Prof. Rajul K Gajjar, Ph.D (Civil Eng.)

|  |  |
| --- | --- |
| **Name:** | Dr.(Mrs) Rajul K Gajjar |
| **e mail:** | [rkgajjar@yahoo.com](mailto:rkgajjar@yahoo.com) |
| **Mobile No:** | 09825091133 |
| **Designation:** | i)Professor and Head of Applied Mechanics,  ii)Dean for PG and Research (Engg, Pharmacy, MBA & MCA), Gujarat Technological University |
| **Institution:** | L.D.College of Engineering, Ahmedabad |
| **Age:** | 49 years |
| **Birth Date:** | 10th November 1961 |
| **Qualification:** | Ph.D (Civil Engineering) |
| **Residential Address:** | 50, Sardar Patel Colony, Nr. Swastik High School, Usmanpura Underbridge, Ahmedabad 380014 |

**Qualification Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Examination** | **University** | **Year** | **Specialisation** | **Percentage** |
| Ph.D (Civil) | M.S. University of Baroda | 2008 | Structural Aspects of Disasters | - |
| M. E. (Civil) CASAD | Gujarat University | 1995 | Computer Aided Struct. Analysis & Design | 70 |
| B.E. (Civil) | Gujarat University | 1983 | Computer App. in Struct. Engg. | 59.8 |

**Experience:**

Teaching: 28 years including Administrative: 6.5 yrs at DTE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Designation** | **Department** | **Dates** | **Years** |
| **Teaching:** | |  |  |  |
| 1 | Lecturer | App.Mech. | 5-8-83 to 4-3-96 | 13 |
| 2 | Asst. Prof. | App.Mech. | 5-3-96 to 30-7-2003 | 07 |
| 3 | Professor | DTE, L.D.C.E | 31-7-03 contd. | 08 |
| **Engineering Education Management:** | |  |  |  |
| 1 | Project Officer | DTE | 4-2-98 to 20-1-2000 | 2.0 |
| 2 | Joint- Director | DTE | 21-1-00 to 30-6-04 | 4.5 |
| 3 | Dean PG and Research | GTU | 14-2-2011 to date | 5 mths |
| 4 | Head of Applied Mechanics Dept. | LDCE | 23-3-2011 | 3 mths |

**Important Projects Completed**

|  |  |  |
| --- | --- | --- |
|  | **Details** | **Period** |
|  | Conducted ME, MPharm mid sem reviews in final semester by panel of 3 experts from IITs, NITs and industry | April 2011 |
|  | Formulated PhD rules for starting PhD program at GTU | April 2011 |
|  | Conducted PhD entrance test for 700 aspirants | May 2011 |
|  | Invited applications and selected Supervisors for PhD in Engg, Pharmacy, MBA and MCA | Apr 2011 |
|  | Conducted PhD interviews for 200 candidates by expert Panels | Jun 2011 |
|  | Convened School Research Committees to finalize Supervisors, Topics for eligible PhD candidates | Jul 2011 |
|  | Conducted PG Dissertation Viva for ME and MPharm by panel of IIT, NIT and top industry experts | Jul 2011 |
|  | Coordinated Summer trainings at University of Alberta, Canada for 60 MBA students | May 2011 |
|  | Coordinated MoU, curriculum and faculty for starting of 3 MTech courses in VLSI & Embedded Systems, Wireless Mobile Computing and IT & Network Security with Synopsys and CDAC at GTU | Jul 2011 |
|  | Accreditation Preparation for UG courses at LDCE | Jul 2011 |
|  | Prepared DPR for TEQIP II, component 1.2 on Research and Innovation Capabilities of LDCE | August, 2010 |
|  | Screening of Institutes under TEQIP II component 1.1 as member of SPFU | September, 2010 |
|  | Conducted 3 workshop sessions of 4 hours each, on Effective Teaching at Jaypee Institute- Noida, Ansal-Gurgaon, SVNIT-Surat during | July, 2010 |
|  | PhD Regulations for GTU as committee member | March 2010 |
|  | AICTE/ GTU inspection for approval of new and existing courses and institutions | On going |
|  | Development of detailed document on Course Learning Objectives as per Bloom’s Taxonomy for engineering curriculum | Nov-Dec, 2009 |
|  | Coordinated PG syllabi, examination scheme and implementation, for all 12 PG courses under Gujarat Tech. University | July2009- Sept 2009 |
|  | Terms of Reference for long term consultancy projects of GIDC for MoU of DTE with GIDC | August, 2009 |
|  | Coordinated with US Faculty as National Project Coordinator for Indo-US Collaboration on Engineering Education (IUCEE) for 23 workshops on technical content | Jun-July 2009 |
|  | Accreditation preparation of 11 PG courses at LDCE. | Dec 08-Mar09 |
|  | Coordinated World Bank project of TEQIP at LDCE :  - Modernization of Library, e-journals, e-books;  - High end softwares and Learning Resources;  - Upgradation and creation of new laboratories by procurement of equipments and civil works;  - Faculty & Staff Development;  - Campus wide area Networking;  - Services to Community  Total cost of project Rs.193 Million for LDCE | Dec04-Mar09 |
|  | Performance evaluation, monitoring and reporting of quality improvement aspects for:  - Quality of education, teaching-learning process, infrastructure facilities and improvement in efficiency of management, through on-line response from students, faculty and HoDs;  - Students’ feedback and evaluation.  Coordinated all matters related to formation of BoG, meetings, reporting and implementation. | Jan 05- cont. |
|  | New Curriculum developed for 12 disciplines of 4 institutions across 3 universities involving industry, renowned academicians, alumni and faculty, based on Purdue and Virginia Tech models, under TEQIP | Mar 2007 |
|  | Training on Institutional reforms for research & development, curricular reforms, students’ feedback and evaluation, effective teacing-learning process for 300 faculty across the state, under TEQIP | May 2007 |
|  | Conceptualized, written Detail Project Report and presented in several MHRD meetings at New Delhi, for selection of Gujarat under TEQIP as State Coordinator for TEQIP at DTE | Oct 03-Dec 04 |
|  | Coordinated all activities for Canada-India Tech. Edu. Project as State Project Coordinator at DTE | Jan 2000- Mar 2004 |
|  | Vision, Mission, Mandate and Strategic Planning for Girl’s Polytech. and RCTI, Ahmedabad | Oct, Dec 2002 |
|  | Proposals for Joint Admission Committee for Professional Courses (JAC-PC) based on Supreme Court verdict in case of TMA PAI judgment as Joint Director (Academics) at DTE | Apr 03- Mar 04 |
|  | Drafts for formation of R.J.Shah Fee committee as JD-DTE. Subsequent meetings and implementation of R.J. Shah committee recommendations | Apr - May03 |
|  | MIS and Student Tracer Studies for DTE | Feb 98–Dec 99 |

**Academic Achievements:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Details** | **No.** | **Annexure** |
| **A.** | **Papers Published** |  | **I** |
|  | 1. Journal | 6 |  |
|  | 1. International | 17 |  |
|  | 1. National | 16 |  |
|  | Total | 39 |  |
|  |  |  |  |
| **B.** | **M.Tech. Thesis Guided** | 15 | **II** |
|  |  |  |  |
| **C**. | **Expert Lectures Delivered** |  | **III** |
|  | 1. Technical Content | 8 |  |
|  | 1. Pedagogy/ Engg. Management | 16 |  |
|  | Total | 24 |  |
|  |  |  |  |
| **D.** | **Workshops Conducted** |  | **IV** |
|  | 1. Technical Content | 4 |  |
|  | 1. Pedagogy/ Engg. Management | 10 |  |
|  | Total | 14 |  |
|  | |  |  |
| **E.** | **Training Received** |  | **V** |
|  | **Technical** |  |  |
|  | 1. International | 1 |  |
|  | 1. National | 25 |  |
|  | Total | 26 |  |
|  |  |  |  |
|  | **Engineering Education Management** |  |  |
|  | 1. International | 3 |  |
|  | 1. National | 6 |  |
|  | Total | 9 |  |
|  |  |  |  |
|  | **Pedagogy** |  |  |
|  | 1. International | 2 |  |
|  | 1. National | 3 |  |
|  | Total | 5 |  |

**Acted as Chairperson/ Member on following State Committees:**

|  |  |
| --- | --- |
|  | School Research Committees for PhD, GTU |
|  | Affiliation of new PG courses (Engg, Pharmacy, MBA, MCA)with GTU |
|  | PhD norms for courses under GTU |
|  | P.G. Curriculum of all PG courses under GTU |
|  | Institute inspection for Fee Regulatory Committee (Justice Akshay Mehta Committee) and Local Inquiry committee (GTU) |
|  | TEQIP II state screening committee for components 1.1 and 1.2 |
|  | AICTE Inspection Committees |
|  | Institutional Coordinator for World Bank funded TEQIP at LDCE |
|  | GTU Exams reforms committee |
|  | Gujarat Regional Coordinator for Indo-US Collaboration on Engineering Education (IUCEE) |
|  | Academic Inspection of Government Degree Engg. Inst. |
|  | GTU Inspection of Degree Colleges for affiliation |
|  | Gujarat State Project Facilitation Unit for World Bank TEQIP project |
|  | AICTE pay fixation for Diploma Faculty |
|  | Work Load Committee AICTE guidelines |
|  | AICTE fee committee for Self Financed Institutions (R.J.Shah Committee) |
|  | Ad-Hoc Lecturers Selection Committee appointed by state govt. |
|  | Centralized Degree and Diploma Admissions |
|  | Gujarat State Project Coordinating Unit, Canada-India Project |

**Professional Institutes Membership :**

|  |  |  |
| --- | --- | --- |
|  | Institute of Engineers (India) | F - 112619-5 |
|  | Indian Society for Technical Education | LM – 7586 |
|  | Gujarat Institute for Civil Engineers and Architects | FLM - 1010 |
|  | Indian Society for Earthquake Sciences | LM-102009 |
|  | Ahmedabad Management Association | LM - 977 |
|  | L.D.C.E. Alumni Association | CIVIL 1983-GO11 |
|  | Society for Promotion of Technical Education & Research | LM - 87 |

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#### Prof. R.K.Gajjar , PhD(Civil Engg)

#### HOD, Applied Mechanics Dept.

L.D.College of Engineering, Ahmedabad

**Annexure I**

**A. Papers Published**

|  |  |  |
| --- | --- | --- |
| Sr No | **Journal** | Total No |
|  | R.K. Gajjar and S.C.Patodi , “A Software for Evaluation and Retrofit Strartegies for Seismic Forces in Buildings”, Journal of New Building Materials and Construction World, Vol.11, pp. 132-139, Jan. 2006 |  |
|  | Gajjar R.K. and Patodi S.C., “Damage Analysis of RCC Buildings under Seismic Forces through Virtual Reality”, Journal of New Building Materials and Construction World, Vol.12-7, pp. 164-172, Jan. 2007. |  |
|  | Gajjar R.K. and Patodi S.C., “Structural Engineering Solutions for Disaster Prevention and Post Disaster Strategies”, Journal of New Building Materials and Construction World, Vol.12-7, pp. 164-172, Dec 2008. |  |
|  | Zala, R.V. and Gajjar R.K., “ Time History Analysis of RCC Frames subjected to Blast Loads”, International Journal of Earth Sciences and Engineering, pp 609-618 Vol. 3 No.3 July 2010, |  |
|  | Podar P. and Gajjar R.K., “ Automated Across Wind Response of Tall Buildings”, International Journal of Earth Sciences and Engineering pp 735-742, Vol. 3 No.3 July 2010, |  |
|  | Gajjar R.K., Patodi S.C.,”Structural Engineering Solutions For Disaster Prevention, Mitigation and Post Disaster Strategies”, Structural Engineering Digest, Structural Engineers Forum, India |  |
|  | Desai A.I and Gajjar R.K, “A State of Art on Effectiveness of Isolation System”, International Journal of Civil Engineering Research, Volume 3, Number 1 (2012), pp. 59-64, © Research India Publications |  |
|  | Patel Mitali R and Dr.R.K.Gajjar, “Strengthening of RC Beams Using CFRP”, Shear Strengthening of RC Beam Using CFRP, International Journal of Advanced Engineering technology , E-ISSN No : 0976-3945, Volume III   Issue I |  |

|  |  |  |
| --- | --- | --- |
|  | **International** | Total No |
|  | R.K.Gajjar and S.C.Patodi, “Pushover Analysis and Virtual Reality in Buildings Subjected to Seismic Forces”, Tenth East Asia Pacific Conference on Structural Engineering and Construction, EASEC-10, **Bangkok**, Thailand, pp. 205-210, Aug.3-5, 2006. |  |
|  | R.K.Gajjar and M.N.Patel, “ Sustainable results of Collaborations in Engineering Education”, ASEE Global Colloquium on Engineering Education, **Budapest**, Hungary, October 12 - 15, 2009 |  |
|  | Gajjar R.K., “Engineering Education beyond Disciplines”, Global Colloquium on Engineering Education, National University of **Singapore**, 18-21 Oct, 2010 |  |
|  | R.K.Gajjar, “ Innovations in Curriculum Development of Engineering Courses”, International meet of Engineering Deans, ISTE Convention, NITK- Suratkal, December-18,19, 2009 |  |
|  | “ Seismic assessment and Retrofit of Columns in Buildings”, International Structural Engineering Convention, IISc, Bangalore, 14-16 Dec 2005 |  |
|  | “Virtual Reality Applications in Structural Engineering”, International Conf. On WISE, ACCE, Hyderabad 1-3 Dec04 |  |
|  | “Automated Analysis of Building Frames as per IS:1893-2002”, International Meet, IIT Roorkee, NIT Rourkela, 29-31 Dec04 |  |
|  | R.K.Gajjar and S.C.Patodi, “Automated Dynamic Analysis of Building Frames as per IS: 1893-2002”, 49th Congress of Indian Society for Theoretical and Applied Mechanics, An International Meet, NIT-Rourkela, pp. 50-56, Dec.9-12, 2004. |  |
|  | R.K.Gajjar, V.S.Purani and S.C.Patodi, “Seismic Assessment and Retrofit of Columns in Buildings”, Structural Engineering Convention, An International Meet, IISc Bangalore, pp. 421, Dec. 14-16, 2005 |  |
|  | R.K.Gajjar and S.C.Patodi, “Virtual Reality Applications in Structural Engineering”, International Conference on World of Innovations in Structural Engineering, WISE 2004, Hyderabad, Dec. 1-3, 2005 |  |
|  | R.K.Gajjar and S.C.Patodi, “Damage of RCC Columns through Virtual Reality”, 2nd International Congress on Computational Mechanics and Simulation (ICCMS06), IIT-Guwahati, Dec. 8-10, 2006. |  |
|  | Gajjar R.K. and Patodi S.C., “Virtual Reality Aspects of Disasters”, Structural Engineer’s World Congress, 3rd International Congress, Bangalore, pp. 40, Nov.2-7, 2007. |  |
|  | Zala, R.V. and Gajjar R.K., “ Time History Analysis of RCC Frames subjected to Blast Loads”, International Conference on Advances in Concrete, Structural and Geotechnical Engineering, BITS-Pilani, 25-27 October, 2009. |  |
|  | Suryanarayana ALSV and Gajjar R.K., “ Analysis, Design and Parametric Study of Composite Columns”, International Conference on Advances in Concrete, Structural and Geotechnical Engineering, BITS-Pilani, 25-27 October, 2009. |  |
|  | Podar P. and Gajjar R.K., “ Automated Across Wind Response of Tall Buildings”, International Conference on Advances in Concrete, Structural and Geotechnical Engineering, BITS-Pilani, 25-27 October, 2009. |  |
|  | Zala. R.V and Gajjar R.K., “Study of Critical Components of RCC Frame Subjected to Blast Load Using Time History Analysis”, International Conference on Innovative World of Structural Engineering, GEC, Aurangabad, 9-10 Dec, 2010 |  |
|  | Podar P. and Gajjar R.K., “Automated Across Wind Response on Rectangular Tall Buildings”, International Conference on Innovative World of Structural Engineering, GEC, Aurangabad, 17-19 Sept, 2010 |  |

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| --- | --- | --- |
|  | **National Conference** | Total No |
|  | “Modelling Aspects of Structures”, STTP on Advances in Concrete, GSDMA, LDCE. 9-27 Jun97 |  |
|  | “Use of NISA in FEM”, STTP on Computer Methods in Structural Engg, LDCE, Jun 95 |  |
|  | “Pre and Post Processor Options in STAAD”, STTP on Graphics and ACAD for Engineers, LDCE, Oct 94 |  |
|  | “Composite Floors”, Workshop on Seismic Resistance and Design, LDCE, Mar 2002 |  |
|  | R.K.Gajjar and S.C.Patodi, “Automated Aseismic Design of Building Frames as per IS: 1893-2002”, National Workshop on Advances in Materials and Mechanics of Concrete Structures, IIT-Chennai, pp. 133-137, July 2-3, 2004. |  |
|  | Gajjar R.K. and Patodi S.C., “Disaster Mitigation- Structural and Non-Structural Aspects of Flood Management”, National Conference on Current Trends in Technology, NUCONE-2006, Nirma University, Nov.30-Dec.2, 2006. |  |
|  | R.K.Gajjar and S.C.Patodi, “Automated Dynamic Analysis for Winds Forces on Buildings”, Proceedings of the National Conference on High Rise Buildings, IIT-Roorkee, pp. 387-396, Oct.30-31, 2006 |  |
|  | Vaishnav D.R. and Gajjar R.K., “Computational Approach for Seismic Evaluation of Existing Buildings Using Demand Capacity Ratio Method”, National Conference on Current Trends in Technology, NUCONE-2007, Nirma University, pp. 428-433, Nov 28-30, 2007. |  |
|  | Gajjar R.K. and Patodi S.C., “Performance Based Structural Aspects for Fire Safety Design”, National Conference on Current Trends in Technology, NUCONE-2007, Nirma University, pp. 453-457, Nov 28-30, 2007. |  |
|  | Gajjar R.K. and Patel S.K., “ Software for Performance Criteria and Retrofitting of Existing RC Buildings”, Sixth Structural Engineering Convention, SERC and IIT-M, Chennai, 18-20 Dec,08 |  |
|  | Podar P. and Gajjar R.K., “Automated Across Wind Response on Rectangular Tall Buildings”, International Conference on Current Trends in Technology, NUCONE-2010, Nirma University December,2010 |  |
|  | Sheth M.H and Gajjar R.K., " Strengthening using FRP for RCC Beam", Structural Engineering Convention, Annamalai Univ, Chennai, Vol.II, pp. 1271-1280,8-10 Dec, 2010 |  |
|  | Advani D.H and Gajjar R.K. ““Investigation of Efficient Bracing Systems as Per IS 800:2007”, National Conference on Recent Trends in Engineering and Technology, May 2011 Birla Vishvakarma Engineering College, Vallabh Vidhayanagar, India.(ISBN 978-81-921358-0-9) |  |
|  | Advani Dhavalkumar P. & Dr. R.K.Gajjar “Lateral Load Resistance Using Various Bracing Systems As Per Limit State Design Method”, National Conference on Advanced In Earthquake Resistant Design and Construction Techniques, April 2011 Adhiparasakthi Engineering College, Melmaruvathur, India (ISBN 978-93-80624-35-8) |  |
|  | Advani Dhavalkumar P. & Dr. R.K.Gajjar “Comparative Study of Various Bracing Systems as Per IS 800:2007”, “Research and Project Fair”, May 2011 Gujarat Technological University, Ahmedabad, India. |  |
|  | Thakker N. and Gajjar R.K.,“Application of Prying Force on Steel Connections”, National Conference on Recent Trends in Engineering and Technology, May 2011 Birla Vishvakarma Engineering College, Vallabh Vidhayanagar, India.(ISBN 978-81-921358-0-9) |  |
|  |  |  |

**Annexure II**

**B. M.Tech. Thesis Guided**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name** | **Year** | **Title** |
|  | Bhaskar Yallala | 1997 | Non-linear FEA of RCC Structures using NISA |
|  | Devanshi Vaishnav | 2005 | Seismic Evaluation of Existing Buildings |
|  | Jigar Shah | 2005 | Virtual Reality Applications in Structures using 3DS MAX |
|  | Karthik Ramanuj | 2006 | Application of Fuzzy Logic in Bidding Process. |
|  | Bhumi Shah | 2005 | Pushover Analysis of 2D Frames using VC++ |
|  | Diganty Bhatt | 2006 | Automated Structural Analysis for Cyclone and Fire Loads on Tall Buildings |
|  | Sandip Patel | 2006 | Seismic Evaluation & Retrofitting of RCC Frames |
|  | Devang Chotalia | 2007 | Automated Analysis & Design of Deep Beams |
|  | Suryanarayana ALSV | 2009 | Analysis, Design and Parametric Study of Composite Columns |
|  | Zala, R.V. | 2009 | Time History Analysis of RCC Frames subjected to Blast Loads |
|  | Sheth Mehul | 2010 | Strengthening of RCC Beam using FRP |
|  | Podar Puja | 2011 | Automated Across Wind Response of Tall Buildings |
|  | Thakkar Nirav | 2011 | Steel Joint design for space structures as per IS 800-2007 |
|  | Advani Dhaval | 2011 | Steel Bracing Design for Tall buildings as per IS 800-2007 |
|  | Pujara Bhargav | On going | Design of Structural members of various configurations for Tall buildings |

**Annexure III**

**C. Expert Lectures Delivered**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Technical Content** | **Total** |
|  | “Modelling Aspects of Structures”, STTP on Advances in Concrete, GSDMA, LDCE. 9-27 Jun97 |  |
|  | “Use of NISA in FEM”, STTP on Computer Methods in Structural Engg, LDCE, |  |
|  | “Pre and Post Processor Options in STAAD”, STTP on Graphics and ACAD for Engineers, LDCE |  |
|  | “Composite Floors”, Workshop on Seismic Resistance and Design, LDCE, Mar 2002 |  |
|  | “Modelling Aspects of Structural Analysis and Design”, Workshop on Modern Methods of Analysis and Design, Parul Institute of Technology, September 2010 |  |
|  | “Design of Shear Walls”, STTP on Earthquake Resistant Design of Structures for engineers of Municiple Corporation, June 2009 |  |
|  | “Case Studies of Shear Wall Behaviour”, STTP on Aseismic Design of Buildings for R&B engineers, April,2011 |  |
|  | “Sustainable Tall Buildings”. Key Note at National conference on Repair and Rehabilitation for Seismic Design of Structures, Institute of Engineers, Jodhpur, 19 August,2011 |  |

|  |  |  |
| --- | --- | --- |
|  | **Pedagogy / Management** | **Total** |
|  | “Labour Market Situation for Engineers”, Regional Workshop on NTMIS, Aurangabad, November, 1999 |  |
|  | “Autonomy Models for Technical Institutes’’,Western Region Workshop, DTE, August 1998 |  |
|  | “Manpower Scenario for Technicians”, Round Table on Polytechnic Educaton, SOPTER,CEPT, 1999 |  |
|  | “Case-Study : Partnering by example”,Canada India workshop on NGOs, 2001 |  |
|  | “Technical Manpower Development and Utilization”, NTMIS bulletin, 2001 |  |
|  | “Emerging Frontiers of Tecnology”, Vibrant Gujarat literature, 2003 |  |
|  | “Sustainability of WID Thrust Area of CIIILP”, Workshop on WID, CIIILP, Pune, |  |
|  | “Transformation of Society through Female Strength”, Women’s Seminar |  |
|  | “Admission Procedures in Degree and Diploma”, Staff Training, DTE |  |
|  | “Developing Mandate & Mission for Strategic Planning & Management in technical Institutes” , AICTE Sponsored Staff Development Programme, BBIT, Vidyanagar, Nov 2007 |  |
|  | “Research Methodology in Engineering”, Institutional Reforms Workshop under TEQIP, LDCE, May 2007 |  |
|  | “How to Find Dissertation Topics, Conduct Research and Write Thesis Reports”CEPT, Jul,2008 |  |
|  | “Sustainable results of Collaborations in Engineering Education”, IUCEE,GEC- Infosys, Mysore, Jun 09 |  |
|  | “Effective Teaching and Learning Styles”, Jaypee Inst.-Noida, Jun2010 |  |
|  | “Effective Teaching and Learning Styles”, Ansal Inst-Gurgaon, Jul 2010 |  |
|  | “Effective Teaching and Learning Styles”, SVNIT-Surat, Jul 2010 |  |

**Annexure IV**

**D. Workshops Conducted**

|  |  |
| --- | --- |
|  | AICTE sponsored workshop on ‘Autonomy Models and Implementation strategies” for Principals of all Technical Education institutions, August 2000 |
|  | State level workshop on “Counseling Skills” for starting Counselling Cells by Women Faculty in Institutions under Canada-India Project, April 2001 |
|  | Awareness and Information dissemination workshop for World Bank assisted TEQIP project of GOI for Government Tech. Education institutions, June 2002 |
|  | Vision and SWOT Analysis workshop for World Bank assisted TEQIP project of GOI for Government Tech. Education institutions, August 2003 |
|  | Women in Development Cell :Co-ordinate and Facilitate training and community service activities for women in CIIILP project institutes, 2000 |
|  | MIS development and Networking of institutions for Directorate of Technical Education, 2000 |
|  | Designing Website on Technical Education and Manpower Analysis in Gujarat, May 2001 |
|  | Coordinated Curriculum Revision for 12 courses in 4 Institutions across 3 Universities, June 2007 |
|  | Coordinated Institutional Reforms Workshop with ex-IIM Faculty for 210 participants from 6 TEQIP institutes, October 2007 |
|  | Conducted Workshop on “Effective Teaching in Enginering”, Faculty from 8 institutions, Sept, 2008 |
|  | Workshop on “Project Management: Scope and Charter” for effective research and reporting of projects, LDCE, Nov. 08 |
|  | Workshop on “Effective Teaching and Outcomes Based Curriculum” for Engineering Teachers, LDCE, 9,10,11Dec. 2009 |
|  | Workshop on “Strategic Planning, Objectives and Action Plans for TEQIP-II”, for LDCE full faculty, 31 July, 2010 |
|  | Workshop on “P G Dissertation supervision, review and reporting”, for all PG courses under GTU, March,2011 |
|  | Workshop on “Research Methodology for Engineering PhD programs”, for PhD program under GTU, March,2011 |

**Annexure V**

**E. Training Received**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SrNo** | **Training name** | **Institute Name** | **Duration** | | | **Remark** |
| **From** | **To** | |  |
|  | **International:** | | | | |  |
|  | Strategic Planning and Women-in-Development (Management) | Technical Colleges in Canada | 1-2-03 | | 15-2-03 | Canada-India Technical Education Project |
|  | Tenth East Asia Pacific Conference on Structural Engineering and Construction (Technical) | 10th EASEC, Bangkok | 3-8-06 | | 5-8-06 | NPEEE, GoI fund for Earthquake Engineering. |
|  | Effective Teaching in Engineering (Pedagogy) | IUCEE, Global Education Centre, Mysore | 5-7-09 | | 9-7-09 | Training given by US experts Richard Felder and R Brent. |
|  | Curriculum Innovation & Quality Assurance (Pedagogy) | IUCEE, Global Education Centre, Mysore | 2-6-08 | | 6-6-08 | Training given by US experts Lueny Morrell. |
|  | Sustainable International Collaborations | Global Colloquium, Budapest Tech | 9-10-09 | | 12-10-09 | Global Conference- Engineering Education |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **National : (Technical)** | | | |
|  | Applications of FEM Software | IIT, Delhi |  | Dec 93 |
|  | Computer Aided Graphics using Acad | L.D. of Engg. Ahmedabad |  | Feb 95 |
|  | Computer Methods of Struct. Analysis | L.D. of Engg. Ahmedabad |  | July 95 |
|  | Wind Analysis of Tall Structures | CEPT, Ahmedabad |  | Oct 95 |
|  | IS-456, Proposals for Revisions | CEPT, Ahmedabad |  | Dec 95 |
|  | Advances in Steel Construction | CEPT, Ahmedabad |  | Oct 96 |
|  | Advances in Concrete | L.D. of Engg. Ahmedabad | 9-Jun-97 | 21-Jun-97 |
|  | Oracle & VB | SSI, Ahmedabad |  | May 99 |
|  | Management Information Systems | SPIPA, Ahmedabad |  | Feb 99 |
|  | Information Technology | Guj Council of S&T |  | Jan 2000 |
|  | Seismic Design and Retrofitting of Buildings | GSDMA-IIT-Kanpur | 17-Dec-01 | 21-Dec-01 |
|  | Seismic Design of Bridges | GSDMA-IIT-Kanpur | 19-Dec-02 | 21-Dec-02 |
|  | Structural Dynamics | L.D. of Engg. Ahmedabad | 31-Dec-02 | 5-Jan-03 |
|  | World of Innovations in Structural Engineering | ACCE, Hyderabad | 1-Dec-04 | 3-Dec-04 |
|  | Structural Engineering Convention | IIISc, Bangalore | 14-Dec-05 | 16-Dec-05 |
|  | 2nd International Congress on Computational Mechanics and Simulation -ICCMS06 | IIT-Guwahati, | 8-Dec-06 | 10-Dec-06 |
|  | National Conference on Current Trends in Technology, NUCONE-2006 | Nirma University, Ahmedabad | 30-Nov-06 | 2-Dec-06 |
|  | Workshop on Industrial Structures & Facilities | L & T Chiyoda, Vadodara | 03.07.07 | 07.07.07 |
|  | Trends & Practices in Concrete Today | LDCE | 27-9-07 | 29-9-07 |
|  | Structural Engineers World Congress | Association of Consultant Civil Engineers | 2-11-07 | 7-11-07 |
|  | Software Training in FEM Applications | LDCE | 21-1-08 | 25-1-08 |
|  | Design of Port & Harbour Structures | Adani Knowledge Centre | 28-1-08 | 1-2-08 |
|  | Seismic Design of Steel Structures | IIT-K | 1-3-08 | 5-3-08 |
|  | Design of Steel Structures as per Revised IS-800 (2007) | SVNIT, Surat | 1-12-08 | 4-12-08 |
|  | Earthquake Resistant Design | LDCE | 1-6-09 | 5-6-09 |
|  | Steel Structural design as per IS:800-2007 | INSDAG | 21-6-10 | 26-6-10 |
|  | Repair of Cracks | Nirma Univ. | 12-2-11 | 14-2-11 |

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|  | **National : (Pedagogy)** | | | |
|  | Faculty Development for Institutional Reforms | IIM-Faculty | 2-May | 5-May, 2007 |
|  | Net based Structural engineering education | SVNIT, Surat | 1-5-08 | 4-5-08 |
|  | Entrepreneurship Training | EDI, Ahmedabad |  | Nov 98 |

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|  | **National : (Management)** | | | |
|  | Management Capacity Building | NPIU-TEQIP | 1-7-05 | 10-7-05 |
|  | Advanced Training on Management of Technical Education | NPIU-TEQIP | 1-8-06 | 5-8-08 |
|  | Ethics in Public Administration | SPIPA, Ahmedabad | 27.11.06 | 29-Nov-06 |
|  | E-Governance: Issues & Challenges | National Productivity Council | 27-8-07 | 31-8-07 |
|  | Vision, Mission, Mandate and Strategic Planning in Engineering | NPIU-CIIILP, | Jan 2000 |  |
|  | Leadership in Engineering Education | IUCEE, Infosys, Mysore | 10-7-09 | 11-7-09 |