

RESUME

1. **Name:** Dr. MOHAN. M. MURUDI

2. **Marital Status:** Married

3. **Address for correspondence**

B-2002, Kabra Metro One building (Pratap CHSL),
Near Versova Metro station, J P road, Andheri West,
Mumbai - 400053
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Permanent Address:

C/o Shri S. M. Murudi, 69/A, Narayan peth,
P.O. Ramdurg, Dist: Belgaum, PIN: 591123

4. **Details of Present Post:**

Designation: In-charge Principal, Professor
Department: Civil Engineering
Category: Open
Department: Civil Engineering Department
Institute: Sardar Patel College of Engineering,
Munshi Nagar, Andheri (W), Mumbai 58

5. **Date of Birth:** 16th March 1965 Place of Birth: RAMDURG

6. **Field of Specialisation:** Earthquake Engineering & Structural Dynamics

7. Academic Qualification (Graduation Onwards):

Sr. No.	Degree	University/Institution	Division / Equivalent	Year of Passing	Specialisation
1.	BE	Nagpur University (VNIT, Nagpur)	Ist Division	1987	Civil Engg.
2.	ME	Univ. of Bombay (VJTI, Mumbai)	I class with Distinction	1991	Structural Engg.
3.	Ph.D	IIT Bombay		2001	Earthquake Engg.

8. Service Record:

Sr. No	Name of Organisation	Post held	Duration
1	M/S. Noble Builders, Sangli	Site Engineer.	01.07.1987 to 30-06-1989
2	MHSS COE, Mumbai	Lecturer in Construction Engg.	18.03.1991 to 28-11-1991
3	Sardar Patel College of Engineering, Mumbai	Lecturer in Structural Engg.	29.11-1991 to 27-10-1994
4	Sardar Patel College of Engineering, Mumbai	Assistant Professor in Structural Engg.	28.10.1994 to 28-10-2002
5	Sardar Patel College of Engineering, Mumbai	Professor in Structural Engg.	28-10-2002 to 22-07-2011
6	Sardar Patel College of Engineering, Mumbai	Professor & I/C Head of Structural Engineering Dept.	22-07-2011 to 13-11-2013
7	Sardar Patel College of Engineering, Mumbai	Vice-Principal, Professor & I/C Head of Structural Engineering Dept.	01-11-2012 to 13-11-2013
8	Sardar Patel College of Engineering, Mumbai	Vice-Principal, Professor & Head of Structural Engineering Dept.	13-11-2013 to March 2018
9	Sardar Patel College of Engineering, Mumbai	Vice-Principal, Professor & Head of Civil Engineering Dept.	March 2018 to till date
10	Sardar Patel College of Engineering, Mumbai	In-charge Principal, Professor & Head of Civil Engineering Dept.	13-02-2020 to 30-06-2023
11	Sardar Patel College of Engineering, Mumbai	In-charge Principal, Professor Civil Engineering Dept	01-07-2023 to till date

9. **Major administrative works handled**

- Managed academic and administrative tasks efficiently during the pandemic.
- Submitted and secured the extension of the Approval – EOA form from AICTE for all programs each academic year since 2020.
- Ensured compliance with various statutory requirements from the DTE, University of Mumbai, AICTE, UGC, and others as needed.
- Successfully conducted the NBA visit to ensure compliance and obtained extension of accreditation for the UG Civil Engineering and Mechanical Engineering programs upto 2022.
- Effectively prepared for the fourth cycle of NBA accreditation for UG Civil Engineering and Mechanical Engineering, successfully obtaining accreditation for both programs from 2022-23 to 2024-25.
- Applied for and successfully secured the extension of autonomy for the institute from 2022-23 to 2026-27.
- Effectively prepared for NBA accreditation for the PG Civil Engineering – Structural Engineering program, achieving accreditation for 2023-24 to 2025-26.
- Applied for and successfully increased the intake for PG programs in Structural Engineering and Construction Management from 18 to 24, effective from the 2024-25 academic year.
- Launched a working professional program for UG Civil and Mechanical Engineering with an intake of 30 students in each discipline.
- Carried out the reassessment of NAAC

9. **Research work:**

- Doctoral research on “Seismic Control of Structures Using Tuned Liquid Dampers”

Experience of guiding research work for students at Master’s/Doctoral level:

- Co-guided six M.E. students for their dissertation work on various topics
- Guided more than 80 M.E/M.Tech students for their dissertation work on various topics.
- Presently 4 M.Tech. Students are working under me for their dissertation work.
- Recognized as PhD guide by Mumbai University and 2 candidates have been awarded PhD degree and 4 students are pursuing of PhD programme under my supervision.
- Refer **Annexure 2** for list of students guided and topics of respective thesis.

10. **Publications:** Published 28 papers in international/national journals and conferences.
(Please refer the enclosed list of *Publications*)

11. **Expert Lectures Delivered:**

- a) Delivered expert Lecture on 'Structural Dynamics' during ISTE approved STTP Course on 'Base Isolation Techniques for Earthquake Resistant Design, held at GCOEP, Karad on 27th November, 2006.
- b) Delivered expert Lecture on 'Earthquake Engineering' during ISTE approved STTP Course on 'Earthquake Resistant Design of Structure', held at COEP, Pune, on 17th December, 2007.
- c) Delivered expert lectures on 'Bridge Design' for CPWD Engineers, Daman, April 2008.
- d) Delivered expert Lecture on 'IS1893 and IS 13920 provisions' during two days training programme on Analysis and Design of high rise Building using STAAD Pro' at SPCE on 27th March 2009.
- e) Delivered expert lectures on various topics during professional development course on 'Structural Design of Multi storied structure conducted as SPCE during July-August-2009.
- f) Delivered expert lecture on 'Seismic Retrofitting of Buildings' during professional development course on 'Structural Audit and Rehabilitation of Buildings' conducted at VJTI, March 2010.
- g) Delivered expert lecture on 'Condition Survey of Buildings' at DFI-SPR training programme on 19-11-2009.
- h) Delivered expert lecture on 'Structural Assessment and Damage Rating of Structure' at two-days workshop held at SPCE in July, 2010.
- i) Delivered expert lecture on 'Condition Survey of Building' at Dr. Fixit Institute, on 9th Dec. 2010.
- j) Delivered expert Lecture on 'Structural Dynamics' during Technologies Lecture Series, 8th April, 2011.
- k) Delivered expert lecture on Seismic Retrofitting of Structure in a Professional Development Course at K.J. Somaya Polytechnic

- l) Delivered expert Lecture on ‘Structural Dynamics’ during STTP Course on ‘Earthquake Resistant Design’, held at D.Y. Patil college of engineering, Kolhapur, in June, 2019.

12. **Industrial Experience:**

Worked as Site Engineer with M/s. Noble Builders, from 1987 to 1989. During this period I have supervised construction of water treatment plant at Tuljapur, Maharashtra State.

13. **Continuing Education Programs:**

(i) Details of summer/ winter school or other course attended:

- Attended one week short-term course on “Analysis, Design and construction of Bored and Cast in-situ Concrete Piles” organized by Cursow Wadia Institute of Technology, Pune in collaboration with G.C.O.E. Pune from 4-1-1993 to 9-1-1993.
- Attended two days CEP (Continuing Education Program) course on “Strain Gage Measurement and Instrumentation”, organized by IIT Bombay from 12-2-1993 to 13-2-1993.
- Attended two days CEP course on “Base Isolation for Earthquake Resistant Design of structures” conducted at IIT Bombay from 20-6-2000 to 21-6-2000.
- Attended three week “Teaching Object Oriented Programming and Data Structure in C++” organized by Sardar Patel College of Engineering from 26-11-2001 to 14-12-2001.
- **Attended two days Regional Discussion Workshop for Western and Southern States on National Disaster Management Policy and Guidelines- Earthquake (NDMPAG-EQ) at IIT Bombay from 28th to 29th July 2006.**
- Attended two days course on “Effective Role Execution for Institute Development Training Module T.M. 6” organized by VJTI from 4th to 5th March 2009.

(ii) Details of training undergone:

- Undergone two months vocational training at Hindustan Construction Company Limited, Mumbai (at Amarnath STP works) , from 2-6-1986 to 30-7-1986.

- Undergone six weeks vocational training at Bhagwati Associates Private Limited, Mumbai, from 13-6-1990 to 27-7-1990.
- **Undergone two weeks training program of faculty members of state resource Institutions and nominated engineers under National Program for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM) (Ministry of Home Affairs, Government of India), held at IIT, Bombay, from 4th to 16th July,2005**
- Undergone training program on “Design of Foundations in Seismic Areas- Principles and Application” conducted by PM Dimension in Mumbai from 15th to 16th December 2008.
- Undergone Lead Inspector Course (40 Hours) conducted by ICMQ Certification India Pvt Ltd, held at SPCE, Mumbai from 19th to 23rd January 2010.

(iii) Details of conferences/Seminars attended:

- Attended and presented the papers at 11th International Symposium of Earthquake Engineering held at Roorkee University (Now IIT, Roorkee) from 17th to 19th December 1998.
- Attended and presented the papers at 4th International Conference on vibration problems held at Jadhavpur University, Calcutta from 24th to 26th November 1999.
- Attended and presented the papers at 12th International Symposium of Earthquake Engineering held at IIT, Roorkee from 16th to 18th December 2002.
- Attended one day Seminar on “Earthquake Disaster in Mumbai- How prepared are We?” organized by ISET Mumbai Local Chapter on 9th September 2006.
- Attended workshop on “ IS 800 -2007 Indian Standard General Construction in Steel- Code of Practice” organized by Bureau of Indian Standards and Institute for Steel Development & Growth, at Mumbai from 17th to 18th November, 2008.
- Attended three days workshop on “Rehabilitation and Retrofitting of Structures” organized by S.P.C.E., IASTR and IASE at IIT Bombay from 28th to 30th August, 2009.

Refer Annexure 1 for latest summer / Winter School / Workshop / Conference attended.

14. Awards / Certificates:

- Received a certificate of appreciation from the Chairman-Governing Council / Principal of SPCE for excellent academic performance for the year 2006-08
- Worked as a member of Heritage Conservation Committee appointed by Government of Maharashtra for the period 2015 to 2016.
- Internal expert for RAPC at Mumbai university from 2024 till date.
- Member of Expert review panel for MCGM to review high rise building structures.

15. Membership Of Scientific And Professional Societies: -

- Life member of Indian Society for Technical Education.
- Life member of Indian Society for Non-destructive Testing
- Life member of Indian Society of Earthquake Technology.
- Life member of Indian Association for Computational Mechanics
- Life member of Indian Association for Structural Engineering
- Life member of Indian Association of Structural Rehabilitation

16. Administrative Functions:

- Executed the work of Development of Structural Dynamics Laboratory from the grant received under FIST program from DST (Rs. 50 Lakhs)
- Executed the work of Modernization of Structural Dynamics Laboratory from grant received under MODROB program from MHRD.(Rs. 13 Lakhs)
- Executed the work of Modernization of Structural Dynamics Laboratory and other structural engineering laboratories from grant received under TEQOP program from MHRD.(Rs. 1 cr)
- Actively involved in M.Tech and PhD Admission works

- Chairman of Research and Revenue Generation Committee
- Chairman of Student Welfare and Extra Curricular Activities Committee
- Member Secretary of Building and Works Committee
- Member of Academic Board
- Member of Finance Committee
- Member of Grievance Committee

17. **Testing and Consultancy Works:**

- Actively involved in material testing works (All Building material testing)
- No. of consultancy projects under taken: More than **500**
- (Proof checking of various projects referred by Govt. and private organizations like MTNL, NBCC, AAI, MJP, Stability assessment of old buildings, Strain measurements on Pre-stressed .Concrete bridge etc. Please refer to the enclosed list in **Annexure 3** of Major consultancy projects undertaken, projects undertaken after 2011 have not been updated)
- **Worked with M/s Ellora Structural Consultants and M/s. D.D.Desai's Associated Engineering Consultants and Analysts Pvt. Ltd., for various projects.**

18. **Additional remarks:**

➤ Subjects taught/teaching –

U.G. Level : Structural Analysis I & II, Theory of Reinforced Concrete and Prestressed Concrete, Design and Drawing of Concrete Structures, Electives; Advanced Structural Analysis, Structural Dynamics and Earthquake engineering

P.G. Level : Structural Dynamics, Advanced structural Mechanics, Earthquake Engineering. Special Concrete Structures, Ultimate Load Analysis and Experimental Methods in Structural Engineering.

- Coordinator for 10 days short term course on Design of Structures for CPWD Engineers from 25-04-1994 to 06-05-1994.
- Coordinator for two weeks staff development program on Improving Teaching and Training Competency held in December 2004, in collaboration with NITTR, Bhopal.
- Executed various consultancy project of technical scrutiny and stability assessment of various structures referred by organizations.
- **Setup the Structural Dynamics Laboratory and conducted experiments for B.E. and M.E. Students.**
- Reviewed the technical papers sent by Institution of Engineers, Mumbai.
- Reviewed Phd. Thesis of students from Shivaji University Kolhapur and was external examiner for the same.
- Worked as external examiner for M.Tech Dissertations of NITs, and IIT Bombay students.
- Worked as scrutiny committee member for the scrutiny of new proposals for starting new polytechnics at DTE's office
- Worked as convener of inspection committee appointed by DTE to inspect the proposed polytechnics and management Institutes in Maharashtra.
- Involved in Commercial Testing Works as a Testing Officer, which is responsible for earning revenue to Institute through Testing Works of various Building Materials.
- Visited Earthquake affected areas in Gujarat for damage surveying along with I.I.T. Team.
- Delivered expert lectures on Structural Dynamics and Earthquake Engineering at various short term courses organized by other Institutes.

Signature

(Dr. M.M. Murudi)

Place : Mumbai

PUBLICATIONS

INTERNATIONAL JOURNAL PAPERS PUBLISHED:

- 1.P. Banerji, M.M. Murudi, A.H. Shah & N. Popplewell; “Tuned liquid dampers for controlling earthquake response of structures”, International Journal of Earthquake Engineering & Structural Dynamics, 2000, 29, 587-602.
- 2.Mohan M. Murudi & Pradipta Banerji; “Multiple tuned liquid dampers for earthquake vibration control”, Journal of Advances in Vibration Engineering, 2006, 5/3, 241-252.
- 3.M.M. Murudi & S.U. Bhosale: “Shaking Table Experiments on Reinforced Concrete Bare Frames, Infill Frames and Braced Frames’. International Journal of Science and Technology, 2011, 1/2, 6-18. ISSN (online):2250-141X.
- 4.M.M. Murudi & P. Banerji; “Effective Control of Earthquake Response Using Tuned Liquid Dampers” ISET Journal of Earthquake Technology, 2012, Vol.49 No.3-4, 53-71.
- 5.Amardeep D. Bhosale and Mohan M. Murudi, 2017,“Slope bottom tuned liquid dampers for suppressing horizontal motion of structures, “International Journal of Engineering Technology Science and Research (IJETSR),” ISSN – 2394 – 3386, Impact factor 2.12, Volume 4, Issue 6, June 2017, PP 433-441.
- 6.Amardeep D. Bhosale and Mohan M. Murudi, 2017,“Seismic control of structures using sloped bottom tuned liquid dampers,” International journal of structural engineering and mechanics, Techno-press, ISSN 1225-4568, VOLUME 64, No. 2, PP 233-241.
- 7.Amardeep D. Bhosale and Mohan M. Murudi, 2017, “Experimental Investigation of Effectiveness of Slope Bottom Tuned Liquid Dampers, “International Journal of Engineering Technology Science and Research (IJETSR), ISSN – 2394 – 3386, Impact factor 2.12, Volume 4, Issue 5, May 2017, PP 635-643.

8. Brijesh Gandhi, Prasad Gharat, M.M. Murudi : "A study on the effect of partial moment release on the behavior of steel structure". International Journal Of Innovative Research In Science, Engineering And Technology, July 2017
9. Supriya Chinivar, M.M. Murudi; "Parametric Study of Pile in Liquefiable Strata". International Journal of Technical Innovation in Modern Engineering and Science, July 2017
10. S.P. Kewate, M. Murudi, (2018), "A Critical Study on the Empirical Period - Height Relationship for Reinforced Concrete Shear Wall Buildings" International journal of engineering technology science and research, Vol. 5, No. 2 , ISSN 2394 – 3386, pp 120-126.
11. Neelkanth D. Joshi, Dr. M. M. Murudi, "Effect of Vibration In Stiffness of Transfer Girder on Stiffness of Frame Floating From It", Eur. Chemical Bulletin.
12. Neelam Petkar, Dr. Mohan Murudi, Dr. Vishal Thombare, "Study On Partial Replacement Of Fine Aggregate In High Performance Concrete", Eur. Chemical Bulletin 2023.
- 13.

NATIONAL JOURNAL PAPERS PUBLISHED

1. S.P. Kewate, M. Murudi, (2018), "A Critical Study on the Empirical Period - Height Relationship for Reinforced Concrete Moment Resisting frame" The Indian Concrete Journal Vol. 92, July 2018, pp 89-94.
2. Shilpa, P.K and Murudi, M.M. (2018), "Empirical period - height relationship for shear wall system buildings in India." Journal of Structural Engineering, CSIR, (accepted, 2018), Paper ID : 1918

INTERNATIONAL CONFERENCE PAPERS PUBLISHED:

1. Mohan M. Murudi & P. Banerji; "Seismic Behaviour of Structures with Tuned Liquid Dampers"; Proceedings of 11th Symposium (International) on Earthquake Engineering, Roorkee, 1998, 729-736.
2. M.M. Murudi, P. Banerji & A.H. Shah; "Base excitation induced response control using tuned liquid dampers"; Proceedings of 17th Canadian Congress (International) of Applied Mechanics, Hamilton Ontario, Canada, 1999, 97-98.
3. Pradipta Banerji & Mohan Murudi; "Tuned liquid dampers (TLD) for controlling seismic response of structures", Proceedings of 4th International Conference on vibration problems, JadHAVpur University, Calcutta, 1999, 94-99.
4. P. Banerji & M.M. Murudi; "Tuned liquid dampers for controlling vibrations of cantilever structures", Proceedings of 3rd International Conference on shock and impact loads on structures, Singapore, 1999.
5. M.M. Murudi & P. Banerji; "Multiple tuned liquid dampers as seismic vibration control devices", Proceedings of 1st International Conference on Vibration Engineering and Technology of Machinery, IISc Bangalore, 2000.
6. Mohan M. Murudi and Sharadchandra M. Mane; "Influence of Ground Motion Parameters on Seismic Effectiveness of Tuned Mass Damper (TMD)", Proceedings of Proceedings of 12th Symposium (International) on Earthquake Engineering, IIT, Roorkee, 2002, 1461 –1475.
7. Mohan M. Murudi and Milind Palyekar; "Design Aid to R.C.C. Structural Elements Subjected to Seismic Forces With Ductility Requirements As Per IS 13920-1993" Proceedings of Proceedings of 12th Symposium (International) on Earthquake Engineering, IIT, Roorkee , 2002, 1389 – 1396.
8. Sachin A. Chavan, Mohan M. Murudi and P. Banerji; "Effect of Vertical Acceleration on Performance of TLD as a Seismic Control Device", Proceedings of Proceedings of 12th Symposium (International) on Earthquake Engineering, IIT, Roorkee, 2002, 1486 – 1495.
9. Mohan M. Murudi and M.A. Sreedharan; "Structural Control Device Combining Base Isolation with Tuned Mass Damper", Proceedings of 2nd International

Conference on Vibration Engineering and Technology of Machinery (VITOMAC-II) BARC, Mumbai, 2002.

10. Amardeep Bhosale, Sharvil Alex Faroz and Mohan Murudi, 2012, "Effectiveness of tuned liquid dampers using NSD numerical model subjected to harmonic ground motion," International conference SPICON 2012.
11. A.D.Bhosale and M.M.Murudi; "Experimental Investigation On Effectiveness Of Slope Bottom Tuned Liquid Damper", 3rd International Conference On Research Trends In Engineering, Applied Science And Management, IETE – Pune, 2017
12. A.D.Bhosale and M.M.Murudi; "Slope Bottom Tuned Liquid Dampers For Suppressing Horizontal Motion Of Structures" International Conference On Advancement In Engineering, Applied Science And Management-DAC – Mumbai, 2017
13. Shilpa, P.K and Murudi, M.M. (2018). "Empirical period - height relationship for moment resisting frame buildings in India." in proceeding of 4th International Conference on Safety Problems of Civil Engineering Critical Infrastructures, on 4th and 5th October 2018, Ekaterinburg, Russia.
14. S.P. Kewate, M.Murudi, "A Critical Study on the Empirical Period - Height Relationship for Reinforced Concrete Shear Wall Buildings" 2nd International Conference on New Frontiers of Engineering, Science, Management and Humanities, on 18th February 2018, ISBN: 978-93-87433-12-0, pp 343-349

NATIONAL CONFERENCE PAPERS PUBLISHED:

1. M.M. Murudi & Anil Kumar Siddhanti; "Optimum positioning of Tuned Mass Dampers for multistoreyed structures subjected to harmonic base excitation", National Conference on applicable mathematics in wave mechanics and vibrations-2001, 2001, 172-178.
2. B.N. Pandya, M.M. Murudi and A.A. Bage "Seismic Retrofitting of Reinforced Concrete Structure", National workshop on Rehabilitation and Retrofitting of Structure-2009.

3. Lavkush Tiwari, Ankit Asher, Akshata Deshpande And Dr. Mohan Murudi, “Analysis Of 150m Long Wind Mast Using Indian Code, U.S. Code & Eurocode”, SPICON 2022
4. Ankit Asher, Pratik Jaiswal And Dr. Mohan Murudi, “Generation Of P-M Interaction Curves For Hollow Circular Rc Sections Using Irc: 112”, SPICON 2022.
5. Neelkanth Joshi, Dr. Mohan Murudi, Ankit Asher and Amar Shah, “Experimental And Analytical Study On Soft Storey Condition Of Floating Frame Resting On Transfer Girder”, SPICON 2022.
6. Suraj Shinde, Ankit Asher, Akshata Deshpande And Dr. Mohan Murudi, “Comparative Study For Bridge Super-Structure Curved In Plan With Different Deck Types”, SPICON 2022.
7. Pratik Divekar, Dr. Kshitija Nadgouda And Dr. Mohan Murudi, “Analysis Of Pile Foundation In Liquefied Soil With Encased Stone Column”, SPICON 2022.
8. Karan Yadav And Dr. Mohan Murudi, “Comparative Study Of Effect On Soft Storey Design According To Is 1893:2002 And Is 1893:2016”, SPICON 2022.
9. Ankit Asher And Dr. Mohan Murudi, “Linear Elastic Seismic Performance Of Rcc Buildings With Irregular Plan”, SPICON 2022.
10. Neelam Petkar, Dr. Mohan Murudi And Dr. Vishal Thombare, “Experimental Study On Use Of Supplementary Cementitious Material With River Sand, Crushed Sand And Processed Slag Sand As Partial Replacements Of Fine Aggregate”, SPICON 2022.
11. Peeyush Aherkar, Dr. M. M. Murudi Kshitija Nadgouda, “Seismic Analysis of RC Building with Soft Storey”, SEC-2023.

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ANNEXURE 1

Summer / Winter School / Workshop / Conference attended

Sr. No	Title	Duration	Approving Authority
1	“Teaching Object Oriented Programming and Data Structure in C++”	3 weeks	DTE, Maharashtra
2	11th International Symposium of Earthquake Engineering held	3 days	IIT Roorkee
3	4th International Conference on vibration problems	4 days	Government of India
4	12th International Symposium of Earthquake Engineering	3 days	IIT Roorkee
5	Seminar on “Earthquake Disaster in Mumbai- How prepared are We?”	1 day	ISSET Mumbai Local Chapter
6	workshop on “ IS 800 -2007 Indian Standard General Construction in Steel- Code of Practice”	2 days	Bureau of Indian Standards and Institute for Steel Development & Growth
7	Training programme of Earthquake Engineering and Risk Mitigation	2 weeks	Ministry of Home Affairs, Government of India.
8	Workshop on National Disaster Management Policy and Guidelines- Earthquake (NDMPAG-EQ)	2 days	National Disaster Management Authority, India
9	Training program on “Design of Foundations in Seismic Areas- Principles and Application”	2 days	PM Dimensions, Mumbai
10	Course on “Effective Role Execution for Institute Development Training Module T.M. 6”	2 days	VJTI (as a part of TEQIP activity)
11	Lead Inspector Course (40 Hours)	1 week	ICMQ Certification India Pvt. Ltd.
12	Workshop on “Rehabilitation and	3 days	S.P.C.E., IASTR and

	Retrofitting of Structures”		IASE
13	1st World Summit on Accreditation	2 days (26th and 27th March, 2012)	New Delhi
14	One day workshop on Outcome Based Accreditation	1 day (16th June 2012)	COEP, Pune in collaboration with NBA
15	Institute Building – Creation an institute of excellence	4 days (25th to 28th October 2012)	IIT Delhi
16	Two days workshop on “Motivation and Attitude Changing”	2 days	Organized at SPCE
17	Two days workshop on “Work place Motivation.”	2 days (22nd to 23rd February 2013)	Organized at SPCE
18	Short term course on “Seismic Design of RC Building”.	5 Days (26th to 30th November 2013)	IIT Gandhi Nagar
19	Good Governance	2 days (15th to 16th January 2013)	World Bank, New Delhi.
20	Conclave on Entrepreneurship	1 day (19th September, 2014)	AICTE, Delhi
21	Three days Short course on “Geotechnical Investigation for Structural Engineering	3 days (13th to 15th November 2014)	IIT Gandhi Nagar
22	Two days workshop on “Emerging trends in Earthquake Engineering & Structural Dynamics”	2 days (20th to 21st December 2014)	IIT Delhi
23	Three days Structural Engineering Convention (International)	3 days (22nd to 25th December 2014).	IIT Delhi
24	Earthquakes: A Risk Perspective at IIT Bombay	1 day (19th January 2016)	IIT Bombay
25	Pedagogy, Accreditation, Research and Entrepreneurship	2 days (22nd & 23rd November, 2016)	Megapode Resort, Port Blair, Andaman & Nicobar Islands
26	One week STTP on “Developing Interpersonal Skills and Effective	1 Week 02/01/2017 to	SPCE Mumbai ²⁹

	Communication”	07/01/2017	
27	One week training program on “Advanced Course on Right to information Act,2005 and Modern management practices”	5 days (9th to 13th January, 2017)	Conducted by National Productivity Council at Goa
28	Two days training program on “ Faculty and staff development for improved competency and Institutional Management Capacity Enhancement”	2 days (21st to 22nd march 2017.)	SPCE, Mumbai
29	Finite Element Analysis and its Applications	6 days (25th March 2017 to 30th March 2017)	SPCE, Mumbai
30	One week “Faculty Induction Program”	1 week (27th November to 2nd December 2017.)	College of Engineering, Pune.
31	Induction Training for newly recruited faculties	3 days (19th to 21st June, 2018)	Lonavala (TEQIP III)
32	4th World Summit on Accreditation challenges & Opportunities in Outcome Based Accreditation	3 days (7th to 9th September 2018)	New Delhi (TEQIP III)
33	Workshop on Retrofitting of steel Structures	2 days (27th & 28th September, 2019)	IIT Hyderabad (TEQIP III)
34	2 weeks SWAYAM-TEQIP-III on line certification course on “Digital Transformation in Teaching Learning Process	6th April to 22nd April 2020	TEQIP-III

ANNEXURE 2

List of M.E. Dissertation Guided			
Sr. No.	Name of Scholar	Title of Thesis	Year
1	Abhayankar Vivek G.	Effect Of Stiffness Of Frames On The Distribution Of Earthquake Forces	2002
2	Gayake Hrishikesh R.	Effectiveness Of Seismic Isolation Bearings In Bridges	2002
3	Milind S. Palekar	Design Aids To R.C.C. Structural Elements Subjected To Seismic Forces With Ductility Requirements As Per IS 1392-1993	2002
4	Menon A. Sreedharan	Hybrid Structural Control Device Combining Base Isolation With Tuned Mass Damper	2002
5	Sharad Chandra Mane	Optimum Tuned Mass Damper Parameters For Controlling Seismic Response Of Structures	2002
6	Sugyani Panda	Experimental Investigation Of Behaviour Of Braced Frame Structure Under Base Excitation	2004
7	Gharat Rahul D.	Experimental Study On Polymer Modified Mortar With Silica Fume	2005
8	Gharat Prasad M.	Performance Of Isolated Bridge Bearings	2005
9	Pechetty Srinivas	Study On Behaviour Of Flat Slab Under Vertical & Lateral Loads	2005
10	Neelkanth D. Joshi	Soft Storey Behaviour Of Buildings With Stilt Floor And Their Design Criterion Under Earthquake Forces	2005
11	Prashant Pargane	Comparison Of Effectiveness Of Eccentric And Concentric Bracing In Steel Frame Building	2005
12	Iyer Rajiv V.	Compatibility Of HPC Mixes With Varying Proportion Of Mineral Admixtures	2006
13	Mudassar A. Wasta	Seismic Analysis Of Isolated Bridges With Tuned Mass	2007

		Damper	
14	Yogesh B. Patil	Analysis & Design Of Bridge By Push Back System	2007
15	Ashish M. Karande	Comparison Of Aseismic Design & Analysis Of Elevated Liquid Storage Tank With Various International Codes & IS Code	2008
16	Mandar S. Dandekar	Vibration Control Of Bridges Under Moving Loads Using Tuned Mass Damper	2008
17	Sagar S Khatav	Experimental & Analytical Studies On Sloshing Frequency Of Liquids	2008
18	Sarwang Patel	Analysis Of Flat Slabs With & Without Edge Beams Under Vertical & Lateral Loads	2009
19	Pravin B Waghmare	Comparative Performance Of Elevated Isolated Liquid Storage Tanks	2010
20	Shaikh Javed Mubarak	Study Of Seismic Performance Of Braced & Un Braced Frames Using Push Over Analysis	2010
21	Shinde Sudhir Shamrao	Seismic Base Isolation Of Structures	2010
22	Sagar Wali	Seismic Design Of Building Using Energy Based Method	2010
23	Suraj U. Bhosale	Shake Table Experiment On Reinforced Concrete Bare Frames, Infiled Frame & Braced Frames	2011
24	Prashant S Sakhare	Dynamic Analysis Of Multistoried Building Considering The Effect Of Brick Wall Infill	2011
25	Chandrashekhar Rahul	Design And Analysis Of Stress Ribbon Bridges	2012
26	Karlekar Manoj Chandra Shekhar	“ Effect Of Slope Bottom Tld On Resposnse Of A Sdof System	2012

27	Khan Abdullah Khurshid Ahmed	“ Experimental Study Of Behaviour Of Steel Bare And Braced Under Base Excitation”	2012
28	Pandit Jagannath Hrishikesh	“ Study Of Seismic Behaviour And Design Of Rc Intze Tank Using Dikfferent Earthquake Characteristics”	2012
29	Prabhudesai Saurabh Ramdas	“ Behaviour Of Steel Structure Under The Effect Of Fire Loading	2012
30	Raj Ameya Prashant	Analysis Of G + 42 Rcc Structure Using Viscoelastic Damper”	2012
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69	Chaudhari Sejal Kalpesh	“Seismic Response Control Of Structure Using Tuned Liquid Column Damper & Experimental Study”	2019
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81	Panchal Sumitra Bhagwan	Effect Of Wind On RC Structure Resting On Sloping Ground & Analysis Done Using Etabs Software .	2021
82	Raut Aditya Kishor	Seismic Design In Tall Building With Different Types Of Structural System (IS 16700: 2017)	2021
83	Piyush Chaudhari	Cost optimization of Rectangular RCC section	2022
84	Samidha Patil	Seismic performance of building having PT flat slab – with and without peripheral beams.	2022
85	Suhail Tanwar	Comparative Annalysis Of Building With Pile Foundation / Raft And Piled Raft Foundation	2022

LIST OF PHD STUDENTS GUIDED			
SR.NO	NAME OF SCHOLAR	TITLE	STATUS
1	Mr. Amardeep D. Bhosale	Seismic control of structure using slope bottom tuned liquid dampers	Completed and PhD awarded
2	Shilpa Pankaj Kewate	Empirical period-height relationship for reinforced concrete multi storey buildings in India	Completed and PhD awarded
3	Neelkanth Joshi	Seismic Behavior of structures with soft storey	Pre-synopsis

			in Progress
4	Prasad Gharat	Optimum Parameters of Tuned Liquid Column Damper for Seismic Application	Work in Progress
5	Neelam Petkar	Study on Durability of concrete structure constructed with concrete with crush sand	Completed and PhD awarded
6	Ankit Asher	Performance based seismic assessment of irregular RC buildings	Work in Progress