



PRAJAPATI DHARMENDRA BABULAL

Lecturer

Applied Mechanics Department,
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EDUCATIONAL QUALIFICATION

ME (Structure) M S University of Baroda, Vadodara	2000-2002
B.E. (Civil) S P University, V V Nagar	1995-1999

WORK EXPERIENCE

Government Polytechnic, Valsad Lecturer	2017-Present
Sir B.P.T.I., Bhavnagar Lecturer	2011-2017
Dr. J N Maheta Govt Poly, Amreli Lecturer	2005-2011
D.D.I.T., Nadiad Assistant Professor	2004-2005
Faculty of Tech & Engg, M S University of Baroda, Vadodara Lecturer (Contractual)	2002-2004

TECHNICAL SKILLS AND KNOWLEDGE

AutoCAD, STAAD, STADD Pro, STRUD

SUBJECT TAUGHT

Applied Mechanics, Structural Mechanics-I, Strength of Materials, Structural Mechanics-II,
Design of Steel Structures, Design of Reinforced Concrete Structures, Concrete Technology

TRAINING AND WORKSHOP

- “Accreditation Program for Diploma Programme”, online (NPTL, SWAYAM) during Sep-2020
- “UDAYAM (Unlimited Digital Advanced Yearlong Academic Method of Learning)” online (KCG, Education Dept, Gujarat) during July-Aug-2020
- “Comprehensive Online Intellectual Property Rights (IPR)” online (i-Hub) during June-Sep-2020
- “Structural Design Using STAAD Software” at NITTTR, Bhopal during 19/08/19 to 23/08/19 (1

Week)

- “Structural Design Using STAAD Pro, STRUDS, ETAB, SAFE (For Pile Foundations)” at NITTTR Bhopal during 03/09/18 to 07/09/18 (1 Week)
- “Low Cost Building Materials and Construction Technologies” at NITTTR Bhopal, during 6/08/2018 to 10/08/2018 (1 Week)
- “MS-Office, LaTeX, WordPress & Social Media – Tools for every engineer (All Branch Staff)” at Darshan Institute of Tech. & Engg, Rajkot during 22-05-17 to 2/06/2017 (2 Week)
- “Recent Advances in Computational Fluid Dynamics” at SVNIT, Surat during 13/03/2017 to 17/03/2017 (1 Week)
- “Environment Pollution and e-waste Management” at NITTTR Bhopal, during 13/06/2016 to 17/06/2016 (1 Week)
- “E-office Automation for Digital India” at Govt Poly, Amdavad during 14/12/2015 to 23/12/2015 (2 Week)
- “Use of Multimedia as an Effective Teaching Tool” at Govt Poly, Rajkot during 8/06/2015 to 19/06/2015 (2 Week)
- “AutoCAD for Civil Engineers” at NITTTR Bhopal, during 18/08/2014 to 22/08/2014 (1 Week)
- “Karmayogi Residential Training for Quality Improvement Program in Technical Education” at Dholakuva, Gandhinagar during 17/01/2014 to 19/01/2014
- “Geotechnical Engineering: Principal & Practices” at B & B Institute of Technology, V V Nagar during 18/11/2013 to 22/11/2013 (1 Week)
- “AutoCAD (Basic and Advance) for Civil Engineers” at NITTTR Bhopal, during 22/07/2013 to 2/08/2013 (2 Week)
- “Application of Civil Engineering Software for Analysis & Design of Buildings” at NITTTR Bhopal, during 9/07/2012 to 20/07/2012 (2 Week)
- “Earthquake Resistance Building Construction” at NITTTR Bhopal, during 9/01/2012 to 13/01/2012 (1 Week)
- “Design of Steel Structures” at B & B Institute of Technology, V V Nagar during 7/11/2011 to 11/11/2011 (1 Week)
- “Designing Question Paper for Civil & Allied Engineering” at NITTTR Ext. Centre, Amdavad during 27/09/2010 to 1/10/2010 (1 Week)
- “Recent Advances in Concrete Technology” at SVNIT, Surat during 25/01/2010 to 29/01/2010 (1 Week)
- “Recent Advances in Concrete Technology” at B & B Institute of Technology, V V Nagar during 4/01/2010 to 8/01/2010 (1 Week)
- “Curriculum Development with Industry Partnership” at NITTTR Ext. Centre, Amdavad during 21/12/2009 to 23/12/2009 (1 Week)
- “Designing Good Questions & Development of Question Bank” at NITTTR Ext. Centre, Amdavad during 22/09/2008 to 26/09/2008 (1 Week)
- “Earthquake: System, Behaviour & Design” at B & B Institute of Technology, V V Nagar during 8/06/2008 to 14/06/2008 (1 Week)
- “Induction Training Programme (Phase-I)” at NITTTR Ext. Centre, Amdavad during 12/05/2008 to 23/05/2008 (2 Week)
- “Induction Training Programme (Phase-I)” at NITTTR Ext. Centre, Amdavad during 7/05/2007 to 18/05/2007 (2 Week)
- “Effective Teaching Skills” at NITTTR Ext. Centre, Amdavad during 26/03/2007 to 30/03/2007 (1 Week)
- “Geotechnical Earthquake Engineering” at S S Engg College, Sidsar, Bhavnagar during 20/11/2006 to 24/11/2006 (1 Week)
- “Building Construction & Maintenance” at NITTTR, Bhopal during 10/07/2006 to 14/07/2006 (1 Week)
- “Non Destructive Assessment of Structures” at MBM Engg College, JNV Uni., Jodhpur, during 15/03/2004 to 20/03/2004 (1 Week)

PORTFOLIOS (Current Portfolios)

- Institute Time Table committee incharge
- Institute NSS Committee member
- Institute RUSA Committee member

RESEARCH PROJECTS GUIDED

NIL

PUBLICATION

Books

- Applied Mechanics, Gujarat Technical Publication, Amdavad, 2014
- Structural Mechanics-I, Gujarat Technical Publication, Amdavad, 2015
- Strength of Materials, Gujarat Technical Publication, Amdavad, 2015
- Design of Reinforced Concrete Structures, Gujarat Technical Publication, Amdavad, 2016

Manuals:

- Applied Mechanics,
- Structural Mechanics-I
- Building Materials
- Strength of Materials
- Structural Mechanics-I
- Soil Engineering
- Concrete Technology

Journal Papers

- D B Prajapati, “Comparative Study of Concrete Beams Reinforced with Polypropylene and SteelFibres” International Journal of Trend in Research and Development, ISSN: 2394-9333, Volume 4(4)
- D B Prajapati, “Concrete: Demolition, Deposition, Recycle and Reuse”, International Journal of Trend in Research and Development, ISSN: 2394-9333, Volume 2(1)

Conferences Papers

- Ravi R Gurnani, Sunil R Sadarangani, D B Prajapati, “Performance Enhancement of Existing Irrigation Canals in Gujarat”, National Conference on Emerging Trend in Engineering at Tolani F G Polytechnic, Aadipur (Kutch), Gujarat

ACADEMIC PROJECTS GUIDED

NIL

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Member-Indian Society for Technical Education
Membership No.: LM40031

EXPERT LECTURES

- “Structural Design”, at Bhagvan Mahavir Polytechnic, Surat on 27/07/2018
- “Structural Design”, at Bhagvan Mahavir Polytechnic, Surat on 28/01/2019

AWARDS

NIL