

Sanjay R. Salla

sallasanjay@gmail.com

+91 – 9033300076

Permanent Address:

“Ram – Raxa”

Alkapuri – 6, Raiya Road

Rajkot – 360007

Current Address:

BS – 01, Raman Bhavan

S V National Institute of Technology

Surat – 395007

Covering Letter

Greetings of the DAY...!!!

Respected Sir,

I would like to present myself before you as a nominee in your esteemed end premier organization.

I assure you that I carry out the job with a greater sense of responsibility. I enjoy the challenges of a new field and expect to make a positive contribution to the work allocated to me. Achievement through mutual cooperation is my principle that I would like to reflect on my efforts if given a chance.

Please find herewith enclosed a copy of my curricular vitae for your kind perusal.

I am looking forward to your cooperation and a positive reply.

Thanking you.

Yours' Faithfully

Sanjay R. Salla

Research Scholar

Civil Engineering Department

S V National Institute of Technology

Surat – 395007

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Objectives:

My objective is to obtain a position in a professional environment where my skills are valued and can benefit the organization. Ideally, I wish to have a focus in Innovation and Development for a growing organization preferably dealing in any kind of Programming and strategic analysis.

Education Details

Doctor of Philosophy (2018 to Ongoing)

Under the guidance of **Dr. C D Modhera**, Professor (HAG), Civil Engineering Department, **S V National Institute of Technology – Surat**.

Post – Graduation (2011 – 13)

Master of Engineering – Civil Engineering with specialization in **Construction Engineering and Management**, Gujarat Technological University, **B. V. M. Engineering College – V. V. Nagar, Anand..**

Graduation (2007 – 11)

Bachelor of Engineering – Civil Engineering, Sardar Patel University, **B. V. M. Engineering College – V. V. Nagar, Anand.**

Higher Secondary School Education (2005 – 07)

Gujarat Higher Secondary Education Board, **Krishna Science School – Rajkot.**

Secondary School Education (2005)

Gujarat Secondary Education Board, **S. V. Virani M.P. High School – Rajkot.**

Experience

1. **July 2013 to December 2017:** Assistant Professor, Shri Labhubhai Trivedi Institute of Engineering and Technology, Rajkot.
2. **January 2010 to December 2012:** Under Graduate Trainee Engineer Mansi Infrastructure Pvt. Ltd. – Anand.

Research Projects

1. During Ph. D., working on “**Experimental Studies on Physico-Mechanical Behaviour of Concrete Using Various Industrial Wastes**”
2. During masters worked on “**Effect of Natural Fibres and Agricultural Waste Inclusion in Fly Ash Bricks: Physico-Mechanical Properties in Central Gujarat Region of India**”

Area of Interest

Building Materials and Testing, Construction technology, Concrete Technology, Special Concrete, High Strength Concrete, Self-Compacting Concrete, Project Work, Site Work, Quality Control as per International Standards, Project Management and Construction Contract Management.

Project Supervised

Under Graduate

1. Utilization of Discarded Foundry Sand in Construction Industries.
2. Value Engineering: The Vital Feature for Construction Industries.
3. Grit Dry Sludge: An Alternative Material for Sustainable Development in India.
4. Suitability of Glass Powder as Partially Replacement of Cement in Concrete.
5. Value Added Utilization of Marble Dust and Waste in Concrete.

Post Graduate

1. Investigation on the effect Composite Fiber (Steel & Glass) on Mechanical Properties of Concrete.

Personal Skills

Technical:

- ✓ MS Word
- ✓ MS Power point
- ✓ MS Excel
- ✓ Concrete Mix Design

Non-Technical:

- ✓ Public Dealing
- ✓ Hospitality
- ✓ Planning and Organizing Functions

Paper Publications in Journal (National & International)



SCI, Scopus or Web of Science (International):

1. **S. R. Salla**, Dr. C D Modhera and U. Raghu Babu, **“An Experimental Studies on Industrial wastes in concrete for sustainable construction”**, Accepted for Journal of Advance Concrete Technology. (SCI)



Peer Reviewed (International):

Year 2016

2. Gaurav Kumar Shrivastava, Asst. Prof. Pankaj Kaushik, **Asst. Prof. S. R. Salla**, Asst. Prof. M. A. Joshi, **“A Comparative Review on: Flexible Pavement with Plastic Waste Material”**, International Journal of Advance Engineering and Research Development, ISSN (Online): 2348 - 4470, ISSN: 2348-6406, Volume 3, Issue 6 Page No.: 369-372, June 2016.
3. Gaurav Kumar Shrivastava, Asst. Prof. Pankaj Kaushik, **Asst. Prof. S. R. Salla**, Asst. Prof. M. A. Joshi, **“Viability of Utilize Waste Material (LDPE- Low Density Polyethylene & HDPE- High Density Polyethylene) in Flexible Pavement in Indian Context”**, International Journal of Advance Engineering and Research Development, ISSN (Online): 2348 - 4470, ISSN: 2348-6406, Volume 3, Issue 6 Page No.: 373-378, June 2016.

Year 2014

4. Ashishkumar Talpada, V. C. Panchal, S. R. Salla, **“Crumb Rubber: An Alternate Waste Material To Produce Light Weight Concrete and Sustainable Concrete in the New Millennium”**, International Journal of Advance Engineering and Research Development, ISSN (Online): 2348 - 4470, ISSN: 2348-6406, Volume 1, Issue 6 Page No.: 45-50, June 2014.
5. V. C. Panchal and S. R. Salla, **“A Challenges and Remedies of second largest activity in INDIA.”**, International Journal of Advance Engineering and Research Development, ISSN (Online): 2348 - 4470, ISSN: 2348-6406, Volume 1, Issue 5, May 2014.

Year 2013

6. **Sanjay Salla**, Prof. Jayeshkumar Pitroda, Dr. (Smt.) B. K. Shah, **“Comparative Study on Rice Husk and Ground Nut Shell in Fly Ash Bricks.”**, International Journal of Inventive Engineering and Sciences, ISSN – 2319 – 9598, Volume 1, Issue 7, Page No.: 5-8, June 2013.
7. **Sanjay Salla**, Prof. Jayeshkumar Pitroda, Dr. (Smt.) B. K. Shah, **“Comparative Study on Jute Fibre and Banana Fibre in Fly Ash Bricks.”**, International Journal of Engineering Trends and Technology, ISSN – 2231 – 5381, Volume 4, Issue 4, Page No.: 851-856, May

2013.

8. Mr. Ankit Patel, **Mr. Sanjay Salla**, Prof. Jayeshkumar Pitroda, **“A Study on Utilization of Agro-Wastes as an Innovative Material in Indian Context.”** International Journal of Scientific Research (IJSR), ISSN – 2277 – 8179, Volume: 2, Issue: 2, Page No.: 30-35, January 2013.



Peer Reviewed (National):

Year 2012

9. **Mr. Sanjay Salla**, Prof. Jayeshkumar Pitroda, **“A Comparative Review on: Effect of Natural Fibres Inclusion in Fly Ash Bricks.”** Paripex - Indian Journal of Research, ISSN – 2250 – 1991, Volume: 1, Issue: 12, Page No.: 62-64, December 2012.



Conference Paper (International):

Year 2014

10. Dr. Sanjay Joshi, **Prof. Sanjay Salla**, Jaydeep Donga, Alif Halani, **“A Comparative Review On: Industrial Waste (Discarded Foundry Sand) Eco- Friendly Alternative for Construction Industries.”** International Journal of Emerging Technologies and Applications In Engineering, Technology and Sciences (IJ- ETA-ETS), ISSN: 0974-3588, Volume 7, Issue 1, Page No.: 409-413, JAN '14 – JUNE '14.

Paper Presented (International)

11. **“Experimental studies on mechanical properties of concrete by using manufactured sand and as replacement of fine aggregate”** at International Conference on Sustainable Building Material and Sustainability – 2021” (ICSBMC 2021) – Organized by Civil Engineering Department, S V National Institute of Technology – Surat on 4th – 6th February, 2021.
12. **“Relationship of split-tensile, flexural strengths with the compressive strength of concrete made of manufactured sand”** at International Conference on Sustainable Building Material and Sustainability – 2021” (ICSBMC 2021) – Organized by Civil Engineering Department, S V National Institute of Technology – Surat on 4th – 6th February, 2021.

Worked as Reviewer

1. **“Parul University Conference on Engineering and Technology (PiCET -2019): Smart Engineering”** – Jointly organized by Parul University, Vadodara – India in association with Wordaw University of Science and Technology, Wrodaw – Poland on 24 – 25th May, 2019 at Parul University Campus, Vadodara – India.

Webinar, Workshop, Seminar & STTP Attended:

Workshop and Short Term Training Programme (STTP):

Year 2020

1. **“Multiple Attribute Decision Making and Its Industrial Application - II”** – Organized by Mechanical Engineering Department, S V National Institute of Technology - Surat and Sponsored by Technical Education Quality Improvement Programme (TEQIP-II) During 21st – 25th December, 2020.
2. **“Recent Advances in Energy Materials (RAEM 2020)”** – Organized by Department of Physical Sciences and Chemical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, Gujarat, India during 16th – 18th December, 2020.
3. **“Latest Trends in Civil Engineering”** – Organized by Civil Engineering Department, Dr. S. & S. S. Ghandhy Government Engineering College, Surat and Approved by Indian Society of Technical Education (ISTE) during 22nd – 27th June, 2020.
4. **“Recent Advancements in Concrete Technology”** – Organized by Department of Civil Engineering of KLE College of Engineering and Technology, Chikodi on 21st, 23rd, 26th and 27th May, 2020.

Year 2016

5. **“Recent Advances in Concrete Technology and Testing”** – Organized by Applied Mechanics Department, Saradar Vallabhbhai National Institute of Technology, Surat and Sponsored by Quality Improvement Programme (QIP) During 19th to 24th December, 2016 at Saradar Vallabhbhai National Institute of Technology, Surat.

Year 2015

6. **“Public Transport in Rajkot: Status and Challenges”** – Organized by, Institute of Urban Transport – India, Regional Chapter Gujarat – Rajasthan – SVNIT – Surat in association with Department of Civil Engineering, Darshan Institute of Engineering and Technology, Rajkot held on 26th September, 2015.
7. **“Present Scenario & Environmental Sustainability of Ceramic Industries”** – Jointly Organized by, Department of Civil & Chemical Engineering, V. V. P. Engineering College, Rajkot During 22nd to 26th June, 2015 at V. V. P. Engineering College, Rajkot.
8. **“Morden Instruments & Techniques in Surveying”** – Organized by, Department of Civil Engineering, BVM Engineering College, Vallabh Vidhyanagar and Sponsored by

Technical Education Quality Improvement Programme (TEQIP-II) During 09th to 13th June, 2015 at BVM Engineering College, Vallabh Vidhyanagar.

Year 2014

9. **“Bituminous Mix Technologies”** – Organized by Department of Civil Engineering, Darshan Institute of Engineering and Technology, Rajkot held on 30th August, 2014.
10. **“Advances In Waste Management Techniques”** – Organized by Environmental Engineering Section, Department of Civil Engineering, Saradar Vallabhbhai National Institute of Technology, Surat and Sponsored by Technical Education Quality Improvement Programme (TEQIP-II) During 23rd to 27th June, 2014 at Saradar Vallabhbhai National Institute of Technology, Surat.

Year 2012

11. **“MS Project”** – Offered by A National Label Technical Festival Held on 28th & 29th September 2012 at Chandubhai S. Patel Institute of technology, Changa.
12. **“Advance Civil Engineering Materials”** – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 11th to 13th June, 2012 at BVM Engineering College, Vallabh Vidhyanagar

Year 2011

13. **“Use of Recycled Material/Industrial Waste in Construction Industries for Sustainable Development”** – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 19th to 21st October, 2011 at BVM Engineering College, Vallabh Vidhyanagar
14. **“Recent Advances in Construction Practice & Technology”** – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 19th to 23rd March, 2011 at BVM Engineering College, Vallabh Vidhyanagar.
15. **“Nanotechnology in Construction Practice”** – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 29th September to 01st October, 2011 at BVM Engineering College, Vallabh Vidhyanagar.
16. **“Geomatics For Civil Engineers and Planners”** – Organized by Civil Engineering Department, Nirma University and Indian Society of Geomatics- Ahmedabad Chapter on 22nd January, 2011 at Nirma University on Remote Sensing, GIS, GPS, Photogrammetry, Urban Infrastructure Application and GIS Software.

Seminar:

Year 2010

17. **“Road Safety Awareness”** – Organized by Transportation Engineering Section of Civil

Engineering Department, BVM Engineering College, And Indian Society for Technical Education & Institution of Engineers (India) on Thursday 22nd April 2010.

Skill Development Programme:

Year 2010

18. **“Surveying & Mapping Using Total Station”** – Organized by Civil Engineering Department, BVM Engineering College, Vallabh Vidhyanagar on 26th June & 27th June 2010.

Faculty Development Programme:

Year 2020

19. **“R”** – Organized by Chouksey Engineering College with course material provided and offered by Spoken Tutorial Project, IIT Bombay and funded by the National Mission on Education through ICT, MHRD, and Government of India on 15th – 21st June, 2020.

Online Course Completion:

Year 2016

20. **“SKARC101x: 3D Architectural Visualization”** – A course of study offered by IIT BombayX, an online learning initiative of Indian Institute of Technology Bombay.

Quiz Competition:

Year 2020

21. **“Online Quiz on Indian Culture”** – Organized by Shri R H Joshi Charitable Trust – Rajkot on 6th March, 2020.

Webinar:

Year 2020

22. **”Durability of Structural Concrete”** – Organized and Sponsored by Ultra Tech Cement Ltd. on 25th December, 2020
23. **“Concrete Mix Proportioning”** – Organized and Sponsored by Ultra Tech Cement Ltd. on 26th July, 2020.
24. **“Microstructure of Cement Based Materials”** – Organized by Uka Tarsadia University on 29th June, 2020.
25. **“Publishing Ethics”** – Organized by IIT Delhi in association with Taylor and Francis Group on 19th June, 2020.
26. **“Dispute Resolution in Construction Contracts”** – Organized by Civil Engineering Department Pimpri Chinchwad College of Engineering, Pune on 14th June, 2020.
27. **“Construction and Demolition Waste Recycling an Option for Green Building Materials”** – Organized by SICD in Association with JK Cement and Dr. Jivaraj Mehta

Institute of Technology, Anand, on 13th June, 2020.

28. **“NBA Accreditation”** – Organized by Internal Quality Assurance Cell, Gujarat Technological University and Inponds India Pvt. Ltd. on 11th June, 2020.
29. **“How To Write A Good Paper For Highly Indexed International Journal”** – Organized by Civil Engineering Department, Dr. S. & S. S. Ghandhy Government Engineering College, Surat under Students’ Chapter IEI (I) on 1st June, 2020.
30. **“Introduction to Applications of Geosynthetics in Civil Engineering Projects”** – Organized by Civil Engineering Department, Amrutvahini College of Engineering, Sangamner on 31st May, 2020.
31. **”Durability of Concrete”** – Organized by Wonder Cement on 16th May, 2020.
32. **“Achieving Sustainable Concrete through use of Mineral Admixtures”** – Organized by Indian Concrete Institute Bangalore & JSW – 8th May, 2020.

Expert Lectures Delivered

Year 2020

1. **“Utilization of Natural Fibers in Construction Industries”** at BVM Engineering College, Vallabh Vidhyanagar on 18th May, 2020.

Year 2012

2. **“Advance Civil Engineering Materials– CENOSPHERE”** Workshop: “Advanced Civil Engineering Material” – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 11th to 13th June, 2012 at BVM Engineering College, Vallabh Vidhyanagar.

Year 2011

3. **“Effect of Natural Fibers And Agricultural Waste Inclusion in Fly Ash Bricks”** Workshop: Use of Recycled Material/Industrial Waste in Construction Industries for Sustainable Development” – Offered by CEPT Anchor Institute for Infrastructure Sector (Sponsored by Government of Gujarat) During 19th to 21st October, 2011 at BVM Engineering College, Vallabh Vidhyanagar.

Expert Lectures Conducted

Year 2013

1. **“Development Plan: A Case Study on Dholera Development Plan”** – Lecture Given by Er. Y. K. Goswami – Assistant Town Planner (Rajkot Municipal Corporation) at Shri Labhubhai Trivedi Institute of Engineering and Technology, Rajkot held on 19th August, 2013.

Membership of Various Professional Bodies

1. **Institution of Engineers:** Associate Member & Chartered Engineer (Membership No: AM1593644)
2. **International Association of Engineers, Hong Kong:** (Membership No: 157966)
3. **American Society of Civil Engineering:** (Membership No: SM-11985691)
4. **Institute of Scholars: Professional Member** (Membership No: InSc2020B10)
5. **Association Consulting Civil Engineer (ACCE – Rajkot):** During 2013 - 2016

Award and Achievements

Year 2020

1. **Best Oral Presentation** for presenting Paper entitled **“Experimental studies on mechanical properties of concrete by using manufactured sand and as replacement of fine aggregate”** at International Conference on Sustainable Building Material and Sustainability – 2021” (ICSBMC 2021) – Organized by Civil Engineering Department, S V National Institute of Technology – Surat on 4th – 6th February, 2021.

Year 2017

2. Awarded for **“Extra Ordinary Contribution”** at college level faculties award in the category of extra ordinary contribution in overall work the year of 2016-17.

Extra Co-Curricular Activities

1. **Faculty Co-ordinator** in **GTU Central Techfest’17** held at L. D. College of Engineering, Ahmedabad 30th & 31st March, 2017
2. **Departmental Placement Co-ordinator** in **Recruitment Leage’16** held at Shri Labhubhai Trivedi institute of engineering and technology, Rajkot 07th & 08th April, 2016.
3. **Faculty Co-ordinator** in **5th Youth Festival of Gujarat Technological University - 2015** held at Shri Labhubhai Trivedi institute of engineering and technology, Rajkot 18th to 20th September, 2015.
4. **Faculty Co-ordinator** in **GTU Central Techfest’14** held at L. D. College of Engineering, Ahmedabad 04th & 05th April, 2014
5. **Faculty Co-ordinator** in **Guruvakarshan’14** held at Shri Labhubhai Trivedi institute of engineering and technology, Rajkot 21st & 22nd March, 2014

Hobbies

- ✓ Travelling
- ✓ Exploring New Places
- ✓ Listening Music
- ✓ Learning New Thing
- ✓ Watching Movies
- ✓ Food

References

1. Dr. C D Modhera, Professor (HAG), Civil Engineering Department, S V National Institute of Technology – Surat.
2. Er. R V Prajapati – Civil Tech. Laboratory – Surat
3. Er. Raj Chauhan – JEMS Multi Testing Laboratory – Surat
4. Dr. L. B. Zala, Professor and Head, Civil Engineering Department, B. V. M. Engineering College Vallabh Vidhyanagar.
5. Mr. H. L. Dodia, Principal at S. V. Virani M. P. High School Rajkot.

Declaration:

I hereby declare that the above mentioned information is true to the best of my knowledge.

Yours' Faithfully,
Sanjay R. Salla
sallasanjay@gmail.com
+91 – 9033300076

Date: 12.02.2021

Place: Surat