Variable Aspects of Polypropylene Fibre on Strength of Reinforced Concrete	International Journal of Research in Technology (IJRT)	Aug. 2017 Vol. IV, No. IV PP No. 109-112	Asian Research & Training Publication	ISSN No. 2394-9007
16	Ashish Bhargava and <b>Dr. Pramod Sharma</b>	Analysis of Concrete by using Agricultural Waste Sugar Cane Fiber as Partial Replacement of Cement	International Journal for Scientific Research & Development	Feb. 2017 Vol. 4, Issue 12, PP 803-805		ISSN : 2321-0613
17	Surendra Singh Dangi, C.P. Yadav, Pankaj Jain, <b>Dr. Pramod</b>	Traffic Forecasting and Traffic Congestion in Vidisha (M.P.), my Solutions	International Journal for Scientific Research & Development	2016, Vol. 4, Issue 04, P.No. 152-155	IJSRD	ISSN : 2321-0613

	<b>Sharma</b>					
18	Dr. Pramod Sharma	Challenges for Human Entrepreneurs	XLIII , ISSC	17-21 Jan, 2020		
19	Sanjay Bhandari, Pramod Sharma	Evaluation of Concrete by Non Destructive Testing	SATI Journal of Science & Technology	vol. 1 No. 1 Page No. 73-78		
20	Pramod Sharma, R.D. Patil, Dr. Lokesh Bajpai	CFD Analysis of Fluidized Bed Biomass Gasifiers	National Conference on Innovations in Mechanical Engineering J.T. Mahajan College of Engineering	March 29-30, 2007		
21	Pramod Sharma, P.L. Verma	Computational Fluid Dynamics : A Review	National Conference on Innovations in Mechanical Engineering J.T. Mahajan College of Engineering	March 29-30, 2007		
22	Dr. Pramod Sharma	Unconsolidated Undrained shear strength of remoulded clays by ANNs technique	International Journal of Engineering Research & Technology	Vol. 2, Issue 6 June, 2013		
23	Surendra Singh Dangi, C.P. Yadav, Pankaj Jain, Dr. Pramod Sharma	Traffic Forecasting and Traffic Congestion in Vidisha (M.P.) My solutions	IJSRD - International Journal for Scientific Research & Development	Vol. 4, Issue 04, 2016		ISSN (Online) : 2321-0613
24	Surendra Singh Dangi, Dr. Pramod Sharma	Design and Analysis of Two Phase Traffic Signal at Durganagar Square Vidisha and Improved Traffic Facility at Junction	IJSR-International Journal of Scientific Research	May 2016		
25	Nancy Jain, Dr. Pramod Sharma	Utilization of Glass Powder in Flyash	IJSR - International Journal of Scientific Research	July 2016		
26	Dr. Pramod Sharma	Unconsolidated undrained shear strength of remoulded clays by NNs technique	International Journal of Engineering Research & Technology	Vol. 2 Issue 6 June 2013		
27	Pramod Sharma, P.L. Verma	Computational Fluid Dynamics : A Review	National Conference on Innovations in Mechanical	March 29-30, 2007		

			Engineering J.T. Mahajan College of Engineering			
28	Pramod Sharma, R.D. Patil, Dr. Lokesh Bajpai	CFD Analysis of Fluidized Bed Biomass Gasifiers	National Conference on Innovations in Mechanical Engineering J.T. Mahajan College of Engineering	March 29-30, 2007		
29	Sanjay Bhandari, Pramod Sharma	Evaluation of Concrete by Non Destructive Testing	SATI Journal of Science & Technology	Vol. 1 No. 1 Page No. 73- 81 2005		

**(Dr. PRAMOD SHARMA)**