

## **BIO DATA**



### **1. Personal Details**

**Name** : **Dr. JANARDAN SINGH CHAUHAN**

**Designation** : Former Director  
SATI (Degree)

**Name of the Organisation** : S.A.T.I. (Degree) Vidisha  
**Member, Board of Studies Civil Engineering  
Indira Gandhi National Open University, New  
Delhi**

**Father's Name** : Shri Ram Kritya Singh Chauhan

**Date of Birth** : 25-01-1965

**Discipline** : Civil Engineering & Management

**Address** :

**Residence** : Yojna Bhawan, Puran pura, Lal Dhau,  
Vidisha (M.P.) 464 001 , INDIA

**Office** : Sr. Professor  
Civil Engg. Department.  
Samrat Ashok Technological Institute  
(Engg. College) Vidisha (M.P.) – 464 001, INDIA

**E-mail Address** : [jsccivil@rediffmail.com](mailto:jsccivil@rediffmail.com)

**Phone** : Office :

**Fax** :

**Mobile** : 09826244840

**Field of Specializations** : (i) Foundation Engineering  
(ii) Alternate building materials & cost  
effective tech.  
(iii) Construction Management  
(iv) Trenchless Technology  
(v) Disaster Management

**Foreign Visits** : **Sri Lanka, Germany, London, Glasgow,  
Sweden, Poland, Finland, Italy, France,  
Switzerland, Thailand, China, Singapur**

## 2. Educational and Technical Qualifications obtained :

S.No	Exam. Passed	Year	Divn.	% age	Distn. Obtained (If any)	From which University/ Institution
1.	Diploma in General Knowledge and moral Education	1979	1 <sup>st</sup>	64.00	—	All India board of General Education knowledge and moral education, Bhopal
2.	Higher Secondary (Maths)	1980	1 <sup>st</sup>	71.25	Physics, Chemistry	M.P. Board of Secondary Education, Bhopal
3.	Diploma in Civil Engg.	1983	1 <sup>st</sup> (Hons)	84.36	Hons.	M.P. Board of Tech. Education, Bhopal
4.	B.E. (Civil)	1991	1 <sup>st</sup> (Hons)	81.15	Hons.	Barkatullah University, Bhopal
5.	M.A. (Previous) Private	1993	Pass	41.75	-	Barkatullah University, Bhopal
6.	M.Tech. (Civil) Foundation Engineering (Applied to Vibratory systems)	1996	1 <sup>st</sup>	72.55		Barkatullah University, Bhopal
7.	M.A. (Final) Private	1997	IIInd	49.75	—	Barkatullah University, Bhopal
8.	M.B.A. (Consortium), (Distance Learning Programme) 95 to 97	1997	1 <sup>st</sup> (Hons.)	90.00	Hons.	Devi Ahilya Vishwavidyalaya, Indore
9.	Ph.D.	1999	Thesis on “ Comparative Study on Techno Economic aspects & Thermal Performance of Experimental and Conventional Housing Construction techniques”			Barkatullah University, Bhopal

## 3. Employment Record

S.No.	University/College	Designation	Period
1.	M/s Ankur Construction Company, Vidisha	Asstt. Engineer	15 <sup>th</sup> June, 85 to 31 <sup>st</sup> March, 92
2.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Project Engineer & Lecturer	1 <sup>st</sup> April, 1992 to 31 <sup>st</sup> March, 1995
3.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Reader	1 <sup>st</sup> April, 1995 to 31 <sup>st</sup> March, 2000
4.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Head of the Management Department	1 <sup>st</sup> July, 2001 to 30 <sup>th</sup> Oct., 2006
5.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Head of the Civil Engineering Deptt.	6 <sup>th</sup> Sept., 2002 to 10 <sup>th</sup> Aug. 2016

6.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Vice Principal & Incharge Director	10 <sup>th</sup> Aug, 2015 to 7 <sup>th</sup> Aug. 2016
7.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Director	7 <sup>th</sup> Aug. 2016 14.02.2022
8.	S.A.T.I. (Engg. College) Vidisha (M.P.)	Sr. Professor in Civil Engg. Deptt.	15.02.2022 to onward

## 4. Experiences

### (A) 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.

### (B) Research Experience

#### (i) Projects :

S.No.	Research Experience
1.	B.E. Final year Major project on "Bah – Irrigation flood control"
2.	M. Tech. Training Report on "Innovative Techniques in Building Construction"
3.	M.Tech. Training Report on "Alternate Building Material by utilization of wastes"
4.	M.Tech. Thesis work on "Cost effective Roofing in Building"
5.	PhD. Thesis on "Comparative Study on Techno Economic aspects & Thermal Performance of Experimental and Conventional Housing Construction Techniques".

#### (ii) Research guiding experience :

S.No.	Thesis guided	Awarded	On going
1.	M.Tech. Thesis guided	132	—
2.	Ph.D. Thesis guided	10	6
3.	M.B.A. Thesis guided	52	—
4.	Paper presented in Seminar/workshop	76	—
5.	Books		2

**(iii) Sponsored Research Projects :**

S.No.	Name of funding Agency	Name of programme	Project Title	Year	Amount received	Status No. Sanction
1.	HUDCO	Civil Engineering Technology Development Centre	Building Centre	92-93	05.00 lakhs	Completed
2.	HUDCO	Civil Engineering Technology Development Centre	KFW German Grant	95-96	12.60 lakhs	Completed
3.	National Building Organisation, New Delhi	Experimental Construction (Planning, Supervision & Construction)	Construction of F Type Qtrs.	95-96	16.00 lakhs	Completed
4.	University Grants Commission, New Delhi	Major Research Project (Co-ordinator)	Comparative study of Thermal performance of experimental & conventional housing techniques	95-96	03.70 lakhs	Completed
5.	HUDCO, New Delhi	Experimental Construction (Planning, Supervision & Construction)	Construction of Kabir Kutir	97-98	22.00 lakhs	Completed
6.	Collector, Vidisha for Sericulture Building	Experimental Construction (Planning, Supervision & Construction)	Construction of Sericulture Sheds	97-98	15.00 lakhs	Completed
7.	Project Director, Rajeev Gandhi Siksha Mission	Experimental Construction (Planning, Supervision & Construction)	Construction of Primary School Building	97-98	15.00 lakhs	Completed
8.	All India Council for Technical Education, New Delhi	TAPTEC (CO-ordinator)	Development of Low Construction Building Materials & Technologies	96-97	07.00 lakhs	Completed
9.	All India Council for Technical Education,	TAPTEC (CO-ordinator)	Waste Management and Effluent Treatment and	96-97	04.00 lakhs	Completed

	New Delhi		Recycling			
10.	All India Council for Technical Education, New Delhi	TAPTEC (Principal Investigator)	Computer Aided Design in Civil Engineering	99-2000	08.00 lakhs	Completed
11.	Urban Ministry	Mobile Nirmiti Kendra	Mobile Nirmiti Kendra	99-2000	13.125 lakhs	Completed
12.	Rural Development Ministry	Civil Engineering Technology Development Centre	Rural Building Centre	2001-02	12.00 lakhs	Completed
13.	HUDCO	Civil Engineering Technology Development Centre	Technology Park	2001-02	7.50 lakhs	Completed
14.	Ministry of Rural Development	Innovative Stream	Rural Housing & Habitat Development	2001-02	10.50 lakhs	Completed
15.	MNES	Energy Park	Energy Park	2002-03	5.00 lakhs	Completed
16.	University Grants Commission, New Delhi	Major Research Project	Energy Efficient Building	2002-03	05.08 lakhs	Completed
17.	All India Council for Technical Education, New Delhi	MODROB	Modernization of Environmental Lab.	2003-04	08.00 lakhs	Completed
18.	Ministry of Rural Development	Model Basti	Model Basti	2002-03	08.00 lakhs	On going
19.	All India Council for Technical Education, New Delhi	NAFETIC	National Habitat Centre on Subsurface & Trenchless Technology	2005-06	15.00 lakhs <b>(Total cost 1.08 crore)</b>	On going
20.	All India Council for Technical Education, New Delhi	Society	For International Conference & Development of CETDEC Lab.	2007-2008	3.0 lakhs	On going
21.	All India Council for Technical Education, New Delhi	MODROB	Modernisation of Civil Lab.	2007-2008	8.50 lakhs	On going

22.	All India Council for Technical Education, New Delhi	NCP	National Retrofitting Clinic	2008-09	30.00 lakhs	On going
23	Central Public Works Department, Bhopal	TPQA	Consultancy work	2015	Aprox. 1.50 crore	On going

& Many more .....

## 5. Extra Curricular Activities & Awards

### Services for the Welfare of Society :

S.No.	Service for the Welfare of Society
1.	Life Member - Vidisha Rose Society, Vidisha (1993)
2.	Life Member - Indian Red Cross Society (LM-4601) (1993)
3.	Executive Member - Paryavaran Sanrakshan Dal, SATI, Vidisha (1995)
4.	Life Member - M.P. Rose Society, Bhopal (1996)
5.	Co-ordinator - Madhya Pradesh Vigyan Sabha, Vidisha District for 1996-97
6.	Secretary - Civil Engg. Technology Development Centre, Vidisha
7.	Member - Ramkrishna Memorial Education Trust, Vidisha
8.	Member - Advisory Board of Building Centre at State level
9.	Member - Advisory Board of Entrepreneurship Development Cell, SATI, Vidisha
10.	Technical Advisor - Srijan Building Centre, Central Jail, Bhopal
11.	Member - Society for Management and Development Studies Bhopal
12.	Technical Advisor - Rajiv Gandhi Siksha Mission Distt. Vidisha
13.	Technical Advisor - Rajiv Gandhi Watershed Mission Distt. Vidisha
14.	Member - Institution of Engineers (India) Local Chapter 2001
15.	Member - Academy of Science, Engineering & Technology Bhopal
16.	Member of Bodhi Satav Shiksha Samiti, Vidisha
17.	Member of Society for Infrastructure and Human Resource Development, Vidisha
18.	Patron of Vidisha Pratibha Vikas Sansthan, Vidisha
19.	General Joint Secretary of Bhartiya Dharohar.

## 6. Membership

### (A) Membership of Professional Bodies :

S.No.	Membership of Professional Bodies
1.	Life Member - ISTE, New Delhi (LM-13932) 1993
2.	Life Member - SATI, Vigyan and Takniki Parishad, Vidisha (1994)
3.	Life Member - Association for Environmental Management (LM-1408) 13.12.96
4.	Life Member - Indian Society for Council of Wind Engineering (LM-235) 1998

5.	Life Member - Institute of urban Transport (India) (LM-496) 14.9.2001
6.	Life Member - the Institution of Engineers (I) (LM-123265) 29.4.2002
7.	Life Member - International Society for Rock Mechanics (LM-4344) dt. 9.12.2002
8.	Life Member – Indian Science Congress Association Calcutta (L.M. – 6897) 4 Feb. 2003
9.	Life Member - SATI International Alumni Association 2004
10.	Life Member - Indian Roads Congress (LM-29433) 2 June 2004
11.	Life Member - International Council of Consultants (ICC) (2004)
12.	Life Member - Council for Application of Actuarial Science in Risk Management (CARM) (2004)
13.	Life Member - Indian Society for Trenchless Technology (IndSTT) (2004)
14.	Life Member - All India Housing Development Association, New Delhi (AIHDA) (2004)
15.	Life Member – Global Institute of Flexible Management, New Delhi, GIFT-2004.
16.	Life Member – Consultancy Development Centre, An autonomous Institution promoted by DSIR, Ministry of Science & Technology – 2006.

## 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 Workshop on Rural Technology organised by Vigyan Sabha, Bilaspur. 10-11 April 1992.
3.	Attended Training on Low Cost Technologies - Avas Vikas Sansthan, Jaipur. 15-19 April 1992.
4.	Attended Training on Solid and Hollow Cement Concrete Blocks - Minato Shirke Conc. Machine Pvt. Ltd. (In Collaboration with Ent. Minato & S.A. of France).
5.	Attended an International Trade Fair - Demonstration of Low Cost Techniques, HUDCO, New Delhi. 24-25 Nov. 1992.
6.	Attended Workshop on Thrust Area projects 92-93 by MOHRD - Institute of Technology Banaras Hindi University, Varanasi.
7.	Attended Seminar on Alternate Housing Materials - Regional Research Lab. Bhopal. 12-13 March, 1993.
8.	Attended a Programme for Demonstration of Innovative Techniques in Housing Construction - Nizamuddin Building Centre, New Delhi, 13-16 July 1993.
9.	Attended Training Programme on Production of Compressed Earth Blocks and Micro - Concrete Roofing tiles with the Tara Balram and Tile Maker. Tara Nirman Kendra - Development Alternatives, New Delhi. 28-30 Dec. 1993.
10.	Attended Winter School on Alternative Building Materials and Cost Effective Technologies. 14-26 Feb. 1994. S.A.T.I. (Degree), Vidisha.
11.	Attended HUDCO, New Delhi for Guide lines of K.F.W. Scheme, 21-24 March 1994.
12.	Attended for Demonstration of Low Cost Housing Techniques for Housing Construction - Laurie Baker Building Centre, New Delhi. 27-30 Sept. 1994.
13.	Attended First National Convention of Society for Management and Development Studies, Bhopal. 21-22 Jan. 1995.
14.	Attended seminar on Quality Assurance in Technical Education - Challenges of the New Economic Policy, SATI (Degree), Vidisha. 28-29 Jan. 1995.

15.	Attended Seminar on the Role of Building Centres in Low Cost Housing at Bhopal 2 March 1995.
16.	Attended National Seminar on " आर्थिक समानता गाँधी दर्शन " Conducted by Guru Ghashidas University Bilashpur, 7 - 8 Oct. 1995.
17.	Attended National Seminar on Role of Engineering institutions, construction Industry and Building Research Institutes in low cost construction, at MITS, Gwalior, 22-23 Jan. 1996.
18.	Attended Two weeks Training programme of Project Manager conducted by HUDCO, New Delhi, at New Delhi, 4-15 March 1996.
19.	Attended National Seminar on "logistic management in 2000 AD": Challenges & strategies, SATI, Vidisha & SMDS, Bhopal, 20-21 April 1996.
20.	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.
21.	Attended National Conference on TQM in Technical Education organised by M.A.C.T. Bhopal. 21 - 22 Dec. 1996.
22.	Attended 23rd National Conference on "Fluid Mechanics and Fluid Power" conducted by M.A.C.T. Bhopal, 27 - 29 Dec. 1996.
23.	Attended National Seminar on " Economic Growth & National Intergration" Conducted by India International Friendship Society New Delhi, - 18 <sup>th</sup> Jan. 1997.
24.	Attended National Seminar on "Energy Efficient Lighting System" conducted by S.A.T.I. Vidisha, 5 - 6 Feb. 1999.
25.	Attended Launch Seminar on "Challenges in Urban Management" on 16 <sup>th</sup> April 2001 organised by HUDCO & M.P. Academy of Administration Bhopal
26.	Attended Management Development Programme on "World Bank's Procurement Procedures" organised by National Institute of Financial Management Faridabad, 21 <sup>st</sup> – 26 <sup>th</sup> July 2003.
27.	Attended national conference on "Recent Trends in Building Materials" organized by Regional Research Laboratory (CSIR), Bhopal, February 26-27, 2004 at RRL Bhopal
28.	Attended Refresher Course for Superintending Engineers organized by National Institute for Training of Highway Engineers Noida on 23 <sup>rd</sup> Aug. 2004 – 27 <sup>th</sup> Aug. 2004.
29.	Attended International Conference on Construction Opportunities & Strategies for action with focus on Asia, Pacific, Middle East & African Regions" 8organized by CIDC New Delhi, Sept. 23-25 2004.
30.	Attended International Workshop on Wind Engineering & Science (WES-04) organized by I.I.T. Roorkee at India International Centre New Delhi, Oct. 29-30, 2004
31.	Attended 22 <sup>nd</sup> International NO DIG Conference and Exhibition 2004 at Humburg, Germany on 15 <sup>th</sup> — 17 <sup>th</sup> Nov. 2004.
32.	Attended the meeting at <b>Glasgow</b> Caledonian University, Glasgow on 19 <sup>th</sup> and 20 <sup>th</sup> Nov. 2004. about Job Oriented Training programme for Civil Engineering Students
33.	Attended a meeting in WRC Office at <b>Swinden U.K.</b> about Collaborative programme related with Sewage and Water Supply on 22 <sup>nd</sup> Nov. 2004.
34.	Attended a meeting at <b>Imperial College London</b> with Civil Engineering Faculty Member about Collaboration Programmes on 23 <sup>rd</sup> Nov. 2004.
35.	Attended conference on "Emerging opportunities for consulting service providers in the context of globalization" organized by International council for consultants, 12-13 January 2005 at India Habitat Centre, New Delhi.
36.	Attended National Workshop an VISION 2020 for Developed India PURA as growth centers organised by Indian Institute of Technology IIT New Delhi, HUDCO & Voluntary Health, Education & Rural Development Society Region) Chennai, Nov. 12-13, 2005.
37.	Attended YAP-II and Beyond : A workshop on dissemination of Trenchless Technology in India under JBIC Assisted Yamuna Action plan, Phase – II project organised by Ministry of Environment Govt. of India, 14 <sup>th</sup> Dec. 05 Delhi.
38.	Attended National Seminar on "Environment and development" organized by Environmental planning & Co-ordination organization (EPCO) Bhopal, 16-17 Jan. 2006
39.	Attended International conference on " <b>BMCT-06</b> " organized by Federation of Indian Chambers of Commerce & Industry (FICCI), 18-20 March 2006 at Pragati Maidan, New Delhi.
40.	Attended conference & Exhibition on "Alternate Technologies for Public Transport" organized by Institute of Transport (India) March 21-23, 2006 at Hotel Le Meridien,



	New Delhi.
41.	Attended International Conference on “ <b>The Role of Socio-Economic &amp; Capital planning in National Development</b> ” organized by HUDCO, New Delhi, 14-15 April, 2006.
42.	Attended II <sup>nd</sup> International Conference with exhibition & live shows organized by Trenchless Technology <b>Poland &amp; Kielce University Poland</b> , 19-21 April, 2006.
43.	Attended International Seminar on “ <b>Retrofitting &amp; Buildings to with stand Earthquake &amp; Green Construction Concept</b> ” at M.P. Academy of Administration, Bhopal, 15-16 Feb. 2006 organized by IndSTT New Delhi & EPCO Bhopal
44.	Attended World conference on “ <b>I.T. Solutions for the Design &amp; Management of Infrastructure Construction Projects</b> ” at I.H.C. New Delhi, 15-17 Nov. 2006.
45.	Attended Sixth Global conference on “ <b>Flexible Systems Management</b> ” organized by Asian Institute of Technology, <b>Bangkok, Thailand</b> on 20-22 Dec. 2006.
46.	Attended National Conference on “Technical Vocational Education Training & Skill development : A road map for Empowerment” organized by AICTE New Delhi at National Agriculture Science Complex, Pura, New Delhi, 17-18 December 2008.
47.	Attended International Conference on “ <b>Institutional Arbitration in Infrastructure &amp; Construction</b> ” organized by construction Industry Arbitration Council (CIAC) New Delhi, 16-18 Oct. 2008, India Habitat Centre, New Delhi
48.	Attended Conference on “Economic Growth & National Unity” organized by Friendship forum of India on 25 <sup>th</sup> April 2008.
49.	Participated in Temasek Foundation-NUS Programme for Leadership in University Management at <b>National University of Singapur</b> as fellow during 28 <sup>th</sup> Sept. – 2 <sup>nd</sup> October 2015.

& Many more .....

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

S.No.	Conducted Training/Seminar/Conferences/Workshops/Summer Winter School
1.	Co-coordinator of the Training programme for Polytechnic teachers on “Development of Materials and Technology for Low Cost Housing”, under the staff development programme of the world bank aided technician Education project, Directorate of Technical Education, Madhya Pradesh, 18-30 March 1996.
2.	Conducted so many training programmes for self employment of Rural and Urban Youths every year under NRY, Trysem and other Schemes (1996)
3.	Conducted National Seminar on 'Waste Management" at S.A.T.I. Vidisha, 26 - 27 Oct. 1999.
4.	Conducted Staff Development Programme for Engineering College Teachers at S.A.T.I. Vidisha, 29 Jan to 17 Feb. 2001
5.	Conducted National Workshop on Scientific Solutions for Waste Management & Pollution Control organised by SATI, Vidisha, 4 <sup>th</sup> October 2004.
6.	Conducted 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.
7.	Conducted National Seminar on Energy Efficient Buildings organised by Department of Civil Engineering, SATI, Vidisha, 17-18 Dec. 2004.
8.	Conducted National Seminar on Awareness of Sub-surface and Trenchless Technology organised by Civil Engg. Technology Development Centre, SATI Campus, Vidisha, 20-21 Dec. 2004.
9.	Conducted National Seminar on “Infrastructure Development in Madhya Pradesh & Chhatishgarh” at RGPV, Bhopal 11-12 March 2005.
10.	Conducted <b>International</b> Conference on “Management of I.T. & Infrastructure Development for Flexibility & Competitiveness” at RGPV Bhopal, 27-30 Dec. 05.
11.	Conducted <b>International</b> Seminar on Retrofitting & Buildings to Withstand Earthquake & Green Construction Concept at M.P. Academy of Administration, Bhopal, 15-16 Feb. 06
12.	Conducted Training programme with collaboration of CBRI Roorkee, CIDC New Delhi, BMTPC New Delhi, HUDCO New Delhi on Appropriate Cost Effective Building Materials and Construction Techniques (Minimum 3 programmes per year)
13.	Conducted 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.
14.	Conducted 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.
15.	Conducted 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.
16.	Conducted 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.
17.	Conducted One day National Conference on Sustainable & Durable option of Pavements – Quality Control for Construction of Roads organized by Civil Engineering Technology Development Centre, SATI, Vidisha at Hotel Lake View Ashok, Bhopal (M.P.), 22 <sup>nd</sup> October, 2010.
18.	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.
19.	Conducted Training to Teachers under the Staff Development Programme on Economy in Sustainable Construction organised by Department of Civil Engineering, SATI, Vidisha, 25 <sup>th</sup> June to 29 <sup>th</sup> June, 2013.
20.	Conducted workshop on “Construction Technology & Management” by Department of Civil Engineering, SATI, Vidisha on 10 <sup>th</sup> Dec., 2015.
21.	Conducted Seminar on 2-3 March, 2016 organized by Central Water Commission Bhopal and Civil Engineering Department, SATI, Vidisha
22.	Conducted Three days training programme on Remote Sensing, GIS & Surveying on 20-22 April, 2016.
23.	Department of Civil Engineering Organized by One day workshop on “Water Conservation & Rehabilitation of Rivers in India”. Magsaysay Award Winner and a well known water conservationist Dr. Rajendra Singh (Waterman of India) visited SATI on 28.4.16 and he shared his experience.
24.	Building Centre organized a workshop on “Low Cost Sanitation” for RES Engineers & Officers on 29 <sup>th</sup> April, 2016.

& Many more .....

## 9. Publication

### (A) Books & Paper published :

S. No.	Title	Name of the Author(s)	Name of the Journal
1.	Technology dissemination (12 Nos.)	J.S.Chauhan	HUDCO & planned to be circulated throughout the world through UNCHS
Edited as subject matter specialist pocket book series in " Technology dissemination for the grass root level construction workers. It contains graphical representation of various aspects on 12 different technologies, published by HUDCO.			
	i)	Dissemination of Filler Slab	
	ii)	Dissemination of Brick Panels and Joists	
	iii)	Dissemination of Water Storage Tanks	
	iv)	Dissemination of Arch Foundation	
	v)	Dissemination of Vaults	
	vi)	Dissemination of Cement Concrete/Stone Blocks	
	vii)	Dissemination of Rammed Earth Walls	
	viii)	Dissemination of Arches	
	ix)	Dissemination of Rat Trap Bond	
	x)	Dissemination of Micro Concrete Tiles	

- |      |   |
|------|---|
| xi)  | Dissemination of Ferrocement Roofing Channels |
| xii) | Dissemination of Ferrocement Doors            |

**(B) List of Papers presented/Published in National/International level Seminar/Conferences/Workshops/ Summer Schools etc. and Published in National/International Journals**

S. No.	Title	Name of the Author(s)	Name of the Journal	Year of publication
1.	Economical Sanitation in Rural Areas	J.S.Chauhan	Seminar cum integrated training programme on low cost building materials and housing by SATI Vidisha & CBRI Roorkee	16-19, Sept. 1991
2.	Application of Polymers & Plastics in Buildings	J.S.Chauhan	Seminar cum integrated training programme on low cost building materials and housing by SATI Vidisha & CBRI Roorkee	16-19, Sept. 1991
3.	Cost reduction in rural housing	J.S.Chauhan	Seminar cum integrated training programme on low cost building materials and housing by SATI Vidisha & CBRI Roorkee	16-19, Sept. 1991
4.	Need for Technological Developments in Rural Sector	J.S.Chauhan	Workshop on Rural Technology by Vigyan Sabha, Bilaspur	10-11 April, 1992
5.	Stabilized Mud Blocks with Fibres	J.S.Chauhan	Seminar on Alternate Housing Materials-Regional Research Laboratory, Bhopal	12-13 March 1993
6.	Cost Comparison - Alternate and Conventional housing materials	J.S.Chauhan	National Seminar on Alternate Housing Materials-Regional Research Laboratory, Bhopal	12-13 March 1993
7.	Alternate building materials & technologies	J.S.Chauhan	Winter School on Alternative building materials & Cost effective technologies, SATI, Vidisha	14-26 Feb. 1994
8.	Activities of Civil Engineering Technology Development Centre Vidisha	J.S.Chauhan	Seminar on The Role of Building Centes in Low Cost Housing-HUDCO, New Delhi & M.P. Avas Vikas Sansthan, Bhopal	2, March 1995
9.	Education and Economy	J.S.Chauhan	Seminar on Quality Assurance in Technical Education-Challenges of the New Economic Policy, SATI Vidisha	28-29 Jan. 1995
10.	Innovative Low Cost Building Materials from Industrial Wastes	J.S.Chauhan	National Seminar on Role of Engineering Institutions, Construction Industry & Building Research Institute in Low Cost Construction, Bhopal	22-23, Jan. 1996
11.	Project Cost Control by Inventory Management Techniques	J.S.Chauhan	National Seminar on Role of Engineering Institutions, Construction Industry & Building Research Institute in Low Cost Construction, Bhopal	22-23, Jan. 1996
12.	Low Cost Construction	J.S.Chauhan	Training Programme of Project Managers, HUDCO, New Delhi	4-15 March 1996

13.	Use of ferrocement techniques	J.S.Chauhan	Training Programme for Polytechnic teachers, SATI, Vidisha	18-30 March 1996
14.	Kam Laghat Mey Bhavan Nirman Sapna Nahi Eak Sachai (कम लागत में भवन निर्माण सपना नहीं एक सच्चाई)	J.S.Chauhan	<b>Udyamita Samachar Patra</b> Month Jan, 97, Bhopal	Jan. 1997
15.	Cost effective materials from industrial wastes	J.S.Chauhan	Conference on industrial wastes in development of building materials, Regional Research Laboratory, Bhopal	30 <sup>th</sup> April 1998
16.	Strengthening of Building Centres	J.S.Chauhan	Two day workshop for Development of Building Centres, HUDCO Bombay	23-24 July, 1999
17.	Lignin Recovery from Liquid Waste of Bagasse Alkali Pulping	J.S.Chauhan	National Seminar on Waste Management, SATI, Vidisha	26-27 Oct. 1999
18.	Cost Effective Building Materials from Industrial Wastes	J.S.Chauhan	National Seminar on Waste Management, SATI, Vidisha	26-27 Oct. 1999
19.	Waste Management an Overview	J.S.Chauhan	National Seminar on Waste Management, SATI, Vidisha	26-27 Oct. 1999
20.	Strengthening of Building Centres	J.S.Chauhan	National Induction Training Programme on New Building Materials and Cost Effective Construction Techniques organized by Civil Engineering Department, SATI, Vidisha	29 Jan – 17 Feb., 2001
21.	Tube and Dug Well Recharging as a Most Effective Strategy for Water Management in Water Scarcity Regins : a case study from Vidisha District, M.P.	J.S.Chauhan	National Seminar on Ground Water Conservation and Recharging in M.P. organized by Public Health Engineering Deptt. Madhya Pradesh and co-sponsorer in UNICEF, Bhopal	28-29 April 2003
22.	Computer Aided Analysis of Cost Effective Construction Technique in Rural Housing	J.S.Chauhan & N.K. Shrivastava	International Conference of XXXIth WORLD CONGRESS Concordia university Montreal, <b>Canada</b>	23-27 June, 2003
23.	Recent Trends in Computer Aided Cost Optimisation in Rural Housing	N.K. Shrivastava , J.S. Chauhan & L.K. Gumastha	<b>Journal</b> of Institution of Engineers (India) 8 Gokhle Road, Kolkatta 700 020 Published in the proceeding 1-2 November 2003 on Page 226 and communicated for publication in the Journal vide Letter No. BSR/T-290	22 <sup>nd</sup> Jan. 2004
24.	A Review of	N.K.	<b>Journal</b> of Urban Street for	16-17

	Computer Aided Design of Rural Roads as per PMGSY	Shrivastava , J.S. Chauhan & L.K. Gumastha	Transportation, New Delhi Published in the proceeding 16-17 February 2004 Bangalore on Page No. 267	February 2004
25.	Benefits of Steel Fibre Reinforced Concrete for various constructions	J.S.Chauhan & Y.P. Joshi	The seminar on Recent Trends in Building Materials organized by Materials Research Society of India, Bhopal Chapter and Regional Research laboratory (Council of Scientific and Industrial Research) Bhopal (P. No. 219-225)	26-27 February 2004
26.	Alternative Building Materials and Components for Rural Housing	J.S.Chauhan, N.K. Shrivastava and L.K. Gumastha	The seminar on Recent Trends in Building Materials organized by Materials Research Society of India, Bhopal Chapter and Regional Research laboratory (Council of Scientific and Industrial Research) Bhopal (P. No. 316-321)	26-27 February 2004
27.	Computer Aided Design of Cost Effective Earthquake Resistant Rural Housing	J.S.Chauhan, N.K. Shrivastava and L.K. Gumastha	Book from CD-ROMs. And <b>Journal</b> of Indian Buildings Congress, New Delhi Published in the proceeding 17-19 March 2004 on page No. 57	17-19 March 2004
28.	Computer Aided Anaysis of Cost Effective Construction Techniques in Rural Roads	N.K. Shrivastava , J.S. Chauhan & L.K. Gumastha	<b>Journal</b> of Indian Roads Congress, New Delhi Accepted for publication in the proceeding dated 7.2.04 but due to postal delay it could not be published in seminar proceeding. Communicatedfor publication in the Journal dated 13.04.2004	13 April 2004
29.	A Unique Feature of SATI	J.S.Chauhan	An <b>International Journal</b> of SATI International Alumni Association	May 2004
30.	Technology Environment & Habitat Development	Dr. J.S. Chauhan	International Seminar on "Habitat Development" at Colombo, Srilanka	20-23 <sup>rd</sup> Aug. 04
31.	Bench marking in TQM for Excellence	Dr. J.S. Chauhan	International Seminar on Construction opportunities and Strategies for Action with focus and Asia Pacific Middle East & African Region	23-25 Sept. 04
32.	Waste Utilization and Management	Dr. J.S. Chauhan, Prof. A.G.K.Murthy & Prof. K.K. Punjabi	National Workshop on Scientific Solutions for Waste Management & Pollution Control, organized by Civil Engineering Department SATI (Engg. College) Vidisha (M.P.)	4 <sup>th</sup> Oct. 2004
33.	Sustainable Development in Housing Sector	Dr. J.S.Chauhan	The National Workshop Strategy for New State Housing Policy organised by Institute of Town Planners India at Bhopal	1 <sup>st</sup> Oct. 2004
34.	Wind Engineering & Science – 2004 (WES-04)	Dr. J.S.Chauhan	International Workshop on Wind Engineering & Science-04 at India International Centre, New Delhi Conducted by IIT, Roorkee	29-30 Oct., 2004

35.	Subsurface Infrastructure Development & Management – A case study of India	Dr. J.S.Chauhan	22 <sup>nd</sup> International NO DIG Conference & Exhibition on “Engineering Education in South Asia at Hamburg, Germany	15-17 Nov. 2004
36.	Total quality management in HRM	Dr. J.S.Chauhan	Fourth Global Conference on Flexible System Management at Mussoorie	26-29, Dec. 2004
37.	Energy Efficiency in Buildings	Dr. J.S.Chauhan	Conference on Emerging Opportunities for Consulting Service Providers in the Context of Globalisation , organized by International Council of Consultants, New Delhi	12-13, January 2005
38.	Alternate Energy Efficient Building Materials for Low Cost Housing	Dr. J.S. Chauhan	International Conference on Intelligent Green & Energy Efficient Building at Beijing, China	29-31 March 2005
39.	"Trenchless Technology - A Viable Solution to Indian Conditions"	Dr. J.S.Chauhan	National and I <b>International</b> Conference New Materials, Devices and NO-DIG Technologies in Water Supply and Sewage Systems organized by Kielce-Technical University, Kielce,	6-8 April 2005
40.	Application of Neural Network in Straight Flanging Process	S.K. Panthi, K.K. Pathak, J.S. Chouhan, N. Ramkrishnan	<b>Metals Materials and Process</b> , Meshap Science Publishers, Mumbai, India	July 2005 Vol. 18, No. 2, pp. 191-200
41.	"Construction Guarantee Fund"	Dr. J.S.Chauhan	Organised by CIDC & Supported by National Science Foundation USA, British Standard Institute U.K., Singapore International Arbitration Centre, Singapur at New Delhi	Oct. 20-22, 2005
42.	Role of Building Centre in HRD	Dr. J.S.Chauhan	8 <sup>th</sup> Convention of Construction-Seminar an infrastructure development in M.P., Oct. 20, 2005 organised by CIDC, New Delhi	Oct. 20, 2005
43.	Cost reduction in Buildings	Dr. J.S.Chauhan	8 <sup>th</sup> Convention of Construction-Seminar an infrastructure development in M.P., Oct. 20, 2005 organised by CIDC, New Delhi	Oct. 20, 2005
44.	Role of GPS in infrastructure Development	Dr. J.S.Chauhan	8 <sup>th</sup> Convention of Construction-Seminar an infrastructure development in M.P., Oct. 20, 2005 organised by CIDC, New Delhi	Oct. 20, 2005
45.	Quality Management in Distance Education	Dr. J.S.Chauhan	ICDE International Conference an open learning & distance education organised by Indira Gandhi National Open University New Delhi,	Nov. 19-23, 2005

46.	An analysis of springback in sheet metal bending Using Finite Element Method (FEM)	S.K. Panthi, K.K. Pathak, J.S. Chouhan & N. Ramakrishnan	ICCES-05, IIT, Chennai	1-6 Dec. 2005
47.	Geoinformatics Techniques in the Power Development and Management	Dr. J.S.Chauhan	International Conference on Management of IT & Infrastructure for flexibility & competitiveness organised by RGPV, Bhopal	27-30 Dec. 2005
48.	Principles of Total Quality Management	Dr. J.S.Chauhan	International Conference on Management of IT & Infrastructure for flexibility & competitiveness organised by RGPV, Bhopal	27-30 Dec. 2005
49.	Emerging Trends in Civil Eng. Construction	Dr. J.S.Chauhan	International Conference on Management of IT & Infrastructure for flexibility & competitiveness organised by RGPV, Bhopal	27-30 Dec. 2005
50.	Scientific Solutions for Waste Management	Dr. J.S.Chauhan	The National Seminar on Environment & Development, Organised by Environmental Planning & Co-ordination organization EPCO, Bhopal	16—17 Jan. 2006
51.	Cost Effective Environment Friendly House Through Planning & Design	Dr. J.S. Chauhan	International Seminar on Retrofitting & Buildings to Withstand Earthquake & Green Construction Concept at M.P. Academy of Administration, Bhopal	15-16 Feb. 06
52.	Energy Efficient and Green Buildings Technology-An Overview	Dr. J.S. Chauhan & R.K. Malviya	International Seminar on Retrofitting & Buildings to Withstand Earthquake & Green Construction Concept at M.P. Academy of Administration, Bhopal	15-16 Feb. 06
53.	GPS Technology applications in Construction Industry	Dr. J.S. Chauhan & Dr. S.K. Katiyar	World conference on IT Solutions for the Design & Management of Infrastructure Construction Projects at IHC, New Delhi	15-17 Nov. 06
54.	Prospects of E-Governance	Dr. J.S. Chauhan	Sixth Global Conference on Flexible Systems Management organized by Asian Institute of Technology, Bangkok,. Thailand	20-22 Dec. 06
55.	Principles of Total Quality Management	Dr. J.S. Chauhan	Sixth Global Conference on Flexible Systems Management organized by Asian Institute of Technology, Bangkok,. <b>Thailand</b>	20-22 Dec. 06
56.	Prediction of Springback in Straight Flanging using Finite Element Method	S.K. Panthi, N. Ramakrishnan , K.K. Pathak & J.S. Chouhan	Copyright @ 2007 Tech. <b>Science Press, CMC</b>	Vol. 6, no. 1, pp. 13-19 2007

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58.	Prediction of smooth elbow behaviour using finite element method	Sanjeev Saxena, N. Ramakrishnan & J.S. Chouhan	<b>TGrans. Of the Indian Instt. Of Metal.</b> Vol. 60, No. 6, December 2007, pp. 553-558	December 2007
59.	Study of effect of load on springback in sheet metal bending	S.K. Panthi, N. Ramkrishnan, R. Das Gupta, J.S. Chouhan	<b>Trans. Indian Inst. Met.</b> Vol. 61, No.1, PP 1-5	February 2008
60.	Cost Effective Infrastructure Development through Trenchless Technology	N.K. Shrivastava, J.S. Chouhan & L.K. Gumastha	<b>International Journal</b> of Trenchless Technology Journal of Construction Industry Development Council.	1 <sup>st</sup> April 2008
61.	Computer Aided Design of Cost Effective Earthquake Resistant Group Housing in Semi Urban Areas	N.K. Shrivastava & J.S. Chouhan	Nirman Udyog an in house <b>Journal</b> of Construction Industry Development Council. Vol. 1 No. 2 page 4 to 9	August 2008
62.	EPFM based predictions of important experimental results in circumferentially TWC elbows	Sanjeev Saxena, N. Ramakrishnan & J.S. Chouhan	5 <sup>th</sup> Conf. on 'Creep, fatigue and creep-fatigue interaction", Oct. 21-24, 2008, IGCAR, Kalpakkam	21-24 Oct. 2008
63.	Energy Efficiency in Buildings - Effect of Design Parameters	R.K. Malviya & Dr. J.S. Chouhan	Nirman Udyog an in house <b>Journal</b> of Construction Industry Development Council	Dec. 2008
64.	Characterisation of Poned Fly Ash use in Concrete	P.P. Bhangale & Dr. J.S. Chauhan	Nirman Udyog an in house <b>Journal</b> of Construction Industry Development Council	Dec. 2008
65.	Prospects of E-Governance	Dr. J.S. Chouhan, D.K. Sharma & Dr. Manju Singh	Nirman Udyog an in house <b>Journal</b> of Construction Industry Development Council	Dec. 2008
66.	Assessing fracture behaviour of Circumferentially TWC elbows Subjected to closing and opening moment	Sanjeev Saxena, N. Ramakrishnan & J.S. Chouhan	Elsevier Jr, Nuclear Engineering and Design, Volume 239, Issue 1, January 2009 Page 9-15	1, January 2009
67.	Fatigue life prediction analysis of surface cracked straight pipes	Sanjeev Saxena, N. Ramakrishnan & J.S. Chouhan	Accepted in to Trans. Of the Indian Instt. of Metal 2009	2009



68.	Quality, Durability, Performance & Service Life of Building Materials	J.S. Chauhan	B.M.T.P.C. Special Issue, Nirman Sarika	5 Oct. 2009 World Habitat day
69.	Design Parameters for energy Efficient Buildings – Consulting A head ...	J.S. Chauhan	The Journal of Consultancy Development Centre Vol. – 4	2 July 2010
70.	Energy Efficient Building for Urban areas	J.S. Chauhan	NCHF Bulletine – Vol. XXVI	Sept.-Oct. , 2013
71.	Planning & Design of Cost Effective & Environment Friendly House in urban Area	J.S. Chauhan	B.M.T.P.C. Special Issue, Nirman Sarika	7 <sup>th</sup> Oct. 2013
72.	Building an Ecology Sustainable Society	J.S. Chauhan	Indian Social Science Congress	27-31, Dec., 2013
73	Space Planning for Thermal Comfort House	J.S. Chauhan	Special Issue “Nirman Sarika” A New letter of BMTPC , New Delhi Volu. 4, Issue 3	July-September 2015
74	Planning for Thermal Comfort Building	J.S. Chauhan	Special Issue “NCHF Bulletin” 6A/6 Siri Fort Institutional Area, August Kranti Marg, New Delhi, Vol. XXVIII	September – October 2015
75	A Review Paper on Study of Solid Waste Management through Different Methods	Yogendra Singh Patel, Gyanendra Kumar Chaturvedy, Ajeet Kumar, Dr. Janardan Singh Chauhan	International Journal for Scientific Research & Development, Vol. 4, Issue 03, pp1434-1436	2016
76	Solid Waste Management through Different Methods	Yogendra Singh Patel, Gyanendra Kumar Chaturvedy, Ajeet Kumar, Dr. Janardan Singh Chauhan	International Journal for Scientific Research & Development, Vol. 4, Issue 03, pp1430-1433	2016
77	Preparation of Geopolymer Cement with Dry Activators by One	Syed Ali Murtaza Zaidi, Dr. J.S. Chouhan, Dr.	Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 8, Issue 8, ISSN-2349-5162	Aug. 2021,

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**(Dr. J.S. Chauhan)**