

## CURRICULAM VITAE

1. Name : (In Capital Letters) : **Dr. RAJEEV JAIN**
2. Date of Birth : 25.09.1969
3. Father Name : Shri S.C. Jain
4. Designation : Professor
5. Name of Organization : Civil Engineering Department  
S.A.T.I. (Engg. College),  
Vidisha (MP) - 464001
6. Qualification :

S.No	Degree	Degree/ Specialization / Subject	% of Marks/C GPA/ Class	Year of Passing	Institution Studied	University / Board	(FT/ PT) / Distance Education
1	10+2/ Higher Secondary	Physics, Chemistry, Maths.	59.12	1984	SSL Jain Hr. Sec. Vidisha	M.P. Board	Full time
2	UG (B.E./B.Tech./ Other)	Civil Engg.	78.8	1993	Govt. Engg. College, Bilaspur	Guru Ghasidas University, Bilaspur	Full Time
3	PG (ME/M.Tech.)	Foundation Engineering	71.45	2001	M.A.C.T. Bhopal	R.G.P.V. Bhopal	Part Time
4	Ph.D	Civil Engg.	Awarded	2013	R.G.P.V. Bhopal	R.G.P.V. Bhopal	

7. Residential Address and : Arihant Vihar Colony, Vidisha (M.P.)-464001

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8. Employment Record :

	Name and Address of the Institution / Organization	Post held/ nature of Post	Scale of Pay;/ Salary Drawn	Period of Service		Duration		
				From	To	YY	MM	DD
Present Employment	SATI (Deg.) Vidisha	Prof. & Head	37400-67000 + AGP 10000	16.1.13	Till Date	10	00	05
Employment	SATI (Deg.)	Associate	37400-	10.8.09	15.1.13	3	5	5

Before the present employment if any	Vidisha	Professor	67000 + AGP 9000					
	SATI (Deg.) Vidisha	Selection Grade Lect. / Reader	12000-18300/ AGP 8000	10.8.06	09.8.09	3	0	0
	SATI (Deg.) Vidisha	Senior Scale Lect.	10000-15200 AGP 6000	10.8.01	9.8.06	5	0	0
	SATI (Deg.) Vidisha	Lecturer	8000-13500	10.1.96	9.8.01	5	7	0
<b>Total Teaching Exp. = 27 yrs. 10 days</b>								

9. Experience (No. of years) :

Research	Industry	Paper Setting		Teaching	
		U.G.	P.G.	U.G.	P.G.
3 years	-	22	20	26	21

10. Details of Ph.D.& M.E. Thesis Guided : PhD - 07 (On going)  
M.E./M.Tech. Thesis 22 Nos. Awarded  
10 Ongoing

11. List of Fellowship of Academic Bodies and Professional Societies :  
1. ISTE (Life Member) LM – 124809  
2. IET - 1100730357  
3. ISSA (Life Member) LF/2363/639/2021

12. Extra Curricular Activities :

1. Participate in Online Expert Visit Committee (Online EVC) on Date 4 & 5.Jan. 2021, SIBSAGAR and Agartala, Tripura.

2. As a Member of Shortlisting Board of NLIU to conduct interaction with the Eligible Candidates Selection Committee for the post of Assistant Engineer. Dt. 27.08.2022 through online mode on WebEx Platform in National Law Institute University, Kerwa Dam Road, Bhopal

13. Awarded : Evaluation of ANVIKSHNA, RGPV Best Project,  
RGPV Best Paper

14 Details of Last 5 years generate the Testing & Consultancy Amount in Deptt.

S.No.	Year	Testing	Consutancy	Total Amount
1	1.4.22 to 31.12.22	72649	711091	783740
2	1.4.21 to 31.03.22	167100	838364	1005464
3	1.4.20 to 31.03.21	61095	568726	629821
4	1.4.19 to 31.03.21	447300	1062569	1509869
5	1.4.18 to 31.03.19	640500	662187	1302687

15. Seminar/Workshop/Conference/Summer School/Winter School/Short Term Courses/Training Program

Attended :

S.No.	Name of the Programme	Details of the programme
1	Training Programme	AICTE Training and Learning (ATAL) Academy online FDP on "Smart Cities" from 21.9.2020 to 25.9.2020 at SRE Engineering College.
2	Training Programme	AICTE Training and Learning (ATAL) Academy online FDP on "Recent Developments in Sustainable Processes" from 31.5.2021 to 4.6.2021 at Indian Institute of Carpet Technology.
3	Training Programme	Participated in the Training Programme on Disaster Management jointly organized by Stare Project Implementation Unit Madhya Pradesh & Disaster Management Institute during 22-23 July, 2019 for officials of TEQIP III
4	FDP	Faculty Development Program for Student Induction in collaboration with SPIU-MP under TEQIP-III at SATI Vidisha during July 1 to 5 <sup>th</sup> , 2019
5	FDP	One Week FDP on Recent Advances in Transportation Engineering under TEQIP-III twining Co-ordination organized by SATI Vidisha & VNIT Nagpur at 8 Oct. to 12 Oct., 2018.
6	Training Programme	Participated in the MHRD-TEQIP-KITE Five day TEQIP-III Summer Training Programme on Active Learning Workshop under the 'Knowledge Incubation under TEQIP (KITE) Initiative of the MHRD, Govt. of India on the theme Pedagogy and Research Conducted in IIT Bombay during the period 11 June – 15 June 2018.
7	CE & QIP	Participated in the CEP course on Energy Efficiency and Management conducted at SATI, Vidisha under TEQIP-II by IIT Bombay during March 5-7, 2017.
8	Training Programme	संस्थान के उद्यमवृत्ति विकास एवं औद्योगिक समन्वय विभाग द्वारा आयोजित राष्ट्रीय विज्ञान एवं प्रौद्योगिकी उद्यमवृत्ति विकास बोर्ड, डीएसटी, भारत सरकार द्वारा प्रायोजित व्यापार प्रारंभ करना एवं सामाजिक उद्यमवृत्ति विषय पर दिनांक 19.9.2016 से 30.9.2016 तक एस.ए.टी.आई. विदिा में दो सप्ताह प्रिाक्षण कार्यक्रम में भाग लिया।
9	CE & QIP	Participated in the CEP course on Finite Element Methods &

		Applications in Civil Engineering conducted by IIT Bombay at Mumbai during July 01-05, 2013
10	FDP	;In Recognition of Faculty Development Programme under the sponsorship National Science & Technology Entrepreneurship Development Board (NSTEDB) Department of Science & Technology, Govt. of India, New Delhi Conducted by Entrepreneurship Development Cell, Vidisha during 1.11.2012 to 15.11.2012
11	SDP	Two week Staff Development Programme on Advances in Civil Engineering Construction conducted by Department of Civil Engineering organised by Lakshmi Narain College of Technology, Bhopal from 17 <sup>th</sup> May 2012 to 31 <sup>st</sup> May 2012
12	FDP	Participated in the FDP on Project Management – Overview of I knowledge areas held on 3.3.2012 at SATI, Vidisha conducted by Tata Consultancy Services.
13	CE & QIP	Participated in the Five – Day Continuing Education & Quality Improvement Programmes on Recent Trends in Geotechnical Investigations for Urban and Infrastructure Development conducted by Indian Institute of Technology Bombay during March 15-19, 2010.
14	Training Programme	Attended the Training programme on “Appropriate Rural Housing Technologies held from 20 <sup>th</sup> Oct. 21 Oct. 2008 at Sabhagrah Polytechnic, SATI, Vidisha.
15	FDP	Participated in the three days faculty development programme on “Service Oriented Architecture” organized by School of Information Technology, RGPV in collaboration with IBM Academic Initiative, from 28-30 June, 2007.
16	CE & QIP	Attended the Five-day QIP Short Term Course on Soft Computing in Civil Engineering conducted by IIT Bombay during January 02 – 06, 2006.
17	Short Course	Attended the Short Course National Programme on Earthquake Engineering Education on Seismic Evaluation & Strengthening of Buildings held at IIT Kanpur during 8 – 12, August 2005.
18	SDP	Attended the Staff Development Programme on “New Building Materials and Cost Effective Construction Techniques” held from 10 <sup>th</sup> Dec. to 23 <sup>rd</sup> Dec. 2004 at SATI, Vidisha.
19	Short Term Training Programme	Participated in AICTE-ISTE Short Term Training Programme on Industrial Solid Waste Treatment & Disposal Practices conducted by Department of Civil Engg. During 29 <sup>th</sup> Oct. 10 <sup>th</sup> Nov., 2001 at MACT, Bhopal.
20	SDC	Attended the Induction Training Programme on “New Building Materials and Cost Effective Construction Techniques” held from 29 <sup>th</sup> Jan. – 17 <sup>th</sup> Feb. 2001 at SATI, Vidisha.

16. Seminar/Workshop/Summer School/Winter School/Short Term Courses/ Training Programme Organized :

<b>S.No.</b>	<b>Name of the Programme</b>	<b>Details of the programme</b>
1	<b>FDP</b>	Coordinated ATAL Online Faculty Development Programme on "Advance Improvement Techniques" from 6.9.21 to 10.0.21 organised by AICTE, New Delhi
2	<b>Seminar</b>	One day Seminar Engineering Science & Technology on "Improvement of Index & Engg. Properties of B.C. Soil by using RHA & WHA with lime at the XLIV Indian Social Science Congress held from March 15-19, 2021 at SATI, Vidisha
3	<b>Webinar</b>	Participated in the webinar "Manage Learning, Research and Publishing with IEEE on 10.10.2020 organized in collaboration with Central Library, SATI (Engg. College) Vidisha.
4	<b>International Workshop</b>	Participated in the International Workshop "Climate Change impact on Water Resources Systems (CCIWRS 2020) organized by Department of Civil Engg., National Institute of Technology Silchar sponsored by TEQIP-III in association with IIC, NIT Silchar from Sept. 28, 2020 – Oct. 2, 2020.
5	<b>Workshop</b>	Attended the workshop on Technical Paper Writing and Patent Filing dated 12-13 March 2020 organized by State Project Implementation Unit, MP.
6	<b>STP</b>	Co-ordinated in Three days Staff Training Programme on Creative Thinking Skills and Change Management organized at SATI, Vidisha on 17 – 19, February, 2020.
7	<b>Workshop</b>	Coordinated in two days workshop on Ground Improvement Techniques held on 7 – 8 January, 2020 organized by Department of Civil Engg., SATI, Vidisha.
8	<b>Workshop</b>	Attended the workshop on "Development of Micro Action Plan for Academic Activities" dated 08 <sup>th</sup> Nov. 2019 organized by State Project Implementation Unit, MP.
9	<b>STTP</b>	Coordinator for Five Days Short Term Training Programme on "Modelling Issues of Soil – Structure Interaction Problem" during 8 <sup>th</sup> – 12 <sup>th</sup> July 2019 conducted at VNIT, Nagpur.
10	<b>Workshop</b>	Participated in the five days workshop on Pedagogy and Active Learning Organized at SATI, Vidisha on 20 <sup>th</sup> – 25 <sup>th</sup> May 2019.
11	<b>Workshop</b>	Participated in Two days Workshop on OBE organized at SATI, Vidisha (M.P.) on 11 – 12 Jan., 2019
12	<b>International Seminar and Exhibition</b>	As a reporter in Three days International Seminar and Exhibition on Innovations and Opportunities in Building Materials and Housing Technologies under TEQIP-III on 1 <sup>st</sup> – 3 <sup>rd</sup> , Nov., 2018 organized at SATI, Vidisha
13	<b>Workshop</b>	As Workshop Coordinator in Two Week ISTE Workshop on Engineering Mechanics conducted by; Indian Institute of Technology Bombay from 26 <sup>th</sup> Nov. to 6 <sup>th</sup> Dec., 2013.
14	<b>Workshop</b>	One Week ISTE Workshop for Coordinators on Conducted under the National Mission on Education Through ICT by MHRD at Deptt. of Civil Engg., IIT Bombay during 16 – 20 sept., 2013.
15	<b>CE &amp; QIP</b>	Participated in the CEP course on Engineering Mechanics conducted by IIT Bombay at Mumbai during Sept., 16-20, 2013.
16	<b>National Conference</b>	National Conference on Recent Trends in Soft Computing and Security participated in the National Conference held at TIT Excellence, Bhopal during Aug. 24 and 25, 2012.
17	<b>National Workshop</b>	Attended the workshop on "Scientific Solutions for Waste Management & Pollution Control organized by the Civil Engg. Department of SATI, Vidisha on Oct. 4, 2004.
18	<b>Workshop</b>	Conducting two days workshop on 07 – 08 January 2020 in department of Civil Engg., SATI, Vidisha under TEQIP-III.
19	<b>STTP</b>	One week Short Term Training Program Course on "Bentley

		Software's for Civil Engineering under TEQIP-III on 20.8.2019 to 24.08.2019 Organized by SATI, Vidisha
20	<b>STTP</b>	Five days Short Term Training Programme on Modelling Issues of Soil-Structure Interaction Problem on 8 – 12 July 2019 Organised by Department of Civil Engg. VNIT Nagpur in association with Deptt. of Civil Engg. SATI, Vidisha.

17. Invited Expert Lectures :

S. No	Title of Expert Lecture	Date of Expert Lecture	Organized by
1	Recent Advances in Geotechnical Engineering	25.09.2021	Lakshmi Narain College of Technology Excellence, LNCT Campus, Kalchuri Nagar, Raisen Road, P.O. Klua, Bhopal (M.P.)

18. Research Project Completed :

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs.Lakh)
1	Improving CNS behaviour of canal lining base materials by using locally available waste materials for military framing	Short Project Proposal for DRDO	2 years	20.7 lakhs
2	National Project Implementation Unit (NPIU)	MHRD New Delhi	3 years	19.80 lakhs
3	National Project Implementation Unit (NPIU)	MHRD New Delhi	3 years	12.10 lakhs

19. Paper publishing:

**National / International Journals (Post PhD Publications)**

**National Journals:**

S.No.	Title of the paper	Authors	Publication Details/ Vol No./ ISSN No./ Page No.
1	ANN Prediction Model for Soil Cohesion and Angle of Internal Friction	Rajeev Jain, Dr. Pradeep Kumar Jain, Dr. Sudhir Singh Bhadauria	Vol. II No. 1 (4-11) (2010) June 2010 – Sept. 2010
2	Predictive Model for OMC and MIDD of Clays	Rajeev Jain, Pradeep Kumar Jain, Sudhir Singh Bhadauria	

**International Journals:**

S.No.	Title of the paper	Authors	Publication Details/ Vol No./ ISSN No./ Page No.
1	Prediction Model for Soil Strength Parameters	Rajeev Jain, Dr. Pradeep Kumar Jain and Dr. Sudhir Singh Bhadauria	International Journal of Engineering Research and Technology, ISSN 0974-3154, Volume 3, Number 1 (2010), pp. 179-197
2	Ann Prediction for Shear Strength Parameters of Soils	Rajeev Jain, Dr. Pradeep Kumar Jain and Dr. Sudhir Singh Bhadauria	International Journal of Artificial Intelligent Systems and Machine Learning, Vol. 2, No. 7, July 2010
3	Computational Approach to Predict Soil Shear Strength	Rajeev Jain, Dr. Pradeep Kumar Jain and Dr. Sudhir Singh Bhadauria	International Journal of Engineering Science and Technology, Vol. 2 (8), 2010, 3874-3885

### National / International Journals (Excluding Post PhD Publications)

S.No.	Title of the paper	Authors	Publication Details/ Vol No./ ISSN No./ Page No.
1	Experimental Studies on Utilization of Murrum as Hard Shoulder Material	Pradeep Muley, Dr. P.K. Jain, Mr. Rajeev Jain	International Journal of Engineering Science and Technology, Vol. 2(9), 2010, 4896-4901

### National / International Journals (Excluding Post PhD Publications)

#### International Journals:

S.No.	Title of the paper	Authors	Publication Details/ Vol No./ ISSN No./ Page No.
1	Comparison of Mud Brick, Sand Mud Brick and Plastic Sand Mud Brick	Dr. Rajeev Jain	International Research Journal of Engineering and Technology (IR/ET), Volume 7, Issue 1 January 2020
2	Analysis of soil profile using Plaxis 2 D	Prachi Sigh, Dr. Rajeev Jain	Journal of Emerging Technologies and Innovative Research (JETIR) June 2020, Volume 7, Issue 6
3	Application of Geocell in Landfill	Inikhat Area Abbasi, Dr. Rajeev Jain	Journal of Emerging Technologies and Innovative Research (JETIR) Aug. 2020, Volume 7, Issue 8, 12.8.2020
4	Comparative study of conventional bricks with hyposludge and fly ash bricks	Madhav singh Yadav, Dr. Rajeev Jain, Dr. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2020, Volume 7, Issue 12
5	Classification of geosynthetic clay liners based on hydraulic conductivity	Bharat Chauhan, Rakesh Kumar, Rajeev Jain, Bablu Kirar, Sareesh Chandrawanshi	44 <sup>th</sup> Indian Social Science Congress (ISSC-XLIV) Indian Social Science Academy and SATI, Vidisha (M.P.) India, February 15-19, 2021
6	Behavior of Expansive soil with Lime and Waste Plastic	Bablu Kirar, P.K. Jain, Rajeev Jain, Sareesh Chandrawanshi, B.S. Chauhan	Journal of Emerging Technologies and Innovative Research (JETIR) March 2021, Volume 8, Issue 3
7	Suitability of Geosynthetic Clay Liners based on	Bharat Singh Chauhan, Rakesh Kumar, Rajeev	Journal of Emerging Technologies and Innovative Research (JETIR) March

	Hydraulic Conductivity for Various Types of Leachate	Jain, Bablu Kirar, Sareesh Chandrawanshi	2021, Volume 8, Issue 3
8	An Experimental Study of Ground Improvement Technique by Sand Column	Pankaj Pandey, Dr. Rajeev Jain, Dr. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) January 2019, Volume 6, Issue 1
9	Improvement of Soil Properties using Raw Plastic Bottles	Rishi Saxena, Dr. Rajeev Jain, Prof. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2018, Volume 5, Issue 12
10	Soil Stabilization Using E-Wires	Rohit Pal, Dr. Rajeev Jain, Dr. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2018, Volume 5, Issue 12
11	Self-Purification of River Betwa	Prabhanshu Mishra, Dr. Rajeev Jain	International Journal for Scientific Research & Development, Vol. 9, Issue 8, 2021
12	Unconsolidated Undrained Shear Strength of Remoulded Clays By Anns Technique	Jain Rajeev	International Journals of Engineering Research & Technology, ISSN : 2278-0181, In IJERT, Volume 2, Issue 6, June 2013
13	A Implementation Model on Rain Water Harvesting in SATI	Dr. Rajeev Jain	International Journal for Scientific Research & Development, IJSRD, Volume 4, Issue 2, April 2016
14	Application of Machine Learning Techniques to Predict Soaked CBR Of Remolded Soils	Saxena Anil Kumar, Jain Pradeep Kumar, Jain Rajeev	International Journal of Engineering Research & Technology (IJERT), Vol. 2, Issue 6, June - 2013
15	Review on Rain Water Harvesting Using Roof Top	Amar Jain, Dr. Rajeev Jain	IJSART, Volume 2, Issue 4, April 2016
16	Waste Plastic usage to Improve Properties of Bitumen in Road Construction	Pushpendra Singh Solanki, Dr. Rajeev Jain	International Journal for Scientific Research & Development, Vol. 4, Issue 6, 2016
17	Paper on Different Effects of Artificial neural Network on Construction of various properties of Soil used in the Construction	Apoorv Purohit, Dr. Rajeev Jain	International Journal for Scientific Research & Development, Vol. 4, Issue 6, 2016
18	Improvement of Soil Properties Using Raw Plastic Bottles	Rishi Saxena, Dr. Rajeev Jain, Prof. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2018, Volume 5, Issue 12
19	Soil Stabilization using E-Wires	Rohit Pal, Dr. Rajeev Jain, Dr. Bablu Kirar	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2018, Volume 5, Issue 12
20	Expansive Soil Modification by the Application of Waste Materials	Nisha Kashyap, Dr. Rajeev Jain	Journal of Emerging Technologies and Innovative Research (JETIR) Dec. 2018, Volume 6, Issue 6
21	Hydrological Planning of Small Earthen Tank	Dr. Rajeev Jain	International Journal for Scientific Research & Development, Volume 7, Issue 7, Sept. 2019
22	Survey on Water Conservation	Dr. Rajeev Jain	International Journal for Scientific Research & Development, Volume 7, Issue 7, Sept. 2019



23	Warm Mix Asphalt Technology : An Overview	Dr. Rajeev Jain	Journal of Information and Computational Science, Volume 9, Issue 12, Dec. 2019
24	Comparison of Mud Brick, Sand Mud Brick and Plastic Sand Mud Brick	Narayan Bansal, Dr. Rajeev Jain	International Research Journal of Engineering and Technology (IRJET), Volume : 07, Issue 01, Jan. 2020

## National / International Conferences

### International Conference:

S.No.	Title of the paper	Authors	Publication Details/ Vol No./ ISSN No./ Page No.
1	An Experimental Analysis on Mechanical Properties of Concrete with Polypropylene Woven Fibre including Admixture with Fly Ash as a partial replacement of Cement	Dr. Rajeev Jain	International conference on Engineering & Technology (ICET-19), 26 Dec. 2019, at Bali Indonesia
2	Stabilization of black cotton soil with lime and waste plastic bottles	Bablu Kirar, P.K. Jain, Rajeev Jain, Sareesh Chandrawanshi & B.S. Chauhan	International Conference on Recent Advances in Civil Engineering for Sustainable Development, February 13-14, 2021
3	Suitability of Geosynthetic clay liners for landfill dumping sites based on hydraulic conductivity	Bharat Chauhan, Rakesh Kumar, Rajeev Jain, Bablu Kirar & Sareesh Chandrawanshi	International Conference on Recent Advances in Civil Engineering for Sustainable Development, February 13-14, 2021
4	Impact of Agricultural & industrial Waste Materials on M-30 Grade Concrete Mix	Dr. Rajeev Jain	XLIII Indian Social Science Congress, Current Science of Nature Human Society of India, January 17-21, 2020
5	Smart Construction material : Impact of M-sand to Mitigate Environmental Pollution and Generalized Mix Design Thereof	Dr. Rajeev Jain	Second International Conference on Construction Materials and Structures (ICCMS-2022) 13-19, December, 2022

**Dr. Rajeev Jain**