

CURRICULUM VITAE

Dr. TRILOK GUPTA

Professor & Head
Department of Civil Engineering
CTAE, MPUAT, Udaipur
University Campus, Udaipur- 313001
Phone: +91-94144-06223
Email: trilokguptactae@gmail.com



Date of Birth: 23.10.1979

Category: General

ACADEMIC QUALIFICATIONS

Ph.D. (2016, MNIT Jaipur, India)
M.TECH. (2003, MNIT Jaipur, India) with Honours (77.8%)
B. E. (2001, Pune University, India) with Honours (69.8%)

Google Scholar (94 Articles)

Citation	3457
H-index	28
i10-index	43

RESEARCH INTERESTS

Strength, Durability and Microstructure of Sustainable Concrete and Value Added Products

Studies carried out for utilisation of fly ash, waste rubber fiber, ceramic waste, plastic waste and granite powder as partial replacement of fine aggregate in concrete and paver blocks.

Studies in progress for strength, durability and microstructure of geopolymer using fly ash and mine waste concrete using advanced characterisation techniques.

ACADEMIC and INDUSTRY POSITIONS HELD

Designation	Employer	From	To
Design Engineer	NM Roof Designer Ltd, Jaipur	01.03.03	05.07.05
Assistant Professor	College of Technology and Engineering, Udaipur	06.07.05	05.07.18
Associate Professor	College of Technology and Engineering, Udaipur	06.07.18	05.07.21
Professor	College of Technology and Engineering, Udaipur	06.07.21	Till Date

PUBLICATIONS: (List enclosed as Annexure CV-1)

Papers published/accepted for publication in International Journals:	88 (66 in SCI/SCIE)
Papers published in National Journals:	03
Papers in published refereed Conferences:	36
Books:	10

SPONSORED RESEARCH PROJECTS

1. “Structural Health Monitoring and Restoration Techniques for Heritage Structures of Mewar-Udaipur and Hadoti-Kota-Bhundi-Jhalawar Region” funded by DST, New Delhi (2025-2028)
2. “Utilization of Bamboo Strip as reinforcement in concrete” funded by TEQIP, GOI (2019-2021).
3. “Development of Eco-friendly Paver Block Utilizing Waste Products” funded by DST, GOR (2018-2021).
4. “Natural-coloured functionally graded rubberised geopolymer (flyash based) system: A cement-less solution for optimised concrete paver manufacturing” funded by DST, GOI. Indo-UK Project. (2018-2020). Collaborating Institute: University of Edinburgh, UK.
5. “Utilization of Plastic Waste in Concrete and Paver Block: Feasibility Studies” funded by DST, GOI (2016-2020).
6. “Waste utilisation in concrete as aggregate: Asian perspective” funded by Asian Concrete Federation (2016-2019). Team of researchers from India, China, Hong Kong and Thailand.
7. “Green Concrete Utilizing Granite Slurry Waste” funded by DST, GOI (2014-2019).

PATENTS GRANTED

1. Trilok Gupta, Ravi K. Sharma, Sandeep Chaudhary and Sudhir Jain (2020). “Method of Preparation of Conplas Paver Block Utilizing Waste Polythene Bags” International Patent: Australian Patent Application No. 2020102838, Date of Application 18.10.2020, Date of Grant: 02.12.2020.
2. Trilok Gupta, Ravi K. Sharma, Sandeep Chaudhary and Salman Siddiqui (2021). “Method of Preparation of Paver Block incorporation of Rubber Waste” International Patent: Australian Patent Application No. 2020104280, Date of Application 23.12.2020, Date of Grant 24.02.2021.
3. Trilok Gupta, Ravi K. Sharma and Sudhir Jain (2021). “A Method and mix proportion of concrete for rigid pavement containing single used polythene bags” International Patent: Australian Patent Application No. 2021100390, Date of Application 21.01.2021, Date of Grant 07.04.2021.
4. Trilok Gupta, Ravi K. Sharma and Sudhir Jain (2021). “A Method of Preparation for Sustainable Rigid Pavement” Application No. 202011025715, Patent No. 370436 Date of Application 18.06.2020, Date of Publication 28.08.2020, Date of Grant 28.06.2021.
5. Trilok Gupta (2021). “Method and preparation of precast floor tiles containing sugarcane baggase ash using self compacting techniques” International Patent: Australian Patent Application No. 2021106965, Date of Application 24.08.2021, Date of Grant 01.12.2021
6. Ravi K. Sharma, Trilok Gupta, and Digvijay Singh Chouhan (2021). “Production of interlocking concrete paver block containing granite waste” International Patent: Australian Patent Application No. 2021106835, Date of Application 24.08.2021, Date of Grant 08.12.2021

7. Trilok Gupta, Ravi K. Sharma, Sandeep Chaudhary and Salman Siddique (2020). "Composition for Preparation of Paver Block Utilizing Rubber Waste" Application No. 202011018399, Patent No. 385236, Date of Application 29.04.2020, Date of Publication 19.06.2020, Date of Grant 27.12.2021.
8. Trilok Gupta, Ravi K. Sharma and Digvijay Singh Chouhan (2020). "A composition comprising waste brick powder for preparation of eco-friendly paver block" Application No. 202011046828, Patent No. 386333, Date of Application 27.10.2020, Date of Publication 20.11.2020, Date of Grant 10.01.2022.
9. Trilok Gupta, (2021). "A composition of mix proportion of self compacting precast floor tiles utilizing sugarcane baggase ash" Application No. 202111005383, Date of Application 09.02.2021, Date of Publication 26.03.2021, Date of Grant 07.04.2022 (Patent No. 394405).
10. Trilok Gupta, Ravi K. Sharma and Digvijay Singh Chouhan (2022). "A Method and Mix Proportion of Eco-friendly Paver Block Containing Waste Brick Powder" International Patent: Australian Patent Application No. 2021104878, Date of Application 03.08.2021, Date of Grant 20.04.2022.
11. Trilok Gupta, Ravi K. Sharma, Sandeep Chaudhary and Sudhir Jain (2020). "Method of Preparation of Conplas Paver Block Utilizing Waste Polythene Bags" Application No. 202011002264 A, Date of Application 18.01.2020, Date of Publication 06.03.2020 Date of Grant 05.05.2022 (Patent No. 396218).
12. Ravi K. Sharma, Trilok Gupta, and Digvijay Singh Chouhan (2018). "Composition of interlocking concrete paver block utilizing granite waste and method of preparation thereof" Application No. 201811041715 A, Date of Application 03.11.2018, Date of Grant 30.11.2018.

DESIGN PATENTS GRANTED

1. Trilok Gupta, Yash Agrawal, Netram Meena, Sachin Sharma. (2024). "Hexagonal concrete hacking and finishing trowel". Design No. 405366-001, Date of Application 22.01.2024, Date of Grant 05.04.2024
2. Trilok Gupta, Yash Agrawal, Netram Meena, Narayan Lal Panwar, Chitranjan. (2024). "Octagonal concrete hacking, levelling and finishing trowel with vibrating system". Design No. 414736-001, Date of Application 24.04.2024, Date of Grant 24.06.2024.
3. Pranay Rajendra Lanjekar, Narayan Lal Panwar, Chitranjan Agarwal, **Trilok Gupta**, Kamallesh Kumar Meena, Sanwal Singh Meena (2024). "Pressure Swing Adsorption System for Hydrogen Separation from SYNGAS" Design No. 407101-001, Date of Application 09.02.2024, Date of Grant 16.05.2024.
4. Trilok Gupta, Yash Agrawal, Netram Meena, Ravi Kumar Sharma. (2024). "Adjustable elevated scaffolding system". Design No. 416176-001, Date of Application 08.05.2024, Date of Grant 11.07.2024
5. Trilok Gupta, Yash Agrawal, Netram Meena, (2025). "An omni-directional column levelling and shuttering supported system". Design No. 405366-001, Date of Application 22.10.2024, Date of Grant 11.02.2025.

MAJOR CONSULTANCY PROJECTS AS PRINCIPAL INVESTIGATOR

- Completed more than 100 projects.(List of major Projects in Annexure CV-2)

RESEARCH SUPERVISION

Ph.D. Supervision (Details in Annexure CV-3)

Completed: 15

M. Tech. Supervision (Details in Annexure CV-4)

Awarded: 50

COURSES TAUGHT

- **Undergraduate:** Bridge Engineering, Design of Steel Structure-I, Design of Steel Structure-II, Repair and Rehabilitation of Concrete Structure, Structural Analysis, Strength of Material, Theory of Structure-I, Engineering Mechanics
- **Postgraduate:** Advanced Concrete Structures, Advanced Steel Structures, Bridge Engineering, Maintenance and Rehabilitation of Concrete Structure

INTERNATIONAL COLLABORATIONS:

- Asian Concrete Federation: Joint Project
- University of Edinburgh, UK: Joint Project

ADMINISTRATIVE RESPONSIBILITIES AT UNIVERSITY

1. OSD (Rectt.), MPUAT, March 2025 to Till Date
2. Additional OSD (Rectt.), MPUAT, 14th February 2023 to March 2025
3. Chairman, Committee of Technical Monitoring and Quality Check of various Civil Works, 24th April, 2023 to Till Date
4. Member, Academic Council, for Two years from 21.03.2024.
5. Member, Patents Facilitation Cell, 27th May 2024 to Till Date
6. Member, University Consultancy Cell, 27th May 2024 to Till Date
7. Member, University Revenue Cell, 27th January 2024 to Till Date
8. Member, MoU's Cell, 15th May, 2023 to Till Date

ADMINISTRATIVE RESPONSIBILITIES AT CTAE UDAIPUR

1. Head, Department of Civil Engineering, April, 2021 to Till Date
2. Convener, College Canteen Committee, 7th June 2022 to Till Date.
3. Incharge, TEQIP Cell, 1st November 2023 to Till Date.
4. Coordinator, Literary Club, 19th August 2021 to Till Date.
5. Member, IQAC, 19th May 2022 to Till Date.
6. Member, Internal Complaint Committee (ICC), 17th May 2022 to Till Date.

7. Member, Board of Studies, 26th May 2022 to Till Date.
8. Assistant Dean (Student Welfare) (August 2016 to April 2021)
9. Editor-in-chief, College Magazine (Techview) (February 2017 to Till Date)
10. Convener, Anti Raging Committee (July 2017 to Till Date)
11. Member, Discipline Committee: Ex-officio (July 2013- Till Date)
12. Member, University Sports Board (December 2018 to till date)
13. Advisor, College Level Student Union (July 2013- April 2021)
14. Member, Committee of Courses (July 2010- Till Date)
15. TEQIP Nodal Officer Procurement (July 2019-September 2021)
16. ICAR Assistant Nodal Officer (August 2018 to Till Date)

ADMINISTRATIVE RESPONSIBILITIES AT DEPARTMENT LEVEL

1. Lab Incharge: Computational Lab
2. Lab Incharge: P.G. Lab
3. Lab Incharge: Durability Lab
4. Class Advisor: B.Tech Final Year and M. Tech Final Year

LABORATORY DEVELOPED

1. P.G. Lab with equipment of Cost Rs. 50.0 Lakhs in 2019
2. Durability Lab with equipment of Cost Rs. 55.0 Lakhs in 2018

REVIEWER FOR THE FOLLOWING MAJOR INTERNATIONAL JOURNALS

1. Construction and Building Materials
2. Journal of Material Engineering, ACI
3. Journal of Materials in Civil Engineering, ASCE

COURSES/SEMINARS ORGANISED

1. 21 days Orientation Program as Coordinator May 05-25th, 2025
2. One day “Webinar” on “Land Use Planning in Urban Development” Funded by IDP/NAHEP on August 04, 2021.
3. One day, “Workshop of GENESTELLA” on July 19, 2021.
4. One day “Webinar” on “Application of Remote Sensing in Glacier Hydrology and Soil Moisture” Funded by IDP/NAHEP on July 24, 2021
5. Two days “International Conference” on “Recent Challenges and Opportunities in Engineering-2021” Funded by TEQIP-III from March 13-14, 2021.
6. Two days “National Conference” on “Recent Advancement in Engineering” Funded by TEQIP-III from September 24-25, 2020.
7. Two weeks “Online Workshop” on “Soft Skill Development in Foreign Language: French” Funded by IDP-NAHEP, ICAR, New Delhi from August 04-14, 2020.
8. One week “Online Workshop” on “Report Writing” Organized by College of Technology and Engineering, MPUAT, Udaipur from May, 26-30, 2020.

9. Two days "Training Program" on "Skill Development & Continuous Improvement" Funded by IDP/NAHEP, ICAR, New Delhi, July 16-17, 2019.
10. One week "Short-Term Training Program" on "Energy Efficient & Innovative Building Construction Practices" sponsored by N.I.T.T.T.R. Chandigarh from June, 10 -14, 2019.
11. One day "Workshop" on "Purchase through Govt. e-marketplace (GeM)" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi, May 22, 2019.
12. One day "Training Program" on "Interaction on Designing Hands-on Training & Experiential Learning" Funded by IDP/NAHEP, ICAR, New Delhi, April 18, 2019.
13. One day "Workshop" on "Good Governance" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi, February 01, 2019.
14. One day "Training Program" on "Motivation and Confidence Building" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi, October 6, 2018.
15. One day "Training Program" on "Road Safety" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi, April 26, 2018.
16. One day "Workshop" on "Career Opportunities in IAF" Funded by Indian Airforce, March 16, 2018.
17. One day "Training Program" on "Fullbright-Nehru Fellowship" Funded by Fullbright Commission, New Delhi, February 02, 2018.
18. One week "Workshop" on "Induction Program" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi from January 01-06, 2018.
19. Two days "Training Program" on "Personality Development" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi from November 15-16, 2017.
20. One day "workshop" on "Induction Program" Funded by Technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi, August 01, 2017.
21. One week "Short-Term Course" on "Innovative Approach towards Green and Sustainable Buildings" sponsored by N.I.T.T.T.R. Chandigarh from March, 20 -24, 2017.
22. Two weeks "Training Program" on "Total Station & DGPS" Funded by technical Education Quality Improvement Programme (TEQIP)-Phase II, New Delhi from December 26, 2016 to January 07, 2017.
23. National Seminar "Economic Architectural Designs: Challenges and Options" with Architectural Engineering Division Board of the Institution of Engineers (India), November 3-4, 2012.
24. Two weeks "Short Term Course" on "Disaster Management and Sustainable Development" sponsored by N.I.T.T.T.R. Chandigarh from August, 21 to September 3, 2012.
25. One week "Short Term Course" on "Disaster Management" sponsored by N.I.T.T.T.R. Chandigarh from December 12-16, 2011.
26. All India Seminar on "Emerging and Sustainable Techniques in Civil Engineering" at Udaipur in collaboration of Institution of Engineers (India), Udaipur, October 18-19, 2010.
27. One week "Short Term Course" on "Earthquake Risk Management for Rural and Urban Housing" sponsored by N.I.T.T.T.R. Chandigarh from August, 25 to 29 2008.

EXTENSION TASKS AT NATIONAL LEVEL

1. Member in the committee for "Explore Possibilities of Parking Spaces around Fatehsagar Lake, Udaipur" Appointed by District Collector, Udaipur, Rajasthan.
2. Member in the design committee for "Beautification of Ayad River, Udaipur" Appointed by District Collector, Udaipur, Rajasthan.

3. Member in the committee for "Quality Checking of Roads, Udaipur" Appointed by Additional District Collector, Udaipur, Rajasthan.
4. Special Invitee, Committee of Courses, Civil Engineering Department, Malaviya National Institute of Technology, Jaipur, India (2015-2016).

AWARDS

1. Appreciation Certificate by Maharana Pratap University of Agriculture and Technology for outstanding services in the University on 15th August 2018.
2. Appreciation Certificate by Maharana Pratap University of Agriculture and Technology for outstanding services in the University on 15th August 2018.
3. Appreciation Certificate by Maharana Pratap University of Agriculture and Technology for outstanding services in the University on 15th August 2023.
4. Appreciation Certificate by Maharana Pratap University of Agriculture and Technology for outstanding achievements in the University on 26th January 2024.

MEMBERSHIP OF PROFESSIONAL BODIES

1. Institute of Engineering's (India)
2. India Concrete Institute, Chennai (India)
3. Asian Concrete Federation
4. Indian Society of Agriculture Engineers (ISAE)

COURSES/SEMINARS ATTENDED

Attended more than 70 Training Programs/workshops (Annexure CV-5)

Papers published for publication in International SCI/SCIE Journals:	66
Papers published in refereed Journals:	25
Papers published in refereed Conferences:	36
Books:	15

Published/Accepted for Publication in Journals

1. Jain, R., Panwar, N. L., Agarwal, C., & **Gupta, T.** (2025). A comprehensive review on unleashing the power of hydrogen: Revolutionizing energy systems for a sustainable future. *Environmental Science and Pollution Research*, 32(22), 13329-13359.
2. Suryawanshi, S. L., Singh, P. K., Kothari, M., Singh, M., Yadav, K. K., & **Gupta, T.** (2025). Assessment of groundwater potential zones for hard rock area of sabi river basin using an integrated approach of remote sensing, GIS and AHP techniques. *Physics and Chemistry of the Earth, Parts A/B/C*, 137, 103820.
3. Divyangkumar, N., Panwar, N. L., Agrawal, C., **Gupta, T.**, Meena, G. L., & Singh, M. (2024). Cradle-to-gate analyses of biochar produced from agricultural crop residues by vacuum pyrolysis. *Clean Energy*, 8(6), 1-15.
4. Patel, M. R., Panwar, N. L., Agrawal, C., **Gupta, T.**, Meena, K. K., & Meena, S. S. (2024). Design, development, and optimization of sustainable Pyrolyzer for biochar production from agricultural crop residue. *Bio Energy Research*, 17(4), 2345-2361.
5. Lanjekar, P. R., Panwar, N. L., Agrawal, C., **Gupta, T.**, Meena, K. K., Meena, G. L., & Meena, S. S. (2024). A review on environmental assessment of thermochemical conversion technologies for energy generation from crop residue. *Earth Energy Science*.
6. Chouhan, M. K., Meena, N., Agrawal, J., & **Gupta, T.** (2024). Enhancing Durability of Concrete and Mortar with Ceramic Waste: A Comprehensive Review. *Journal of Scientific Research and Reports*, 30(8), 485-502.
7. Achpal, C., Shekhawat, R., & **Gupta, T.** (2024). Progressive Collapse and Post Impact Damage Assessment in a Regular Beam-Slab Building & Flat-Slab Building on the Intermediate Floor. *Journal of Scientific Research and Reports*, 30(8), 46-65.
8. Jain, R., Panwar, N. L., Jain, S. K., **Gupta, T.**, Agarwal, C., & Meena, S. S. (2024). Bio-hydrogen production through dark fermentation: an overview *Biomass Conversion and Biorefinery*, 14(12), 12699-12724.
9. Singh, R., Sekhawat, R. S., & **Gupta, T.** (2024). Seismic response of RCC buildings on hill slopes with step back and step back-set back configuration. *Journal of Scientific Research and Reports*, 30(3), 259-274.
10. Jain, R., Panwar, N. L., Agarwal, C., & **Gupta, T.** (2024). A comprehensive review

on unleashing the power of hydrogen: revolutionizing energy systems for a sustainable future. *Environmental Science and Pollution Research*, 1-31.

11. Kumawat, K., **Gupta, T.**, Shekhawat, R. S., & Agrawal, Y. (2024). Seismic Response of Stiffness Irregularity at Ground Floor with and without Shear Walls. *Journal of Scientific Research and Reports*, 30(1), 12-24.
12. Agrawal, Y., **Gupta, T.**, & Sharma, R. K. (2024). Effect of compaction technique on single used polythene bag waste concrete paver blocks: mechanical and durability performance. *Journal of Material Cycles and Waste Management*, 26(1), 184-196.
13. Suryawanshi, S. L., Singh, P. K., Kothari, M., Singh, M., Yadav, K. K., & **Gupta, T.** (2023). Spatial and decision-making approaches for identifying groundwater potential zones: a review. *Environmental Earth Sciences*, 82(20), 463.
14. Pawar, A., Panwar, N. L., Jain, S., Jain, N. K., & **Gupta, T.** (2023). Thermal degradation of coconut husk waste biomass under non-isothermal condition. *Biomass Conversion and Biorefinery*, 13(9), 7613-7622.
15. Agrawal, Y., **Gupta, T.**, Siddique, S., & Sharma, R. K. (2023). Performance evaluation of dolomite production waste in development of sustainable concrete: hardened properties and ecological assessment. *Journal of Material Cycles and Waste Management*, 25(1), 518-534.
16. Thakare, A. A., Singh, A., **Gupta, T.**, & Chaudhary, S. (2023). Effect of size variation of fibre-shaped waste tyre rubber as fine aggregate on the ductility of self-compacting concrete. *Environmental Science and Pollution Research*, 1-21.
17. Jain, R., Panwar, N. L., Jain, S. K., **Gupta, T.**, Agarwal, C., & Meena, S. S. (2022). Bio-hydrogen production through dark fermentation: an overview. *Biomass Conversion and Biorefinery*, 1-26.
18. Thakare, A.A., Siddique, S., Singh, A., **Gupta, T.**, & Chaudhary, S. (2022). Effect of rubber fiber size fraction on static and impact behaviour of self-compacting concrete. *Advances in Concrete Construction*, 13(6), 433-450.
19. Saxena, R., **Gupta, T.**, Sharma, R. K., & Siddique, S. (2022). Mechanical, durability and microstructural assessment of geopolymer concrete incorporating fine granite waste powder. *Journal of Material Cycles and Waste Management*, 1-17.
20. Agrawal, Y., & **Gupta, T.** (2022). Examining the effect of the particle modification on zinc tailing waste as a cementitious material in concrete: performance and toxicity assessment. *Journal of Material Cycles and Waste Management*, 24(3), 1156-1171.
21. Agrawal, Y., **Gupta, T.**, & Chaudhary, S. (2022). Effect of mechanically treated and untreated zinc tailing waste as cement substitute in concrete production: an experimental and statistical analysis. *Environmental Science and Pollution Research*, 29(19), 28598-28623.
22. Thakare, A. A., **Gupta, T.**, Deewan, R., & Chaudhary, S. (2022). Micro and macro-structural properties of waste tyre rubber fibre-reinforced bacterial self-healing

mortar. *Construction and Building Materials*, 322, 126459.

23. Saxena, R., & **Gupta, T.** (2022). Assessment of mechanical, durability and microstructural properties of geopolymer concrete containing ceramic tile waste. *Journal of Material Cycles and Waste Management*, 24(2), 725-742.
24. Agrawal, Y., **Gupta, T.**, Siddique, S., Sharma, R. K., & Panwar, N. L. (2022). Environmental assessment, microstructural behaviour, stress-strain characteristics, and effect of exposure to extreme temperature on sustainable concrete made with dolomite mining residues. *Environmental Science and Pollution Research*, 1-24.
25. Agrawal, Y., **Gupta, T.**, & Varma, M. (2022). Assessment of mechanical and durability performance of ternary blended permeable concrete containing mechanical treated granite processing sludge waste. *Innovative Infrastructure Solutions*, 7(1), 1-9.
26. Gupta, S., Singh, D., **Gupta, T.**, & Chaudhary, S. (2022). Effect of limestone calcined clay cement (LC 3) on the fire safety of concrete structures. *Computers and Concrete*, 29(4), 263-278.
27. Agrawal, Y., Varma, M., **Gupta, T.**, & Sharma, R. K. (2022). Development of Eco-Friendly Pervious Concrete Utilizing Granite Cutting Sludge Waste. In *Smart Technologies for Energy, Environment and Sustainable Development, Vol 1* (pp. 309-320). Springer, Singapore.
28. Agrawal, Y., **Gupta, T.**, & Sharma, R. K. (2022). Strength and durability assessment of concrete containing dolomite quarry waste as fine aggregate. *Journal of Material Cycles and Waste Management*, 24(1), 268-286.
29. Saxena, R., **Gupta, T.**, Sharma, R. K., & Yadav, S. (2022). Influence of Incorporating Industrial Byproducts/Wastes on Mechanical Properties and Durability Characteristics of Self-Consolidating Concrete: A Review. *Recent Trends in Industrial and Production Engineering*, 185-196.
30. Agrawal, Y., **Gupta, T.**, Siddique, S., & Sharma, R. K. (2021). Potential of dolomite industrial waste as construction material: a review. *Innovative Infrastructure Solutions*, 6(4), 1-15.
31. Saxena, R., **Gupta, T.**, Sharma, R. K., & Panwar, N. L. (2021). Influence of granite waste on mechanical and durability properties of fly ash-based geopolymer concrete. *Environment, Development and Sustainability*, 23(12), 17810-17834.
32. Siddique, S., Jang, J. G., & **Gupta, T.** (2021). Developing marble slurry as supplementary cementitious material through calcination: Strength and microstructure study. *Construction and Building Materials*, 293, 123474.
33. Salvi, D., **Gupta, T.**, & Sharma, R. K. (2021). A Review on Hardened Properties of Eco-Friendly Concrete Containing Ceramic Waste Powder. *Journal of Scientific Research and Reports*, 87-103.
34. Pawar, A., Panwar, N. L., Jain, S., Jain, N. K., & **Gupta, T.** (2021). Thermal degradation of coconut husk waste biomass under non-isothermal condition.

35. Agrawal, Y., **Gupta, T.**, Sharma, R., Panwar, N. L., & Siddique, S. (2021). A Comprehensive Review on the Performance of Structural Lightweight Aggregate Concrete for Sustainable Construction. *Construction Materials*, 1(1), 39-62.
36. Siddique, S., **Gupta, T.**, Thakare, A. A., Gupta, V., & Chaudhary, S. (2021). Acid resistance of fine bone china ceramic aggregate concrete. *European Journal of Environmental and Civil Engineering*, 25(7), 1219-1232.
37. Sharma, D., Agrawal, Y., **Gupta, T.**, & Sharma, R. (2021). A Review of the Hardened Properties of Eco-Friendly Concrete Containing Ground Granulated Blast-furnace Slag. *Journal of Scientific Research and Reports*, 37-49.
38. Kanyal, K. S., Agrawal, Y., & **Gupta, T.** (2021). Properties of Sustainable Concrete Containing Red Mud: A Review. *Journal of Scientific Research and Reports*, 15-26.
39. **Gupta, T.**, Siddique, S., Sharma, R. K., & Chaudhary, S. (2021). Investigating mechanical properties and durability of concrete containing recycled rubber ash and fibers. *Journal of Material Cycles and Waste Management*, 23(3), 1048-1057.
40. Saxena, R., **Gupta, T.**, Sharma, R. K., & Panwar, N. L. (2021). Influence of granite waste on mechanical and durability properties of fly ash-based geopolymer concrete. *Environment, Development and Sustainability*, 1-25.
41. Agrawal, Y., Siddique, S., Sharma, R. K., & **Gupta, T.** (2021). Valorization of granite production dust in development of rich and lean cement mortar. *Journal of Material Cycles and Waste Management*, 23(2), 686-698.
42. Jain, A., Siddique, S., **Gupta, T.**, Jain, S., Sharma, R. K., & Chaudhary, S. (2021). Evaluation of concrete containing waste plastic shredded fibers: Ductility properties. *Structural Concrete*, 22(1), 566-575.
43. **Gupta, T.**, Siddique, S., Sharma, R. K., & Chaudhary, S. (2020) Effect of aggressive environment on durability of concrete containing fibrous rubber shreds and silica fume. *Structural Concrete*, DOI: 10.1002/suco.202000043, 1-13.
44. Jain, A., Siddique, S., **Gupta, T.**, Jain, S., Sharma, R. K., & Chaudhary, S. (2020). Evaluation of Concrete Containing Waste Plastic Shredded Fibers: Durability Properties. *Structural Concrete*, DOI: 10.1002/suco.201900512, 1-10.
45. Saxena, R., **Gupta, T.**, Sharma, R.K., Chaudhary, S., Jain, A. (2020). Assessment of Mechanical and Durability Properties of Concrete Containing PET Waste. *Scientia Iranica*, 27(1), 1-9 (I.F. 0.71).
46. Jain, A., Siddique, S., **Gupta, T.**, Sharma, R. K., & Chaudhary, S. (2020). Utilization of shredded waste plastic bags to improve impact and abrasion resistance of concrete. *Environment, Development and Sustainability*, 22(1), 337-362 (I.F. 1.67)
47. Rebari, M., Agrawal, Y., **Gupta, T.**, & Sharma, R. (2021) Mechanical Properties of Sustainable Concrete Containing Sugarcane Bagasse Ash: A Review. *International*

48. Baruah, R., Saxena, R., **Gupta, T.**, & Sharma, R. (2021) A Review of the Hardened Properties of Eco-Friendly Concrete Containing Rice Husk Ash. *International Research Journal of Engineering and Technology*, 7(11), 229-242.
49. **Gupta, T.**, Patel, K.A., Siddique, S., Sharma, R. K., & Chaudhary. S. (2019) Prediction of Mechanical Properties of Rubberised Concrete Exposed to Elevated Temperature Using ANN. *Measurement*, 147, 283-291.(I.F. 2.79)
50. **Gupta, T.**, Kothari, S., Siddique, S., Sharma, R. K., & Chaudhary. S. (2019) Influence of stone processing dust on mechanical, durability and sustainability of concrete. *Construction and Building Materials*, 223, 918-927.(I.F. 4.04)
51. **Gupta, T.**, Siddique, S., Sharma, R. K., & Chaudhary. S. (2019) Behaviour of waste rubber powder and hybrid rubber concrete in aggressive environment. *Construction and Building Materials*, 217, 283-291.(I.F. 4.04)
52. Siddique, S., **Gupta, T.**, Thakarae, A. A., Gupta V., & Chaudhary, S. (2019) Acid resistance of fine bone china ceramic aggregate concrete. *European Journal of Environmental and Civil Engineering*, DOI: 10.1080/19648189.2019.1572543. (I.F. 1.87)
53. Siddique, S., Chaudhary, S., Shrivastava, S., & **Gupta, T.** (2019). Sustainable utilisation of ceramic waste in concrete: Exposure to adverse conditions. *Journal of Cleaner Production*, 210, 246-255.(I.F. 6.39)
54. Jain, A., Siddique, S., **Gupta, T.**, Jain, S., Sharma, R. K., & Chaudhary, S. (2019). Fresh, Strength, Durability and Microstructural Properties of Shredded Waste Plastic Concrete. *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, 43(S1), 455-465.(I.F. 0.80)
55. Sharma G., Sharma, R. K. & **Gupta, T.**, (2019). "Granite slurry for partial cement replacement in concrete". *International Journal of Engineering Science & Invention*, 8(3), 1-7.
56. Parmar H.S., **Gupta, T.**, & Sharma, R. K. (2019). "A critical review on mitigation of alkali-silica aggregate reaction in concrete". *International Journal of Engineering Science Invention*, 8(2), 34-40.
57. **Gupta, T.**, Siddique, S., Sharma, R. K., & Chaudhary, S. (2018). Lateral force microscopic examination of calcium silicate hydrate in rubber ash concrete. *Construction and Building Materials*, 179, 461-467.(I.F. 4.04)
58. Saxena, R., Siddique, S., **Gupta, T.**, Sharma, R. K., & Chaudhary, S. (2018). "Impact resistance and energy absorption capacity of concrete containing plastic waste". *Construction and Building Materials*, 176, 415-421. (I.F. 3.49)
59. Siddique, S., Shrivastava, S., Chaudhary, S., & **Gupta, T.** (2018). Strength and impact resistance properties of concrete containing fine bone china ceramic aggregate. *Construction and Building Materials*, 169, 289-298. (I.F. 4.04)

60. Rajawat, D., Siddique, S., Shrivastava, S., Chaudhary, S., and **Gupta, T.** (2018). "Influence of fine ceramic aggregates on the residual properties of concrete subjected to elevated temperature" *Fire and Materials*, 42(7),834-842. (I.F. 1.17)
61. Agrawal V., **Gupta, T.**, & Sharma, R. K. (2018). "Performance Based Analysis of Structures Using Non-Linear Static Pushover Analysis". International Refereed Journal of Engineering and Science, 7(6), 14-22.
62. **Gupta, T.**, Tiwari, A., Siddique, S., Sharma, R. K., and Chaudhary, S. (2017). "Response assessment under dynamic loading and microstructural investigations of rubberized concrete." *Journal of Materials in Civil Engineering*, ASCE. 29(8), 04017062. (I.F. 1.76)
63. **Gupta, T.**,Siddique, S., Sharma, R. K., and Chaudhary, S.(2017). "Effect of elevated temperature and cooling regimes on mechanical and durability properties of rubberized concrete." *Construction and Building Materials*, 137, 35-45. (I.F. 3.49)
64. Chouhan, D.S., Agrawal, Y., **Gupta, T.** and Sharma, R.K. (2017). "Utilization of Granite Slurry Waste in Concrete: A Review". *Indian Journal of Science and Technology*, 8(1), 1-9.
65. Agrawal Y., Saxsena, R., **Gupta, T.**, & Sharma, R. K. (2017). "Sustainable Structures for Smart Cities and its Performance Evaluation". International Research Journal of Engineering and Technology, 4(6), 3095-3106.
66. Veerwal H.K., **Gupta, T.**, & Sharma, R. K. (2017). "Utilization of natural fiber in concrete - A review". International Journal of Advance Engineering and Research Development, 4(9), 249-261.
67. Patodiya, B., **Gupta, T.**, & Sharma, R. K. (2017). "Effective utilization of high volume of fly ash in sustainable construction". International Multidisciplinary E-Journal, 6(1), 22-36.
68. Yadav, R., **Gupta, T.** and Sharma, R. K. (2017). "Performance Levels of RC Structures by Non-Linear Pushover Analysis", International Journal of Engineering Research and Applications, 7 (4), 1-8.
69. Jain, M., **Gupta, T.** Sharma, R. K. (2017). "Concrete Filled Column in High Rise Buildings: A Review", International Journal of Science and Research (IJSR), 6 (3), 2274 – 2277.
70. Shrimali, A., Chauhan, D. S., **Gupta, T.**, & Sharma, R. K. (2017). "Behavior of Concrete Utilizing Recycled Aggregate–A Review". International Journal of engineering Research and Applications, 1(7), 72-79.
71. Bansal, B. K., Chouhan, D. S., **Gupta, T.**, & Sharma, R. K. (2017). Behaviour of Concrete Utilizing Metakaoline: A Review. *European Journal of Advances in Engineering and Technology*, 4(7), 549-554.
72. Choubisa N., Chouhan D.S., **Gupta, T.** and Sharma, R. K. (2017). "Improved Design of Five Storey Building Frame Using Capacity Based Design", European

73. **Gupta, T.**, Sharma, R. K., and Chaudhary, S. (2016). "Mechanical and durability properties of waste rubber fiber concrete with and without silica fume." *Journal of Cleaner Production*, 112, 702-711. (I.F. 6.39)
74. Sharma, S., **Gupta, T.**, & Sharma, R. K. (2016). Assessment of mechanical properties of concrete containing granite slurry waste, *International Journal of Engineering, Transactions B: Applications*, 29(5), 599-605.
75. **Gupta T.**, & Sharma, R.K. (2016). Service load Behavior of Cracked Reinforced Concrete and Composite Structures, *Imperial Journal of Interdisciplinary research*, 2(8), 866-870.
76. Jain, Abhishek, **Gupta, T.**, & Sharma, R.K. (2016). Measurement and Repair Techniques of Corroded Underwater Piles: An Overview, *Int. Journal of Engineering Research and Application*, 6(7/3), 19-27.
77. Kothari, S., **Gupta, T.**, & Sharma, R.K. (2016). Effective utilization of crusher dust in sustainable concrete, *Int. Journal of Engineering Research and Applications*, 6(2/2), 20-30.
78. Arora, R.P., Ameta, N.K., Singhvi, B.S., & **Gupta, T.** (2016). Economical Study on Safety of Earthen Embankments by Use of Marble Slurry, *European Journal of Advances in Engineering and Technology*, 3(3): 49-54
79. Kothari, S., **Gupta, T.**, and Sharma, R.K., (2016). Effective utilization of crusher dust in sustainable concrete. *International Journal of Engineering Research and Application*, 6(2), 20-30.
80. **Gupta, T.**, Sharma, R. K., and Chaudhary, S. (2015). "Impact resistance of concrete containing waste rubber fiber and silica fume." *International Journal of Impact Engineering*, 83, 76-87. (I.F. 3.17)
81. **Gupta, T.**, Sharma, R. K., and Chaudhary, S. (2015). "Influence of waste tyre fibers on strength, abrasion resistance and carbonation of concrete." *Scientia Iranica*, 22(4), 1481-1489. (I.F. 0.71)
82. **Gupta T.**, and Sharma R. K., (2015). Steel concrete composite structures: state of art, *International Journal of Latest research in Science and Technology*, 4(2), 149-153.
83. **Gupta, T.**, Chaudhary, S., and Sharma, R. K. (2014). "Assessment of mechanical and durability properties of concrete containing waste rubber tire as fine aggregate." *Construction and Building Materials*, 73, 562-574. (I.F. 4.04)
84. Wang G., Harsh H., Purohit S. D., and **Gupta T.** (2014). A Note on Saigo's Fractional Integral Inequalities. *Turkish Journal of Analysis and Number Theory*, 2(2), 65-69.

85. **Gupta T.**, and Sharma, R. K., (2013) “Analysis of Industrial Sheds using Different Design Philosophies”. *International Journal of Research in Advent Technology*, 01(5), 434-443.
86. Pareek, A, **Gupta T.**, and Sharma, R. K., (2012) “Performance of Polymer Modified Bitumen for Flexible Pavements”. *“International Journal of Structural and Civil Engineering Research”*, 01(1), 77-86.
87. **Gupta T.**, and Sharma, R. K., (2011) “Structural Analysis and Design of Buildings Using Neural Network: A Review”. *“International Journal of Engineering and Management Sciences”*, 02(4), 216-220.
88. **Gupta, T.**, Mishra, A. and Sharma, R.K., (2010) “Effect of Bending Moment and Torsion in T-Beam Skew Bridge Decks”. *The Bridge and Structural Engineer*, Indian National Group of IABSE, 40(4), 11-17.
89. Deopare A.P., **Gupta, T.** and Sharma, R.K (2010). “Effect of Sequence of Construction in a Tall Building: A Review”, *International Journal of Earth Science & Engineering*, Cafet-Innova Technical Society, India, 03 (02 SPL), 31-39.
90. Bansal, A. K.; Mitra, A.; Arora, R.P.; **Gupta T.**; Singhvi, B.S.M. (2007). “Biological Treatment of Domestic Wastewater for Aquaculture” *ARPJ Journal of Agriculture and Biological Science*, 2(1), 6-12
91. **Gupta T.**, Misra A., (2007) “Effect of Support Reactions on T-Beam Skew Bridge Decks” *ARPJ Journal of Engineering and Applied Sciences*, 2(1), 1-8.

Conference Proceedings

1. Saxena R. and **Gupta T.** “Utilization of industrial wastes/ by-products in sustainable geopolymer concrete: A review” in Two Days International Conference on “Recent Challenges and Opportunities in Engineering” held on 13th – 14th March, 2021 at College of Technology and Engineering (CTAE), Udaipur, India.
2. Saxena R., **Gupta T.**, Sharma R.K. and Yadav S. “Influence of incorporating industrial byproducts/wastes on mechanical properties and durability characteristics of self consolidating concrete: A review” in 3rd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2021) held on 11th – 13th February, 2021 at G.L. Bajaj Institute of Technology and Management, Greater Noida, India.
3. Agrawal Y., and **Gupta T.** “Hybrid fibre concrete: a review towards sustainable development” in International Conference on “Recent Advancement in Civil and Mechanical Engineering” held on 30-31, December, 2020 at Sri Shakthi Institute of Technology and Engineering, Coimbatore, Tamilnadu. India
4. Saxena R. and **Gupta T.** “Effect of utilizing ceramic waste on mechanical properties and durability properties: A review” International Conference on Recent Advances in Civil and Mechanical Engineering (ICRACM -2020), July. 16 – 17, 2020, Coimbatore, India

5. Agrawal Y., Varma M., **Gupta T.**, and Sharma R.K. "Development of Eco-friendly previous concrete utilizing granite cutting sludge waste" in International Conference on "Smart Technologies for Energy, Environment and Sustainable Development" held on 4-5, December, 2020 at GH Raison College of Engineering, Nagpur, Maharashtra, India
6. Agrawal Y., **Gupta T.**, & Joshi B. "Sustainability of concrete and structure" in International Conference on "Sustainability in Architecture, Planning, Engineering and Technology " held on 31 Jan.- 01 Feb., 2019 at Amity University, Jaipur, Rajasthan, India
7. Sharma R.K., **Gupta, T.** and Chouhan, D.S. (2019). "Potential Utilization of Granite Waste with Metakaolin Sustainable Concrete" *Proceedings of the Tenth International Structural Engineering and Construction Conference* Chicago, Illinois, United States, May 20-25, 2019, PP 11-1 to 11-6.
8. Agrawal.Y., Chouhan D.S., **Gupta, T.**, and. Sharma, R.K. (2019). "Assessment of Properties of Cement Mortar Containing Granite Waste as River Sand Substitute" *Proceeding of National Conference on Advances in Sustainable Construction Material (ASCm-2019)* organized by NIT, Warangal, March 15-16, 2019, PP 14.
9. **Gupta, T.**, Siddique, S., Sharma, R.K. and Chaudhary, S. (2019). "Residual Mechanical Properties of Rubber Fibre Concrete exposed to Elevated Temperature" *Proceeding of National Conference on Advances in Sustainable Construction Material (ASCm-2019)* organized by NIT, Warangal, March 15-16, 2019, PP 23.
10. Saxsena, R., Siddique, S., **Gupta, T.**, Sharma, R.K. and Chaudhary, S. (2019). "Utilization of PET Plastic Waste as Fine Aggregate in Concrete" *Proceeding of National Conference on Advances in Sustainable Construction Material (ASCm-2019)* organized by NIT, Warangal, March 15-16, 2019, PP. 57.
11. Chouhan D.S., **Gupta, T.**, and. Sharma, R.K. (2018). "Potential utilization of granite slurry dust as partial replacement of river sand in concrete" *Proceeding of "Problems of river sand mining and Its Alternate"* organized by Mining Engineers Association of India and College of Technology & Engineering, MPUAT, Udaipur. April 21-22, 2018, pp 42-46, ISBN-978-81-7906-731-4.
12. **Gupta, T.**, Chouhan D.S., Jain, A., Sharma, R.K., Choudhary, S., and Jain, S. (2018). "Assessment of Fresh and Hardened Properties of Concrete Containing Polythene Bag" *Proceeding of "2nd International Conference on Advances in Concrete, Structural and Geotechnical Engineering"*, organized by BITS, Pilani, Feb 26-28, 2018. pp 809-814, ISBN-978-93-8747169-6 (2018).
13. Chouhan D.S., Sharma, S., **Gupta, T.**, and. Sharma, R.K. (2018). "Compressive Strength, Flexural Strength and Workability of Granite Slurry Waste Concrete" *Proceeding of "2nd International Conference on Advances in Concrete, Structural and Geotechnical Engineering"*, organized by BITS, Pilani, Feb 26-28, 2018. pp 592-597, ISBN-978-93-8747169-6 (2018).
14. Chouhan D.S., Agrawal.Y., **Gupta, T.**, and. Sharma, R.K. (2017). "Performance of green mortar modified with granite slurry waste" *Proceeding of "National Seminar on Recent*

- Mining & Environmental issues in India*” organized by Mining Engineers Association of India and College of Technology & Engineering, MPUAT, Udaipur, July 7-9, 2017. pp 284-289. ISBN-978-81-7906-669-0.
15. Agrawal.Y., Chouhan D.S., **Gupta, T.**, and. Sharma, R.K. (2017). “Utilization of granite slurry waste in cement mortar as a green material” *Proceeding of International Conference on Sustainable Civil Engineering Practices* organized by NITTTR, Chandigarh, PEC, Chandigarh and Chitkara University, March 2-3, 2017, pp 439-445.
 16. **Gupta, T.**, Chaudhary, S. and Sharma, R.K. (2015). “Influence of waste rubber tyre particles in concrete pavement” *The 7th Asia and Pacific Young Researchers and Graduates Symposium on Innovations in Materials and Structural Engineering Practices (YRGS 2015)*, Kuala Lumpur, Malaysia, August 20-21st 2015, pp. 32-39.
 17. Upadhyay R., **Gupta, T.**, and Sharma, R.K. (2015). “Self compacting concrete with nano-silica: A Review” *National Conference on Automation and Control: make in India*, Aravali Institute of Technology, Udaipur, March 2-3rd 2015, pp. 19-23.
 18. **Gupta, T.**, and Sharma, R.K. (2013). “An innovative technique with steel-timber interaction for hybrid structures, *Proceeding of UGC National Seminar on Recent Trends in Civil Engineering*, JNUV, Jodhpur, March 23-24th 2013, 110-114, ISBN: 978-817233-924-1.
 19. **Gupta, T.**, Tripathi, B., Sharma, R.K. and Chaudhary, S. (2013). “Flexural strength, compressive strength and workability of waste rubber concrete”, “*Proceeding of International Symposium Current Challenges in Structural Engineering*” organized by MNIT, Jaipur (**YRGS2013**), Oct. 15-16, 2013, pp 320-327 ISBN: 978-93-82880-73-8.
 20. **Gupta, T.**, Sharma, R.K. and Chaudhary, S. (2013). “Utilization of waste rubber tier particles in concrete pavement” *Proceeding of 4th Nirma University International Conference on Engineering (NUiCONE 2013)*, Nov 28-30, 2013, pp. 55.
 21. Kumawat, N., **Gupta, T.** and Sharma, R.K (2012) “An Emerging Technology: Trenchless Construction”, *Proceedings of National Seminar on Economic Architectural Designs: Challenges and Options* at Udaipur Local Centre of The Institution of Engineers (India), Nov. 3-4, 2012 pp. 55-59.
 22. Sharma, R.K and **Gupta, T.** (2012) “Recent Practices for Economical Architectural Designs”, *Proceedings of National Seminar on Economic Architectural Designs: Challenges and Options* at Udaipur Local Centre of The Institution of Engineers (India) Nov. 3-4, 2012 pp. 33-35.
 23. **Gupta, T.**, and Sharma, R.K., (2011) “Challenges in Mix Design of Self-Compacting Concrete”, *Proceedings of National Seminar on Emerging Trends in Civil Engineering in Civil Engineering* at NITTR, Chandigarh, Nov. 16-17, 2011 pp. 98-103, ISBN: 978-93-82062-30-1 (2012).
 24. Maherchandani J.K., **Gupta, T.**, and Khidiya M.S. (2011) “Energy Efficiency in Cement Manufacturing & Industrial Cooling”, *Proceedings of All India Seminar on Advances in Manufacturing Technologies and Challenges of the Decade Ahead* at M.P.U.A.T. Udaipur,

June 18-19, 2010 pp. 119-123 ISBN: 978-81-7906-286-9 (2011).

25. **Gupta, T.**, and Sharma, R.K. (2010) “Application of Neural Network for Structural Analysis and Design of Buildings”, *Proceedings of National Seminar on Emerging and Sustainable Techniques in Civil Engineering* at M.P.U.A.T. Udaipur Oct 18-19, 2010 pp 95-100.
26. Agrawal S.P., Samdani, **Gupta, T.** and Singhvi, B.S.M. (2010) “Water Pollution and Controlling Measures”, *Proceedings of National Seminar on Conservation Sustainable Management & Conservation of Water Resources* at R.T.U. Kota, March 12-13, 2010, pp 97-104.
27. Sharma, R.K. and **Gupta, T.** (2010) “Lake Pollution and Controlling Strategies”, *Proceedings of National Seminar on Sustainable Management & Conservation of Water Resources* at R.T.U. Kota, March 12-13, 2010, pp 195-198.
28. Sharma, R.K. and **Gupta, T.** (2010) “Urban Lake Management”, *Proceedings of National Seminar on Conservation of Lakes and Water Resources: Management Studies* at M.P.U.A.T. Udaipur, pp 7-13, ISBN: 978-81-7906-263-0 (2011).
29. Agrawal S.P., Samdani, **Gupta, T.** and Sharma U.C. (2009) “Strategy for Improvement of Jaisamand Lake Environment”, *Proceedings of National Seminar on Energy Management* at Engineering College, Bikaner Nov 20-21, 2009, pp. 80.
30. **Gupta, T.** and Sharma, R.K. (2009) “Neural Network Modeling for Concrete Properties: A Review”, *Proceedings of National Seminar on Sustainable Concrete Infrastructure Development* at Jaipur, May 19-20, 2009, pp 233-238.
31. Singhvi, B. S. M.; Shekhawat, R. S.; Sharma, R. K.; **Gupta, T.** (2008); “Physio-Chemical Study of Ground Water Quality in Gogunda Tehsil” *Proceedings of National Seminar on Integrated Water Management and Sustainable Water Pricing* at R.T.U, Kota, Feb 8-9, 2008, pp 251-256.
32. **Gupta, T.**; Arora, R.P.; Sharma, R. K.; Singhvi, B. S. M. (2008); “Management Planning of Pichola Lake Environment” *Proceedings of National Seminar on Integrated Water Management and Sustainable Water Pricing* at R.T.U, Kota, Feb. 8-9, 2008, pp 63-68.
33. Sharma, R.K. and **Gupta, T.** (2007) “Control of Quality in Technical Education”, *Proceedings of National Seminar on Technical Education in Current Perspective* at R.T.U, Kota, Dec. 13-14, 2007, pp 85-88.
34. Singhvi, B.S.M.; Sharma, G.; **Gupta, T.**; Bansal, A.K. (2006) “Sanitary Land-filling: A Suitable Approach for management of Municipal Solid Waste of Udaipur”, *International Conference on Environment Management Practices in India*, Pacific Institute of Management, Udaipur, Rajasthan, March 4-6, 2006, pp 272-276 ISBN: 81-7906-170-1 (2007).

35. Bansal, A.K.; **Gupta, T.**; Singhvi, B.S.M. (2006) “Management Planning of Fateh Sagar Lake for Healthy Environment” International Conference on Environment Management Practices in India, Pacific Institute of Management, Udaipur, Rajasthan, March 4-6, 2006, pp 292-297, ISBN: 81-7906-170-1 (2007).
36. Misra, A.; Nagar, R.; **Gupta, T. (2003)** “Consideration in Rehabilitation of Concrete Bridges” *All India seminar on Rehabilitation of Structures* The Institute of Engineers (India), March 7-8, 2003, pp. 62-69

Books

1. “Engineering Mechanics”, **Gupta T.**, Himanshu Publication, Udaipur.
2. “Strength of Materials and Mechanics of Structures-I” (2012). **Gupta T.** and Sharma R.K., Priya Tech Publication Publishers, Jaipur, India
3. “A Practical Lab Manual on Engineering Mechanics”, Department of Civil Engineering, CTAE, MPUAT, Udaipur.
4. “Concrete Technology” Sharma R.K. and **Gupta T.**, MPUAT, Udaipur, India.
5. “Economic Architectural Designs: challenges and options” Sharma R.K., **Gupta T.** and Mathur N., The Institution of Engineers (India).
6. “Emerging and Sustainable Techniques in Civil Engineering” Sharma R.K., **Gupta T.** and Shekhawat R.S.
7. Proceeding of “Innovative Approach towards Green and Sustainable Buildings” March 20-24, 2017, Editors: **Gupta T.** and Sharma R.K., Sponsored by: National Institute of Technical Teachers’ Training & Research, Chandigarh
8. Proceedings “National Building Code of India-2005”, Editors: Purohit, R.C., Gupta, T., and Mehta, A.
9. Recent Advancement in Engineering, Sept 24-25, 2020 Editors: Agrawal C, Gupta T., Agrawal R., and Jain J.K. Himanshu Publication
10. Recent Challenges and Opportunities in Engineering, march 13-14, 2021 Editors: Jain N., Maherchandani, J.K., Agrawal N. and Gupta T.
11. Practical manual “Transportation Engineering-I”, Agrawal Y., Agrawal J. and Gupta T., ISBN - 978-93-5620-609-0
12. A Lab Manual of Steel Structural Design, Agrawal Y., Agrawal J. and Gupta T., ISBN - 978-93-5627-290-3
13. A Practical Book of Public Health Engineering-II, Agrawal Y., Agrawal J. and Gupta T., ISBN - 978-93-5626-970-5
14. Quantity Surveying and Costing Lab Manual, Agrawal Y., Agrawal J., Gupta T., and Shekhawat R.S., ISBN - 978-93-5627-841-7
15. Strength of Material Practical Manual, Agrawal Y., Agrawal J. and Gupta T., ISBN - 978-93-5620-879-7

MAJOR CONSULTANCY PROJECTS

1. “Proof Checking of Major Bridge at Sirohi” June 2024, Rs. 5,00,000/-
2. “Proof Check of Major Bridge at Bengu” Oct 2023, Rs. 2,00,000/-
3. “Third Party quality Control Inspection” RIICO, Udaipur, Jan 2023 to Dec 2023, Rs. 2,50,000/-
4. “Third Party Quality Control Inspection” funded by Medical College Dungarpur, (India) (India):- Completed (June 2016 - August 2017). Amount: Rs. 10,00,000/-.
5. “Third Party Quality Control Inspection” funded by Tribal Area Development Department, Udaipur, (India):- Completed (Feb 2014 - June 2015). Amount: Rs. 2,00,000/
6. “Proof Checking of Veterinary College, Jaipur” funded by M/s B.L. Mantri & Associates (India):- Completed (Feb 2014 - June 2014). Amount: Rs. 1,50,700/-.
7. “Proof checking of Drawing & Designs for the R.N. Medical College, Udaipur” funded by M/s. Chirag Infrastructure, Mumbai, (India):- Completed (Sept. 2012-Jan. 2013). Amount: Rs. 1,00,000/-
8. “Feasibility report of EPF building, Udaipur” funded by Akanswani, Udaipur(India):- Completed (August 2014-Feb 2016). Amount: Rs. 1,10,000/-.
9. “Concrete Mix design” funded by M/s. L & T, Banswara (India):- Completed (Sept 2014-Feb 2015). Amount: Rs. 1,00,000/-.

Ph.D. Thesis Supervision**Completed**

S. N.	Name of Student	Title	Year	Role
1.	Mr. Rajat Saxsena	Assessment of Geo-polymer Concrete Incorporating Ceramic Waste and Granite Slurry	30.10.21	Major Advisor
2.	Mr. Yash Agrawal	Performance Evaluation of Sustainable Concrete Containing Mine Assessment of durability and ductile properties of zinc tailing waste in sustainable concrete	30.10.21	Major Advisor
3.	Mr. Ashish Panwar	Design and development of production system for activated biochar from biomass and its application in water purification	30.07.21	Advisor
4.	Mr. Parth Samdani	Development of an efficient solid waste management system for Chittorgarh city	10.12.21	Advisor
5.	Ms. Kalpana Jain	Development of Application Specific Machine Learning Framework for Data Centric Applications	07.06.22	Advisor
6.	Mr. Umesh Agrawal	Reliability Enhancement of Distribution Network with Distributed Generation Environment	17.09.22	Advisor
7.	Mr. Narnaware Sunil lalji	Design and Development of Bubbling Fluidized Bed Gasifier for Hydrogen-enriched Syngas from Agricultural Waste Biomass	23.11.22	Advisor
8.	Ms. Sonawane Shital Premraj	Design and Development of Harvesting Mechanism for Henna	30.11.22	DRI Nominee
9.	Ms. Jagnade Preeti Dhanraj	Design and Development of Indoor Air Purifier using Activated Biochar Derived from Agriculture Crop Residue	11.09.23	Advisor
10.	Ms. Rupal Jain	Design and Development of Two-Stage Anaerobic Dark Fermentation System for Bio-Hydrogen Production using Organic Waste	11.03.24	Advisor
11.	Sachin Suryavanshi	Sustainable Groundwater Management of Sabi River Basin using Remote Sensing and GIS	13.04.24	DRI Nominee
12.	Mr. Maga Ram Patel	Design and Development of a Portable Slow Pyrolyser for Biochar Production and Effect of Biochar on Crop Production	02.09.24	Advisor
13.	Mr. Nakum Divyangkumar Anubhai	Experimental Investigation for Biocomposites from Agricultural Crop Residues Derived Biochar	24.12.24	Advisor

14.	Mr. Lanjekar Pranay Rajendra	Development of Technology and System for Hydrogen Separation from Syngas Using Fluidized Bed Gasifier	13.01.25	Advisor
15.	Ms. Swati Jain	Unsupervised Anomaly Detection on Multivariate Time Series Stock Based Data Using Deep Learning	12.03.25	Advisor

M. Tech. Thesis Supervised**Completed**

S. No.	Name of Student	Title	Year	Role
1	Ms Nisha Kumawat	Experimental investigation of rubberized concrete in acidic environment	06.12.14	Major Advisor
2	Mr. Komal Patidar	Effect on the properties of concrete and mortar, with partial replacement of cement to rice husk ash and sand to marble dust slurry	09.02.15	Advisor
3.	Mr. Rishi Upadhayay	Development of Paver blocks utilizing waste rubber Tyre	21.09.15	Advisor
4.	Mr. Naresh Choubisa	Capacity Based Design for Multistorey Building in various Earthquake Zones	28.12.15	Advisor
5	Mr. Yash Agrawal	Utilization of Waste Granite Slurry in Cement Mortar	07.01.16	Major Advisor
6	Mr. Sachin Sharma	Behaviour of concrete utilizing granite slurry waste as partial replacement of cement	10.03.16	Advisor
7	Mr. Ronak Parikh	Performance Evaluation of Concrete Containing Granite Slurry as Fine Aggregate	25.04.16	Major Advisor
8	Mr. Shubham Kothari	Evaluating Feasibility of Crusher Dust as Fine Aggregate in Concrete	26.08.16	Major Advisor
9	Mr. Abhishek Jain	Assessment of Mechanical and Durability Properties of Concrete Containing Shredded polythene Bags	06.12.16	Major Advisor
10	Mr. Rajat Saxena	Evaluation of Properties of Concrete Containing Plastic waste	29.11.16	Major Advisor
11	Mr. Mayank Jain	Behaviour of RC Braced System in High Rise Building under Wind Loading	27.07.16	Advisor
12	Mr. Bhavesh Joshi	Evaluation of Load carrying Capacity of Skirted Foundation on Sand	28.11.16	Advisor
13	Mr. Rakesh Yadav	Study of Reinforced Concrete Intze water Tank in Different Seismic Zone	21.08.17	Major Advisor
14	Mr. Bharat Patodia	Performance Evaluation of Concrete Containing Granite Slurry Waste as Partial Replacement of Fine Aggregate with and without Silica Fume	12.10.17	Major Advisor
15	Mr. Ravindra Budania	Performance study of Various Shapes of Footing Resting Over Geo-grid Reinforced	01.04.17	Advisor

		Sand		
16	Mr. Ashish Shrimali	Evaluation of Mechanical and Durability Properties of Concrete Paving Block Containing Granite Slurry Waste	25.07.17	Advisor
17	Mr. Hitesh Kumar Veerwal	Evaluation of Mechanical and Durability Properties of Concrete Paving Blocks Containing Shredded Polythene Bags	30.11.17	Major Advisor
18	Ms. Yamini Upadhayay	Performance of Confined Circular Footing for Different Position of Geo-grid Layer Resting on Sand	05.09.18	Advisor
19	Mr. Mahendra Kothari	Effect of Plinth Beams in RC Frames under Varied Seismic Zones	22.06.19	Advisor
20	Mr. Vishal Agrawal	Variation of Response Reduction Factor of Ductile RC Frames for Different Parameter	26.06.19	Major Advisor
21	Mr. Hardik Singh Parmar	Evaluation and Assessment of Properties of Concrete Containing Shredded Plastic Waste	16.08.19	Major Advisor
22	Mr. Gaurav Sharma	Behaviour of Concrete Utilizing Processed Granite Slurry	04.10.19	Advisor
23	Mr. Digvijay Singh Chouhan	Sustainable Paver Blocks Utilizing Granite and Brick Waste as Substitution of Fine Aggregate	14.11.19	Advisor
24	Mr. Budiga Rakesh	Assessment of Coal Through Analysis of Various Properties of Coal Sample and Prognosis of Calorific Value by Artificial Neural Network	13.02.20	Advisor
25	Ms. Nikita Chauhan	Performance of Clayey Soil Stabilization with Coir Fibers	04.06.20	Advisor
26	Ms. Monika Lodha	Finite Element analysis of Piled raft foundation on Clay and Sand	21.10.20	Advisor
27	Mr. Virendra Singh Jharkhar	Effect of Bagasse Ash on the properties of the Expansive soil	21.10.20	Advisor
28	Ms. Rajashree Baruah	Seismic Behavior of Irregular Shaped RCC Building	27.03.21	Major Advisor
29	Mr. Mukesh Rebari	Evaluation of Properties of Self Compacting Concrete Containing Sugarcane Bagasse Ash	12.04.21	Major Advisor
30	Mr. Abhijat Vikram Singh	Expansive Soil Stabilization by Alkali Activated Fly Ash	12.04.21	Advisor
31	Mr. Sidharth Dhabhai	Optimized Concrete Paver Blocks Utilizing Micro Silica as a Partial Replacement of Cement	19.02.21	Advisor

32	Mr. Jeevan Kumawat	Effect on Rheological Properties of Concrete Using Manufactured sand	05.03.21	Advisor
33	Mr. Imran Hussain	Utilization of Plastic Waste Material to Stimulate Soil Stabilization	12.04.21	Advisor
34	Mr. Rajat Paliwal	Comparative Seismic Analysis of Reinforced Concrete Multistorey Building	29.07.21	Advisor
35	Mr. Krishna Singh Kanyal	Evaluation of Properties of Bamboo reinforced Concrete Containing Bentonite as Partially Replacement of Cement	30.10.21	Major Advisor
36	Mr. Dheeraj Sharma	Evaluation of Properties of Hollow Kerb Stone Containing Construction & Demolition Waste	30.10.21	Major Advisor
37	Mr. Akash Solanki	Micro Silica Modified Engineered Cementitious Material for Concrete	30.08.22	Advisor
38	Mohd Tosif Chhipa	Sustainable Utilization of Jaisalmer Stone Slurry Waste as a Partial Replacement of Cement in Concrete	12.10.22	Major Advisor
39	Mr. Koshish Rathore	Experimental Study of Use of Steel Fiber and Silica-fume in High Strength Concrete	05.11.22	Advisor
40	Mr. Deepak Salvi	Utilization of Ceramic Waste Powder in Concrete as Partial Replacement of Cement	19.12.22	Major Advisor
41	Mr. Kuldeep Megwal	Behaviour of RC Beam Strengthening with GFRP and CFRP using ANSYS	24.02.23	Advisor
42	Mr. Amit Agrawal	Experimental Study of Glass Fiber Reinforced Concrete incorporating Micro Silica	16.08.23	Advisor
43	Ms. Kirtika Kumawat	Seismic Analysis of Vertical Irregular Structures with and without Shear Walls	19.02.24	Major Advisor
44	Mr. Manoj Kumar Chouhan	Experimental Investigation of Cement Mortar Containing Cement Kiln Dust and Ceramic Waste Powder as Partial Replacement of Cement	27.09.24	Major Advisor
45	Mr. Suman Kanjilal	Study on Human Factor Analysis of Major Mining Accidents	30.09.24	Advisor
46	Mr. Chinmay Achpal	Progressive Collapse and Post Impact Damage Analysis of a Flat Slab Building	08.10.24	Advisor
47	Mr. Divyanshu Ameta	Performance Analysis of Hydraulic Breaker in the Limestone Mining – A case study	29.11.24	Advisor
48	Mr. Manjare Pranav Satish	Experimental Investigation on Utilization of Agricultural Crop Residues and Plastic	05.04.25	Advisor

		Mulching Waste for Pellets Making		
49	Mohd. Saif Sakka	Finite Element Analysis of Steel Fiber Reinforced Concrete Beam Curved in Plan	15.04.25	Advisor
50	Ms. Arpita Ojha	Effect of Kota Stone Slurry Waste in High Volume Ground Granulated Blast Furnace Slag Concrete	11.06.25	Major Advisor

COURSES/SEMINARS ATTENDED

1. Four weeks MOOCs” on “Theoretical foundation of Education Technology” organized by ICAR-NAARM, Hyderabad, June 1-30, 2021.
2. Four weeks “Online Course” on “Cooperative learning Pedagogy” organized by GHG Khalsa College of Education, Punjab, May 22-June 18, 2020.
3. One week “Online FDP” on “Recent Trends in Research and Applied Statistics” organized by Sunrise University, Alwar, June 13-19, 2020.
4. One week “Online FDP” on “Technologies for Infrastructure Planning, Design, Monitoring and Management” organized by Nalla Malla Reddy Engineering College, June 16-20, 2020.
5. E-Quiz on “Importance of Yoga during COVID-19” organized by Jagannath University, June 16, 2020.
6. Dr. K.N. Nag Memorial Lecture Series” on Role of Higher Education Institutions in Post Covid-19” organized by MPUAT, Udaipur, June 1-2, 2020.
7. One week “Online FDP” on How to Improve Quality in H.E.Is” organized by Jain Kanya Pathshala (PG) College, Muzaffarnagar, May 29-June 03, 2020.
8. Four weeks “Online Course” on “Using Open Educational Resources for Online Learning: an Introduction” organized by Commonwealth of Learning, Canada, May 15-June 12, 2020.
9. Five days “Global E-Symposium” on “Global Pandemic Outbreak: Role of Technology & Automation (GPORTA)” organized by JSS Mahavidyapeetha, Noida, June 1-5, 2020.
10. Two weeks “Online Workshop” on “Comprehensive E-learning to E-training Guide for Administrative Work” organized by University of Delhi (Sponsored by MHRD), May 25-June 05, 2020.
11. Online Quiz on “World Environment Day” organized by Oriental College of Commerce and Management, Andheri (West), June 05, 2020.
12. One week “Online FDP” on “Operation Management” organized by Meerut Inst of Tech., Meerut, May 30 – June 4, 2020.
13. One week “Online FDP” on “Evolution from Offline to Online Teaching” organized by SPDC, Thane & Microsoft, May 30 – June 3, 2020.
14. Online Quiz on “Covid-19 Online Quiz” organized by Govt. Arts and Science College, Thiruvannainallur, June 01, 2020
15. Webinar on “Different Non-Destructive Techniques for the Evaluation of Concrete Structures” organized by Wonder Cement, May 29, 2020.
16. Webinar on “Back to Basics: Health, Happiness and Peace” organized by SKIT Jaipur, May 20, 2020.
17. Webinar on “The Power of Collaboration: Research, Technology and Business” organized by SKIT Jaipur, May 19, 2020
18. Webinar on “Fly High: Innovation and Start ups” organized by SKIT Jaipur, May 18, 2020.
19. Webinar on “Industry 4.0” organized by SKIT Jaipur, May 17, 2020.

20. Webinar on “Leadership Talk” organized by MHRD, May 16, 2020.
21. Webinar on “Durability of Concrete” organized by Wonder Cement, May 16, 2020.
22. Two weeks MOOCs” on “Psychology of Learning” organized by ICAR-NAARM, Hyderabad, May 1-15, 2020.
23. Two weeks “Online FDP” on “Managing online classes and Co-creating MOOCs” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, April 20-May 06, 2020.
24. One Days “Training Workshop” on “Heritage Education Program” Funded by INTACH’s, New Delhi, Feb. 27, 2020.
25. Three Week “Summer School” on “Up-scaling of Water Productivity in Arid and Semi-arid Areas for Sustainable Agriculture” Funded by ICAR, New Delhi, Oct. 3-23, 2019.
26. One week “Short Term Course” on “Project Engineering & Management” Funded by TEQIP-III, CTAE, MPUAT Udaipur, Sep. 23-27, 2019.
27. One week “Short Term Course” on “Energy Efficient and Innovative Building Construction Practices” Funded by NITTTR Chandigarh, 10-14 Jun, 2019.
28. Two days “Workshop” on “Updation of Academic Professionalism among University Teachers” Funded by ICAR, New Delhi, May 30-31, 2019.
29. Two days “Training Workshop” on “Web-based PMS Software” Funded by NPIU, MHRD, New Delhi organized at BVB’s Sardar Patel College of Engineering, Mumbai, May 16-17, 2019.
30. Three weeks “Winter School” on “Significance of Bioactive& Supplements’ in Health Foods” Funded by Indian Council of Agriculture Research New Delhi, Jan 1-21, 2019.
31. One day “Launch-cum-Orientation program of Institutional Development Plan” Funded by NAHEP, ICAR, New Delhi, Jan. 01, 2019.
32. One week “TEQIP-III Summer Training Program on Active Learning Workshop” Funded by IIT Bombay, Jun. 04-08, 2018.
33. Two days “National Workshop & Exhibition on Problems on River Sand Mining & ITS alternates” Funded by Mining Department (MPUAT) Udaipur, 21-22 April, 2018.
34. One day “International Seminar on Design of Cantilever Sheet Pile Walls” Funded by GITS Udaipur, 16 April, 2018.
35. Two days “Workshop” on “National Building Code of India 2016” Funded by MPUAR Udaipur, 15-16, March 2018.
36. Three weeks “Winter School” on “Post Harvest Management of Dairy & Food Products” Funded by Indian Council of Agriculture Research New Delhi, 01-21 January, 2018.
37. One day “TEQIP-III Workshop” on GST Rules & Procedure” by CTAE MPUAT Udaipur 30 November, 2017.
38. Two days “Training Program” on “Skill Development & Continuous Improvement” Funded by IDP/NAHEP, ICAR, New Delhi, 10-11, August 2017.
39. Two days “Workshop” on “Transparency Through RTI & Cashless Operations” Funded by TEQIP-II (MPUAT) Udaipur, 14-15, Feb.2017.

40. Two days “National Workshop” on “Patent Drafting Filing & Processing” Funded by TEQIP- Phase-II, New Delhi, 15-16, Sep.2016.
41. Two weeks “Faculty Development Program on Entrepreneurship” Funded by Malaviya National Institute of Technology Jaipur, 20-June to 01 July, 2016.
42. One week “Short Term Training Program” on “Building Materials Characterisation & Testing” Funded by Malaviya National Institute of Technology Jaipur, 06-10, June 2016.
43. One week “Short Term Training Program” on “Building Materials Characterisation & Testing” Funded by Malaviya National Institute of Technology Jaipur, 01-05, June 2015
44. Two days “Training Program” on “Skill Development & Continuous Improvement” Funded by IDP/NAHEP, ICAR, New Delhi, 14-15, July 2014.
45. Two week “Winter School” on “Recent Trends in Power Electronics & Their Controls for Industrial Drives & Renewable Energy” Funded by AICTE, New Delhi, TEQIP Phase-II, 02-14, Dec. 2013.
46. Two days “Training Program” on “Utilization of waste Rubber Tire Particles in Concrete Pavement” Funded NIRMA University, 28-30, Nov. 2013.
47. Two days “International Seminar & Workshop” on “Knowledge Based software Engineering (KBSE-2013)” Funded by CTAE Udaipur, 12-13, Nov. 2013.
48. Two days “Asia & Pacific Young Researchers & Graduates Symposium” Funded by Malaviya National Institute of Technology Jaipur, 15-16, Oct. 2013.
49. Two days “National Workshop” on “Distributed Generation & Restructuring of Power System” Funded by (CSIR) TEQIP New Delhi, 30-31, August 2013.
50. Two Week “Faculty Development Program” Funded by Department of Electrical Engineering College (MPUAT) Udaipur, 10-22, June 2013.
51. Two days “All India Seminar on Optimal Use of Power Electronics in Modern Power System” Funded by MPUAT Udaipur, 08-09, March 2013.
52. One week “Short Term Faculty Development Program” Funded by Malaviya National Institute of Technology Jaipur, 17-22, Dec.2012.
53. Three days “Short Term Training Program” on “Natural Disaster Management” Funded by Malaviya National Institute of Technology, Jaipur, 29-31 Oct., 2012.
54. Two Week “Training Program” on “Disaster Management & Sustainable Development” Funded by MPUAT Udaipur 21 Sep. to 03 Oct, 2012.
55. One week “Training Program” on “Disaster Management Rural Development” Funded by IDP/NAHEP, ICAR, New Delhi, 12-16, 2012.
56. Three week “Training Program” on “Research Methodology & Communication Skills” Funded by Janardan Rai, Nagar Rajasthan Vidhyapeeth University Udaipur 06-27, January 2012.
57. Two days “All India Seminar ” on “Energy Efficiency In cement Manufacturing of Industrial Cooling ” Funded by IDP/NAHEP, ICAR, New Delhi, 18-19, June 2011.
58. Three days “International Conference on Emerging Trends in Networks & Computer Communication ” Funded by CTAE Udaipur, 22-24, April 2011.
59. Three week “Orientation Course” Funded by MPUAT Udaipur 29 March to 18 April 2011

60. Two days “Workshop on Quality Assurance service For Software & Web Application” Funded by CTAE Udaipur, 20-21, August 2010.
61. Two days “National workshop on e-Resources Management for Excellence” Funded by CTAE Udaipur, 20-21, July 2010.
62. One week “ Short Term Training Program” on “Structural Steel Design For Engineering College Faculty” Funded by Civil Engineering Department NIRMA University Ahmedabad, 21 to-26, 2010.
63. Two days “National Seminar” on “Lakes & Water Resources Management strategies” Funded by CTAE (MPUAT) Udaipur, 19-20, Feb 2010.
64. One week “Training Program” on “Technical Teachers Training & Research” Funded by NITTTR Chandigarh, 01-05, Feb 2010.
65. One week “Training Program” on “Disaster Management & Earthquake Risk Management For Urban & Rural Housing” Funded by Chandigarh, 07-11, Dec. 2009.
66. Two days “All India workshop on National Building Code -2005” Funded by Udaipur Local Centre, 5-6, Sep.2009.
67. One week “Training Program” on “Rural Development” Funded by Chandigarh, 25-29 August 2008.
68. Two weeks “MHRD/AICTE Summer School Program” on “Management & Mitigation of Natural Disasters” Funded by Malaviya National Institute of Technology Jaipur, 14-26, July 2008.
69. Two days “Training Program” on “Analysis Design & Construction of Structures” Funded by Indian Institute of Technology, Delhi, 21-23, Dec.2007.
70. Two weeks “Staff Development Programme” Funded by RTU UCE Kota, 18-30, June 2007.