

FACULTY PROFILE

Mr. Abhishek Devidas Chaudhari
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Department of Civil Engineering

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QUALIFICATION

- PhD Civil from Sardar Vallabhbhai National Institute of Technology (An Institute of National Importance), Surat, Gujarat (Pursuing)
- ME Civil (Specialization in Structures) from Late G. N. Sapkal College of Engineering, Nashik, Maharashtra (November 2017)
- BE Civil from Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, Nashik, Maharashtra (June 2014)

TEACHING EXPERIENCE

- Assistant Professor, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies & Research, Nashik, Maharashtra (September 2023 - Present)
- Full Time Institute Research Scholar, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat (January 2018 - August 2023)
- Assistant Professor, K. K. Wagh Institute of Engineering Education and Research, Nashik, Maharashtra (July 2016 - December 2017)
- Lecturer, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies & Research, Nashik, Maharashtra (February 2015 - April 2016)

INDUSTRY EXPERIENCE

- Technical Engineer, Akshay Engineers, Nashik, Maharashtra (June 2014 - June 2015)

RESEARCH PUBLICATIONS

1. A. D. Chaudhari, J. Mohod and S. R. Suryawanshi, "Influence of bearing length of column on performance of deep beam designed by strut-and-tie model," *Journal of Building Pathology and Rehabilitation*, vol. 9, no. 1, pp. 37
<https://doi.org/10.1007/s41024-024-00388-5> (Q2, ESCI, SCOPUS Index)
2. A. D. Chaudhari and S. R. Suryawanshi, "Development and Calibration of an Efficiency Factor Model for Recycled Aggregate Concrete Struts," *International Journal of Engineering. Transactions B: Applications*, vol. 36, no. 8, pp. 1449–1458, 2023.
<https://doi.org/10.5829/ije.2023.36.08b.05>. (Q2, ESCI, SCOPUS Index)
3. R. R. Deshmukh and A. D. Chaudhari, "Finite Element Analysis for Pull-Out Capacity of Simple and Finned Suction Pile" In *Advances in Concrete, Structural & Geotechnical Engineering Proceeding of ACSGE 2018*, BITS Pilani, India, February 2018, pp. 633-638, ISBN No.: 978-93-87471-69-6 (SCOPUS Index)
4. S. R. Suryawanshi and A. D. Chaudhari, "Comparative Seismic Response of Soft Storey Composite Columns for Building Model with and without Infill Walls" In *Advances in Concrete, Structural & Geotechnical Engineering Proceeding of ACSGE 2018*, BITS Pilani, India, February 2018, pp. 633-638, ISBN No.: 978-93-87471-69-6 (SCOPUS Index)
5. A. D. Chaudhari, P. D. Dhake, S. Pathak and V. Batul, "Seismic Appraisalment of Building with Silt Floor Using Composite Column," *Lecture Notes in Civil Engineering*, vol. 111, pp. 127–139, 2021. https://doi.org/10.1007/978-981-15-9162-4_11. (SCOPUS Index)
6. A. D. Chaudhari and S. R. Suryawanshi, "An Assessment of Efficiency Factors of Recycled Aggregate Concrete Bottle-Shaped Struts," *Lecture Notes in Civil Engineering*, vol. 222, pp. 271–277, 2022. https://doi.org/10.1007/978-981-16-8496-8_35. (SCOPUS Index)

PATENTS

1. Design Patent on "Concrete Shear-Strength Test Apparatus" (Design Accepted and Published, Journal No is 13/2023 and Journal Date is 31/03/2023)
2. Design Patent on "Timber Shear-Strength Test Apparatus" (Design Accepted and Published, Journal No is 15/2023 and Journal Date is 14/04/2023)

FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED

1. Online ACI University webinar on Concrete Consolidation in 21st century organized by American Concrete Institute on 14th February 2022
2. Online ACI University webinar on ACI-364 Condition Assessment of Concrete Structures Prior to Rehabilitation organized by American Concrete Institute on 14th February 2022

3. Online ACI University webinar on Coarse and Fine Lightweight Aggregates for Use in Concrete organized by American Concrete Institute on 27th April 2021
4. Online ACI University webinar on Concrete with Recycled Materials Using Recycled Concrete Aggregates (Part 1) organized by American Concrete Institute on 18th April 2021
5. Online ACI University webinar on Concrete with Recycled Materials Using Recycled Concrete Aggregates (Part 2) organized by American Concrete Institute on 18th April 2021
6. Online ACI University webinar on Strut-and-Tie Method for Analysis and Design of Concrete Members organized by American Concrete Institute on 17th April 2021
7. Online ACI University webinar on ACI 301-16 Specifications for Structural Concrete (Part 1) organized by American Concrete Institute on 8th April 2021
8. Online Short-Term Training Program on Advances in Earthquake Resistant Design of Structures organized by SVNIT-Surat from 18th to 22nd January 2021
9. International Webinar Series on Durability, Design and Construction Aspects of Bridges jointly organized by ICI-WUPC Ghaziabad and CSIR-CRRI New Delhi from 29th to 31st May 2020
10. Online Short-Term Training Program on Innovation and Upgradation in Infrastructure Technology organized by TEC, Navi Mumbai from 27th May to 2nd June 2020
11. Webinar on Formwork Design and Safety organized by COEP-Pune 22nd to 26th May 2020
12. Webinar on Durability of Concrete organized by Wonder Cements Limited on 16th May 2020
13. Online Course on Advanced Concrete Technology organized by ICI-Kochi from 16th May to 14th June 2020
14. Webinar on Structural Audit and Methodologies organized by RCOEM-Nagpur on 9th May 2020
15. Webinar on Achieving Sustainable Concrete through use of Mineral Admixtures jointly organized by ICI-Bangalore and JSW on 8th May 2020
16. Online Workshop on Recent Advances in Science and Technology of Concrete jointly organized by ICI-Chennai and IIT-Madras on 2nd May 2020
17. Online Course on Flyover Projects in India organized by NGSAA on 20th October 2019
18. National Workshop on Concrete Mix-Design jointly organized by ICI, Ultratech and SVNIT-Surat on 21st December 2018
19. International Workshop on INDO-US Workshop on Hazardous Materials Management jointly organized by ACHMM and Sandip University from 14th to 15th November 2018
20. National Seminar on Fibre Reinforced Soils and Their Applications-FRS 2018 jointly organized by SVNIT-Surat and IGC-Surat on 22nd September 2018
21. Short Term Training Program on FEM Simulation of Prototype Testing in ATENA 3D organized by SVNIT-Surat from 27th to 31st January 2018

22. Short Term Training Program on Modeling of Engineering Structures in FEA-Softwares organized by SVNIT-Surat from 20th to 24th November 2017
23. National Seminar on Advances in Geotechnical Engineering (AGE-2017) jointly organized by SVNIT-Surat and IGC-Surat on 4th November 2017
24. National Seminar on Understanding of IS:13920 and IS:1893 (Part-1) Revised organized by ACCE-India on 9th September 2017
25. Faculty Development Program on Foundation Program in ICT for Education organized by IIT-Bombay from 3rd August to 7th September 2017
26. Workshop on Extended Three-Dimensional Analysis of Building System (ETABS) organized by IIT-Bombay from 4th and 5th March 2017
27. Outreach Certificate Program on Geospatial Technologies for Urban Planning jointly organized by ISRO & IIRS from 11th February to 15th March 2016

FDP/WORKSHOP/WEBINAR/SEMINAR ORGANIZED

1. Online Short-Term Training Program on Advances in Special Civil Engineering Structures and Materials (ASCESM-2021) at SVNIT Surat from 09th to 13th March 2021
2. Online Short-Term Training Program on Advanced Research Topics in Geotechnical and Structural Engineering (ARTGS-2020) at SVNIT Surat from 28th November to 2nd December 2020
3. Short Term Course on Exploring Research Topics and Techniques of Technical Writings (ERTW-2019) at SVNIT Surat from 25th to 29th December 2019
4. Training Session on Introduction to BIM - REVIT at GES'sRHSCOE Nashik on 11th September 2015
5. Expert Lecture on Concrete Mix Design: Various Types at GES'sRHSCOE Nashik on 21st August 2015
6. Training Session on Review of ETABS Model for High Rise Buildings at GES'sRHSCOE Nashik on 1st August 2015
7. Expert Lecture on Standard Industrial Drawing and Drafting at GES'sRHSCOE Nashik on 25th July 2015

CONSULTANCY PROJECTS

Worked on different consultancy project under the guidance of Dr. Shiwanand R. Suryawanshi, (Research Supervisor, Associate Professor, DoCE, SVNIT Surat). The scope of the work is as mentioned below and detailed list of projects is attached in Annexure-I.

- Online Short-Term Training Program on Advances in Special Civil Engineering Structures and Materials (ASCESM-2021) at SVNIT Surat from 09th to 13th March 2021
- Structural audit of buildings, industrial structures etc. and suggesting rehabilitation/retrofitting/ strengthening measures.

- Design proof checking and vetting of drawings for steel and concrete structures like buildings, bridges, water tanks, oil tanks, culverts, etc.
- Analysis and design of special structures.
- Assessment of fire damaged structures.
- Non-destructive testing (Rebound Hammer Test, Ultrasonic Pulse Velocity Test, Core Test).
- Mechanical and physical properties like density, dimension, tensile and compressive strength, bend and re-bend and percentage of elongation of steel specimen (HYSD & MS) and wood.
- Concrete mix design with reference to IS codes.

ACHIEVEMENTS

1. Memberships

- Chartered Engineer and Associate Member, Institution of Engineers, India, (AM1958685)
- Life Member, Indian Institution of Bridge Engineers, India (LM-6570)
- Life Member, Institute of Engineering Research and Publication, India (PM-1275561)
- Life Member, International Association of Engineers, Hong Kong (LM-239397)
- Life Member, Teaching and Education Research Association, Eurasia (TERA-M19861)
- Life Member, Asia Society of Researcher, Hong Kong (R219092921)
- Life Member, South Asia Institute of Science and Engineering, Hong Kong (20200428001)
- Life Member, Science and Engineering Institute, Singapore (20200429002)
- Associate Member, American Society of Civil Engineering, United States (AM-11385177)
- Associate Member, Institute of Research Engineers and Doctors, New York (101000593903)

2. Expert Lectures Delivered

- “Career Options After Civil Engineering” in Gokhale Education Society’s R. H. Sapat College of Engineering, Management Studies and Research, Nashik, Maharashtra on 29th September, 2020.
- “Scope and Career Opportunities in Civil Engineering” in Gokhale Education Society’s R. H. Sapat College of Engineering, Management Studies and Research, Nashik, Maharashtra on 22nd May 2021.
- “Project Management” in Sir Dr. M. S. Gosavi Polytechnic Institute, Nashik on 16th February 2022.

3. Committee Member in Conferences

- Organizing Committee Member, International Conference on Renewable Energy and Green Technology (ICREGT-2020) held in October 2020.
- Scientific Committee Member, International Conference on Civil Engineering, Architecture and Sustainable Infrastructure (ICCEASI-21) held in September 2021.
- Scientific Committee Member, International Conference on Research and Innovation in Science, Technology and Management (ICRISTM-22) held in January 2022.
- Scientific Committee Member, International Conference on Communication, Computing and Industrial Engineering (ICCCIE-22) held in April 2022.
- Advisory Committee Member, 41st World Conference on Applied Science, Engineering & Technology (WCASET 2022) held in August 2022.

4. Reviewer in Refereed Journals

- MDPI Energies Journal (SCI Indexed)
- MDPI Processes Journal (SCI Indexed)
- Journal of Advances in Science, Technology and Engineering Systems (SCOPUS Indexed)

5. Editor in Refereed Journals

- Futuristic Trends in Construction Materials & Civil Engineering, vol. 3, no. 4, Print-ISBN: 978-93-6252-426-3

6. Guest Editor in Refereed Journals

- Special Issue on Application and Development of Sustainable Building Materials
- Special Issue on Advances in Science, Technology and Engineering Systems

Mr. Abhishek Devidas Chaudhari

Annexure-I
List of Consultancy Projects

Sr. No.	Details of Projects
1	Client: Avon Cold Storage Pvt Ltd, Pipodara, Surat. Condition assessment of building of Avon Cold Storage Private Limited, Pipodara, Surat.
2	Client: Dy. Executive Engineer, R&B Sub Division No.2, Surat. Condition assessment survey of existing B-3 & B-4 block in campus of Ramnagar, Government Colony Rander Road, Surat.
3	Client: Principal, Kendriya Vidyalay No.3, ONGC Nagar, Surat. Structural stability audit of school building Kendriya Vidyalaya No.3, ONGC Nagar, Surat.
4	Client: Ravi Exports Ltd, Village Vareli, District-Surat. Condition assessment and remedial measures for Ravi Export Ltd. buildings located at Vareli, Palsana, District-Surat. <ol style="list-style-type: none"> 1. Ravi Export Mill Division, 2. Ravi Export Weaving Unit No. 01, 3. Ravi Export Weaving Unit No. 02.
5	Client: Satyasai Education Trust, Surat. Condition assessment of school building, <ol style="list-style-type: none"> 1. I. N. Tekrawala High School, Palanpur Patiya, Surat, 2. J. H. B. Sardar Primary School, Sugam Society, Adajan Patiya, Surat.
6	Client: Hitek Engineering Services, Mumbai (For ONGC) Vetting of all design calculation and drawing related to construction of tanks's (Evaluation, guidance and approval for construction of oil storage tanks and associated works like construction of Dyke Wall and Road).
7	Client: Shivanand Apartment (B), Adajan, Surat. Condition assessment of Shivanand Apartment (B), Adajan, Surat
8	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of 270 Staff Government Quarters, Bharuch Block No. O (12-Units), P (12-Units), Q (12-Units), R (12-Units), S (12-Units), T (12-Units), U (12-Units), V (12-Units) and W (12-Units).
9	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Nari Sarakshan Kendra, Bharuch (Ground Floor) of Bharuch (R & B) Division
10	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Tribal Staff Quarters B category and A category of Bharuch (R & B) Division
11	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Common Pool staff Quarters 42 Kali Talwadi, Bharuch C-1 (6 Unit), C-2 (6 Unit), A-1 (6 Unit) and A-2 (6 Unit) of Bharuch (R & B) Division
12	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Jilla Mahiti Kacheri, Bharuch of Bharuch (R & B) Division
13	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Jilla Udyog Kendra, Bharuch of Bharuch (R & B) Division
14	Client: Executive Engineer, Bharuch (R & B) Division, Bharuch. Condition assessment of Seva Sadan 1 and 2 of Bharuch (R & B) Division
15	Client: Shivanand Apartment (B), Adajan, Surat. Condition assessment (reinspection) for the retrofitted parts of Shivanand Apartment (B) Building, Adajan, Surat.

16	<p>Client: Executive Engineer, Drainage Department, SMC, Surat (For GIDC).</p> <p>Providing proof checking consultancy services for the work of construction of 21 lacks liter capacity Elevated Storage Reservoir (ESR) as Sachin GIDC of Drainage Department, Surat Municipal Corporation.</p>
17	<p>Client: I/c. Registrar, Veer Narmad South Gujarat University, Surat.</p> <p>Detailed site investigation and physical condition assessment of Administration Building (Including core test, rebound hammer test, visual investigation and report preparation).</p>
18	<p>Client: I/c. Registrar, Veer Narmad South Gujarat University, Surat.</p> <p>Detailed site investigation and physical condition assessment of Library Building (Including core test, rebound hammer test, visual investigation and report preparation).</p>
19	<p>Client: Executive Engineer, South Zone (Udhna), Surat.</p> <p>Condition Assessment of various school building in south zone Udhna area.</p> <ol style="list-style-type: none"> 1. Primary school no. 197 and 198, located at Miranagar, 2. Primary school no. 223 and 224, located at Saibaba Nagar, 3. Primary school no. 204 and 205, located at Vikas Colony, 4. Primary school no. 142 and 210, located at Vikas Colony.
20	<p>Client: Hariharnagar Apartment Co-Op Housing Society Ltd., Surat.</p> <p>Visual inspection and condition assessment for buildings of Hariharnagar Apartment Co. Op. Housing Society Limited, Located at Bhatar Road, L. B. Cinema, Surat</p> <ol style="list-style-type: none"> 1. Building-E, Hariharnagar Apartment Co. Op. Housing Society Limited, 2. Building-F, Hariharnagar Apartment Co. Op. Housing Society Limited, 3. Building-G, Hariharnagar Apartment Co. Op. Housing Society Limited, 4. Building-H, Hariharnagar Apartment Co. Op. Housing Society Limited.
21	<p>Client: Dy. Executive Engineer, Panchayat (R&B) Sub Division, Vyara.</p> <p>Rebound Hammer and Ultrasonic Pulse Velocity Test (Site: Construction of slab drain causeway of various roads in Vyara Taluka, District-Tapi (Total 3 road, Package No.16)</p>
22	<p>Client: Hotel Vaibhav, Vapi.</p> <p>Stability test, visual inspection and condition assessment for building of Hotel Vaibhav, opposite to Vapi Railway Station, Vapi.</p>
23	<p>Client: Chief Officer, Songadh Nagar Palika, At & Post-Songadh, District-Tapi.</p> <p>Condition assessment of bridge near bazar area of Songadh Nagar Palik, Songadh, Tapi.</p>
24	<p>Client: Director, Tristar Hospital, Athwagate, Surat.</p> <p>Structural condition assessment for the fire damage hospital building of Tristar Hospital, Athwagate, Surat.</p>
25	<p>Client: Sumilon (SAJ Industries Private Limited, Delhi Gate, Surat.</p> <p>To check the remedial measures suggested by client civil consultants for Retrofitting of Underground Water Tank located at 25 km near Gandhidham in Kutchh District.</p>
26	<p>Client: Rajhans Infracon (I) Pvt Ltd, Surat.</p> <p>Approval for design of Culvert over mini khadi at Rajhans Zesto at Village Vesma, District-Navsari.</p>
27	<p>Client: Chief Officer, Umargam Nagar Seva Sadan, At & Post Umargam, Umargam, District-Valsad.</p> <p>Consultancy service regarding condition assessment of Welcome Gate at Umargam Sanjan Road.</p>
28	<p>Client: Chief Officer, Amod Nagarpalika, District-Bharuch.</p> <p>Carryout the condition assessment of Nagarpalika Amod Building (Load Bearing structure).</p>

29	<p>Client: Director, ICMR-NIOH, Department of Health Research Ministry of Health Family Welfare, Government of India, Meghaninagar, Ahmedabad.</p> <p>Non-destructive testing and assessment of structural stability of structure in respect of "Extension Wing Cum Animal House (Old Laboratory Building) of Indian Council of Medical Research-National Institute of Occupational Health (ICMR-NIOH), Ahmedabad.</p>
30	<p>Client: Sundaram Flat Owners Association, Sundaram Building, Surat</p> <p>Condition assessment of A-3 building (Parking + G+4) of Sundaram Flat Association, Surat.</p>
31	<p>Client: Paras Lubricants Limited.</p> <p>Condition assessment of building structure Paras Lubricants Limited building, Daman.</p>
32	<p>Client: HBM Builders and Developers.</p> <p>Visual inspection and condition assessment report for Emerald, Sapphire and Topaz Buildings of Seven Jewel Complex, Vapi.</p>
33	<p>Client: Fatima Apartment.</p> <p>Structural condition assessment of building, Vapi.</p>
34	<p>Client: Abhushan Apartment Co. Op. Service Society Ltd., Surat.</p> <p>Condition assessment and testing of Abhushan Apartment building structure, Surat.</p>
35	<p>Client: Executive Engineer, Bharuch (R & B) Division, Bharuch.</p> <p>Visual inspection and condition assessment for the Workshop building located at ITI, Zagadiya, Bharuch.</p>
36	<p>Client: Executive Engineer, Bharuch (R & B) Division, Bharuch.</p> <p>Visual inspection and condition assessment for the Hostel building located at ITI, Zagadiya, Bharuch.</p>
37	<p>Client: Lovely Park Co-Op Housing Society Ltd, Surat.</p> <p>Structural condition assessment of building of Lovely Co-op Housing Society Ltd, Ghod Dod Road, Surat.</p>
38	<p>Client: Executive Engineer, Damanganga Canal Sansodhan Division, Valsad.</p> <p>Condition Assessment of A. D. Block at Valsad (Damanganga Bhavan).</p>
39	<p>Client: Chief Officer, Bilimora Nagar Palika, Nagar Seva Sadan, Bilimora, District-Navsari.</p> <p>Condition assessment of Overhead Water Tank at located at Navjivan Colony, Bilimora</p>
40	<p>Client: Chief Officer, Bilimora Nagar Palika, Nagar Seva Sadan, Bilimora, District-Navsari.</p> <p>Condition assessment of Overhead Water tank at located at Desara located in Nagar Palika Area, Bilimora.</p>
41	<p>Client: Dy. Executive Engineer, Valsad (R & B) Sub Division, Valsad.</p> <p>Condition assessment of Jilla Seva Sadan-1 building (G+6).</p>
42	<p>Client: JPC Infratech Pvt Ltd., Lucknow (For ONGC)</p> <p>Consultancy services regarding proof checking / vetting of Fire Screen Wall (Temporary Structure) located at BPCL Hazira Depot, Surat.</p>
43	<p>Client: Dy. Executive Engineer, Ankleshwar R&B Sub Division, Ankleshwar</p> <p>Condition assessment of Workshop-1, Workshop-2, Workshop-3 and Workshop-4 Buildings located at ITI Ankaleshwar, Ankaleshwar.</p>
44	<p>Client: Block Development Officer U. T. Administration of Daman & Diu</p> <p>Visual inspection and condition assessment report for Patlara Gram Panchayat, located at Daman, UT of Daman & Diu.</p>
45	<p>Client: Dy. Executive Engineer, Office of the Dy. Executive Engineer, Surat (R&B) Sub-Division No. 1, Surat, Gujarat.</p> <p>Condition Assessment of Prakash Society Building (Block-A), Surat</p>
46	<p>Client: Dy. Executive Engineer, Office of the Dy. Executive Engineer, Surat (R&B) Sub-Division No. 1, Surat, Gujarat.</p> <p>Condition Assessment of Prakash Society Building (Block-B), Surat</p>

47	<p>Client: Dy. Executive Engineer, Office of the Dy. Executive Engineer, Surat (R&B) Sub-Division No. 1, Surat, Gujarat.</p> <p>Condition Assessment for mentioned Staff Quarter Building of Dr. S&SS Gandhi College, Surat</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Descriptions</th> <th>Nos. of Floor</th> <th>Type of Structure</th> <th>Built-up Area (m²)</th> <th>Year of Construction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block-D1</td> <td>G+2</td> <td>Load Bearing</td> <td>400.00</td> <td>1987</td> </tr> <tr> <td>2</td> <td>Block-D2</td> <td>G+2</td> <td>Load Bearing</td> <td>400.00</td> <td>1987</td> </tr> <tr> <td>3</td> <td>Block-D3</td> <td>G+2</td> <td>Load Bearing</td> <td>400.00</td> <td>1987</td> </tr> <tr> <td>4</td> <td>Cat.E (4 Units)</td> <td>G+1</td> <td>Load Bearing</td> <td>560.00</td> <td>1993</td> </tr> <tr> <td>5</td> <td>Cat.E (6 Units)</td> <td>G+2</td> <td>Load Bearing</td> <td>672.00</td> <td>1994</td> </tr> <tr> <td>6</td> <td>Block-D7</td> <td>G+2</td> <td>Load Bearing</td> <td>707.91</td> <td>1994</td> </tr> <tr> <td>7</td> <td>Block-D8</td> <td>G+2</td> <td>Load Bearing</td> <td>707.91</td> <td>1994</td> </tr> </tbody> </table>	Sr. No.	Descriptions	Nos. of Floor	Type of Structure	Built-up Area (m ²)	Year of Construction	1	Block-D1	G+2	Load Bearing	400.00	1987	2	Block-D2	G+2	Load Bearing	400.00	1987	3	Block-D3	G+2	Load Bearing	400.00	1987	4	Cat.E (4 Units)	G+1	Load Bearing	560.00	1993	5	Cat.E (6 Units)	G+2	Load Bearing	672.00	1994	6	Block-D7	G+2	Load Bearing	707.91	1994	7	Block-D8	G+2	Load Bearing	707.91	1994																																				
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48	<p>Client: Chief Officer, Amod Nagarpalika, Amod, Bharuch, 392110.</p> <p>Structural Condition Assessment of Overhead Water Tank (Capacity 3.5 lac liters and Height 15 m) of Amod Nagarpalika</p>																																																																																				
49	<p>Client: Dy. Executive Engineer, Office of the Dy. Executive Engineer, Surat (R&B) Sub-Division No. 1, Surat, Gujarat.</p> <p>Structural Condition Assessment of Staff Quarter Building located at Athwalines, Surat</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Descriptions</th> <th>Nos. of Floor</th> <th>Type of Structure</th> <th>Built-up Area (m²)</th> <th>Year of Construction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block-A, Class-II</td> <td>G+2</td> <td>Load Bearing</td> <td>515.10</td> <td>1975</td> </tr> <tr> <td>2</td> <td>Block-B, Class-II</td> <td>G+2</td> <td>Load Bearing</td> <td>515.10</td> <td>1975</td> </tr> <tr> <td>3</td> <td>Block-C, Class-III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>4</td> <td>Block-D, Class- III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>5</td> <td>Block-E, Class- III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>6</td> <td>Block-F, Class- III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>7</td> <td>Block-G, Class- III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>8</td> <td>Block-H, Class-III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>9</td> <td>Block-I, Class-III</td> <td>G+3</td> <td>RCC Structure</td> <td>1204.11</td> <td>1976</td> </tr> <tr> <td>10</td> <td>Block-J, Class-IV</td> <td>G+2</td> <td>Load Bearing</td> <td>1105.44</td> <td>1975</td> </tr> <tr> <td>11</td> <td>Block-K, Class-III</td> <td>G+2</td> <td>Load Bearing</td> <td>897.38</td> <td>1979</td> </tr> <tr> <td>12</td> <td>Block-M, Class- III</td> <td>G+2</td> <td>Load Bearing</td> <td>897.38</td> <td>1979</td> </tr> <tr> <td>13</td> <td>Block-N, Class- III</td> <td>G+2</td> <td>Load Bearing</td> <td>897.38</td> <td>1979</td> </tr> </tbody> </table>	Sr. No.	Descriptions	Nos. of Floor	Type of Structure	Built-up Area (m ²)	Year of Construction	1	Block-A, Class-II	G+2	Load Bearing	515.10	1975	2	Block-B, Class-II	G+2	Load Bearing	515.10	1975	3	Block-C, Class-III	G+3	RCC Structure	1204.11	1976	4	Block-D, Class- III	G+3	RCC Structure	1204.11	1976	5	Block-E, Class- III	G+3	RCC Structure	1204.11	1976	6	Block-F, Class- III	G+3	RCC Structure	1204.11	1976	7	Block-G, Class- III	G+3	RCC Structure	1204.11	1976	8	Block-H, Class-III	G+3	RCC Structure	1204.11	1976	9	Block-I, Class-III	G+3	RCC Structure	1204.11	1976	10	Block-J, Class-IV	G+2	Load Bearing	1105.44	1975	11	Block-K, Class-III	G+2	Load Bearing	897.38	1979	12	Block-M, Class- III	G+2	Load Bearing	897.38	1979	13	Block-N, Class- III	G+2	Load Bearing	897.38	1979
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