

## BIO - DATA

1. Name of the faculty member : **SANJAY SARASWAT**  
(Capital letters)
2. Designation : Assistant Professor
3. Name of the Department : CIVIL ENGINEERING DEPARTMENT
4. Date of Birth : 01/05/1963
5. Academic qualifications after the Higher Secondary in the chronological order :

University	Degree	Division	Year	Field of Specialization
Board of Secondary Education, Bhopal	HSSC	1 <sup>st</sup>	1980	Physics, Chemistry, Maths
Board of Technical Education Bhopal	Diploma	1 <sup>st</sup> Honors	1983	Civil Engg.
Barkatullah University, Bhopal	B.E.	1 <sup>st</sup>	1990	Civil Engg.
RGPV, Bhopal	M.E.	1 <sup>st</sup> Honors	2001	Construction Technology & Management

6. Employment record :

S.No.	University/College	Designation	Period
1.	S.A.T.I. (Deg.) Vidisha (M.P.)	Non Teaching	1984 to 1999
2.	S.A.T.I. (Deg.) Vidisha (M.P.)	Research Assistant	1999 to 2001
3.	S.A.T.I. (Deg.) Vidisha (M.P.)	Lecturer	2001 to 2009
4,	S.A.T.I. (Deg.) Vidisha (M.P.)	Sr. Lecturer	2009 to continuing

7. Additional work Experience :
1. Supervision of Construction work under CETDEC (Building Centre)
  2. Supervision of the Manufacturing units of CETDEC as a Quality Controller
  3. Improvement in the development of Science Park in the Institute Campus
  4. PIC in SATI Building Section
  5. PIC in SATI Vehicle Section
  6. PIC in Water Supply
  7. PIC in Store
  8. PIC in Electrical Maintenance
  9. PIC in Campus Maintenance

8. Publications :

**Papers presented/published International Journals/National Journals/ National level seminar/conferences/workshops/ summer/winter schools etc. :**

S. No.	Title	Name of the Author(s)	Name of the Journal	Year of publication
1.	Use of Stabilized soil in house construction	A.G. Krishna Murthy, A.K. Jain, P. Purohit, S.Saraswat & J.S. Chauhan	National Seminar on Alternate housing materials held at RRL, Bhopal	12-13, March, 1993
2.	High strength concrete from Industrial waste	A.G. Krishna Murthy, Pradeep Purohit, Pramod Sharma, Sanjay Saraswat	National Seminar on Waste Management held at SATI, Vidisha sponsored by AICTE & UGC	26-27, Oct. 1999
3.	A Review of Effect of Micro Silica in Concrete	Devansh Jain, A.K. Saxena and Sanjay Saraswat	Corona Journal of Science and Technology, ISSN : 2319-6327 (online) Vol. 3, No. 1(2014) pp 14-18	2014
4.	Study on Rice Husk Ash as a Partial Replacement of PPC Cement (Fly Ash based) in Concrete	Himanshu Jain, Sanjay Saraswat, Devansh Jain	IJSRD – International Journal for Scientific Research & Development / Vol. 2, Issue 06, 2014 (ISSN (online) : 2321-0613	2014
5.	The Study of Effects of Quarry Dust on the Strength of Non-Traffic Paver Block	Aruna Yadav, Sanjay Saraswat	IJSRD – International Journal for Scientific Research & Development / Vol. 3, Issue 12, 2016 (ISSN (online) : 2321-0613	2016

6.	Retrofitting of Reinforced Concrete and Masonry Building	Sonam Agrawal, Sanjay Saraswat	International Journal of Research in Technology (IjRT) SN. No. 2394-9007, Vol. I, February 2016	2016
7.	Soil Stabilization using Waste Crumb Rubber Tire	Ankit Modi, Prof. Sanjay Saraswat	Journal of Emerging Technologies and Innovative Research (JETIR) December 2018, Volume 5, Issue 12, pp 446-450	2018
8.	A Comparative Analysis of Soil Stabilization using Lime, Cement and RBI Grade 81 Stabilizers	Jaylesh Sahu, Prof. Sanjay Saraswat	Journal of Emerging Technologies and Innovative Research (JETIR) December 2018, Volume 5, Issue 12, pp 570-575	2018
9.	Study on Utilization of Paper Sludge by Partial Replacement of Cement in Concrete	Pushpendra Patel, Prof. Sanjay Saraswat	Journal of Emerging Technologies and Innovative Research (JETIR) April 2019, Volume 6, Issue 4, pp 135-140	2019
10.	Wind Analysis on Sloping Ground Building	Nirnay Shukla, Prof. Sanjay Saraswat, Prof. Bharat Singh Chauhan	International Journal for Scientific Research & Development, Vol. 7, Issue 06, 2019, pp 74-78	2019
11.	Experimental Analysis of Composite Paver Blocks utilizing Plastic Material	Shafaq Ahmed Khan, Sanjay Saraswat	International Journal of Current Engineering and Scientific Research (IJCESR), Volume VI, Issue XI in the year 2019	2019
12.	Effect of Fly Ash and Marble Powder on Strength of Pavement Quality Concrete	Alok Kumar Shukla, Prof. Sanjay Saraswat, Prof. Pramod Sharma	Journal of Emerging Technologies and Innovative Research (JETIR) August 2020, Volume 7, Issue 8, pp 1888-1892	2020
13.	Selection of Optimized Proportion of Recycled Concrete Aggregates and Blast Furnace Slag as Granular Sub Base Material used in Pavement	Vijay Sheel Mishra, Prof. Sanjay Saraswat, Dr. Pramod Sharma	International Journal of Creative Research Thoughts (IJCRT) Volume 9, Issue 4 April 2021 ISSN:2320-2882	2021

9. List of Fellowship of Academic bodies and Professional Societies (with nos.) : ICC
10. List of Honours and Awards : Nil
11. List of Ph.D., M.Tech. Guided : M.Tech. 23 Nos.
12. List of Conferences, Short-term Courses organised/participated during the past five years :
- a) C-coordinate : 4 Nos.

1.	Staff Development Programme on Intelligent & Green Building Materials, Sponsored by AICTE, New Delhi, Organised by Civil Engg. Deptt., SATI, Vidisha , from 6 <sup>th</sup> July to 17 <sup>th</sup> July 2009
2	Staff Development Programme on Cost Effective Building Materials and Construction Techniques, Sponsored by AICTE, New Delhi, Organised by Civil Engg. Deptt., SATI, Vidisha , from 2 Aug. – 14 Aug. 2010
3	Staff Development Programme on Economy in Sustainable Construction, Sponsored by AICTE, New Delhi & TEQIP-II, Organised by Civil Engg. Deptt., SATI, Vidisha , from 25 <sup>th</sup> June to 29 <sup>th</sup> June, 2013
4	Three days training programme on Remote Sensing, GIS & Surveying held from 20 <sup>th</sup> April to 22 <sup>nd</sup> April, 2016 Geo-Systems & Sotwares is conducted this training programme and organized by Civil Engineering Department, SATI, Vidisha

- b) Attended / Participated in Seminar/Workshop/Conference/Training : 19 Nos.

1	Attended a National Seminar on 'Construction and Maintenance of Structures in Expansive Soils' 28-29 March 1985 sponsored by MAPCOST, Bhopal
2	Attended a Seminar cum Integrated training Programme on 'Low Cost Building Materials and Housing in collaboration with CBRI Roorkee 16-19 Sept. 1991
3	Attended a Winter School on ' Alternate Building Materials and Cost Effective Technologies 14-26 Feb. 1994 sponsored by I.S.T.E. New Delhi
4	Attended a National Seminar on 'Quality Assurance in Technical Education-Challenges of the New Economic Policy 28-29 Jan. 1995 sponsored by I.S.T.E. New Delhi & MAPCOST, Bhopal
5	Attended a Training programme for Polytechnic Teachers on 'Development of Materials and Technology for Low Cost Housing', 18-30 March 1996 World Bank Aided Technician Education Project Directorate of Technical Education M.P.
6	Attended a National Seminar on Logistic Management in 2000AD-Challenges & Strategies, 20-21 April 1996 sponsored by AICTE, New Delhi

7	Attended a National Seminar on 'Waste Management' Oct., 26-27, 1999 sponsored by AICTE & UGC.
8	Staff Development Scheme on 'New Building Materials and Cost Effective Construction Techniques' Jan 29-Feb. 17, 2001 sponsored by AICTE, New Delhi
9	Attended a National Workshop on 'Recent trends in Earth Resources Mapping' (Remote sensing, GIS and GPS) at MANIT, Bhopal from 29 to 30 June – 2004
10	Attended Staff Development Programme on New Building Materials and Cost Effective Construction Techniques at SATI, Vidisha from 10 <sup>th</sup> Dec. to 23 <sup>rd</sup> Dec. 2004.
11	Attended a National Seminar on Awareness of Sub-Surface and Trenchless Technology during 20-21 December 2004) at Civil Engineering Technology Development Centre Samrat Ashok Technological Institute, Vidisha (MP)
12	Attended a National Seminar on Energy Efficient Buildings during 17 <sup>th</sup> – 18 <sup>th</sup> December 2004 at Samrat Ashok Technological Institute, Vidisha (M.P.)
13	Attended a Training Programme on Appropriate Rural Housing Technologies sponsored by Central Building Research Institute (CBRI) Roorkee from 20-21, Oct. 2008.
14	Attended a one day Faculty Development Programme on Project Management – Overview of 9 knowledge areas organized by Tata Consultancy Services (TCS) from 03.03.2012
15	Participated IJSRD – International Journal for Scientific Research & Development the publication of the paper entitled Study on Rice Husk Ash as a Partial Replacement of PPC Cement (Fly Ash based) in concrete
16	Participated in AICTE Recognized Short Term Course on Induction Phase – I (A-View Based) on National Institute of Technical Teachers' Training and Research, Bhopal from 01/12/2014 to 12/12/2014 (Two Week)
17	Participated a short term training programme on Recent Trends in Surveying Technology : Remote Sensing, GIS & GPS perspective held during 22-26 June 2015 organized by Department of Civil Engineering, MANIT, Bhopal
18	Participated a short Term Training Programme on Research Methodology sponsored by Directorate of Technical Education, Bhopal (M.P.) from 21 <sup>st</sup> – 25 <sup>th</sup> , August, 2015.
19	Attended One day Training cum workshop on Patent and Project Management organized by CSIR – Advanced Materials and Processes Research Institute (AMPRI), Bhopal & Indian Science Congress Association, Bhopal Chapter from 27 <sup>th</sup> October, 2015.

Date :

( Sanjay Saraswat )