

Curriculum Vitae

1. Name : Prof. (Dr.) Harikrishna Chandulal Trivedi

2. Designation:
- Executive Administrative Officer & I/C Registrar, Team Lease Skills University, Vadodara
 - Adjunct Professor at Gokul Global University, Sidhpur.
 - Former Director & Professor Emeritus, Department of Chemistry, Parul Institute of Applied Sciences, Parul University, Limda, Vadodara, Gujarat State
 - Former Vice-Chancellor, Bhavnagar University, Bhavnagar, Gujarat State
 - Former Registrar, National Institute of Pharmaceutical Education and Research (NIPER)- Ahmedabad, Gandhinagar
 - Ex-Prof. & Head, Post Graduate Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat State

3. Birth Date & Place of Birth: 25th January 1948, Anand (Gujarat)

4. Address: 1, Mangalya Bungalows
B/h D. Z. Patel Higher Secondary School
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Anand-388 001, Gujarat state/INDIA
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5. Qualifications:

B.Sc.	Sardar Patel University, Vallabh Vidyanagar	1968	Chemistry
M.Sc.	-do-	1970	Physical Chemistry
Ph.D.	-do-	1976	Polymer Chemistry
Post Doctoral Research	University of Leeds, Leeds, U.K.	1990-1991	Polymer Chemistry

6. Awards/Distinctions/Honours:

- Recipient of **Dr. R.A. Pasternak's Fellowship** for undergoing In plant Training at Gujarat Refinery, India for the year **1969**.
- Recipient of a **Junior Research Fellowship** from UGC/CSIR, New Delhi (**1970-73**).
- Recipient of "**Hari Ohm Ashram Prerit Bhaikaka Inter University Trust**" award (**Eight Times**) for the best Research Paper in Chemistry/Industrial Polymer Chemistry/ Microbiology/Biochemistry for the years **1984-85, 1993-94, 1994-95, 1995-96, two awards**

in two different subjects in the year 2003-2004 and two awards in Chemistry & Industrial Chemistry for the year 2006-2007.

- Recipient of **Commonwealth Academic Staff Fellowship from British Council, UK** for the year **1990-1991**.
- Have been awarded the **LIFE TIME ACHIEVEMENT AWARD** (comprises of a plaque, citation, shawl and cash award of Rs.25,000/- sponsored by Lucid Colloid Group, Mumbai) in the field of **Studies in Graft Copolymers of Natural and Renewable Polymeric Materials** by the Association of Carbohydrate Chemists & Technologists (India). This award was given at the XXI Carbohydrate Conference held at Chemistry Department, University of Delhi, during **November 26-29, 2006**.
- Awarded **Shiksha Rattan Puraskar** by India International Friendship Society at a function held in Mumbai on **9th June 2007**.
- Honoured **Rajiv Gandhi Shiromani Award** by International Friendship Society at a function held in Delhi on **18th October 2007**.
- Have been nominated as a **Fellow of the Gujarat Science Academy (FGSA) since 2006**.
- Have been offered the distinguished **Visiting Professorship** for doing collaborative research work in the area of Polymer Chemistry at The Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Beijing, China under the **Chinese Academy of Sciences Visiting Professorship for Senior International Scientists Programme** from **4th February, 2010 to 4th May, 2010** from **21st October, 2011 to 12th January, 2012** as well as from **11th April, 2012 to 9th July, 2012**.
- Name has been inducted as **Fellow of the ACCTI (FACCTI)** in recognition of outstanding achievements and exceptional contribution in promoting carbohydrate research.
- Name has been included in Who's Who in the World for the years **1998, 1999, 2000, 2001, 2004-2005, 2005-2006, 2006-2007**.
- Have been chosen for distinguished standing and had been conferred with an honorary appointment to the "**Research Board of Advisors**" by the American Biographical Institute, Inc. **USA, since 2003**.
- Have been appointed as a **Consulting Editor of The Contemporary Who's Who** by the American Biographical Institute, Inc. **USA**.
- Have been nominated as the **Honorary Chairman of the Experts Advisory Committee (EAC) on the Entrepreneurship in Education** as well as a **Member of the National Science and Technology Entrepreneurship Development Board (NSTEDB)** by Govt. of India, Ministry of Science and Technology, New Delhi during **4th March 2011 to 6th July 2016**.
- Appointed as an **Assessor** for undertaking Assessment and Accreditation activities of National Assessment and Accreditation Council (NAAC), Bangalore since **2012**.
- Have been nominated by the **Honorable President of India as Visitor's Nominee on the Selection Committee** for the purpose of filling up of the posts under the Institute by advertisement or by promotion **in the 20 old National Institute of Technology (NITs)** for a period of three years (**15th May 2013 to 14th May 2016**).
- Appointed as **Professor of Emeritus** at Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat (**9th February, 2015 to 8th February, 2016**)

- Appointed as **Registrar** at the National Institute of Pharmaceutical Education and Research (NIPER) – Ahmedabad, Gandhinagar, Gujarat (*8th December, 2016 to 17th January, 2018*)

7. Academic Positions Held:

(a) Sardar Patel University/Bhavnagar University

Designation	University	Period
Professor of Physical/Polymer Chemistry	Dept. of Chemistry Sardar Patel Univ.	7-6-2009 to 15-6-2010
Vice-Chancellor	Bhavnagar Univ., Bhavnagar	7-6-2006 to 6-6-2009
Professor of Physical/Polymer Chemistry	Dept. of Chemistry Sardar Patel Univ.	26-7-2001 to 6-6-2006
Professor and Head	-do-	23-5-1996 to 25-7-2001
Professor of Physical/Polymer Chemistry	-do-	22-8-1988 to 22-5-1996
Reader in Polymer Chemistry	-do-	1-11-1980 to 21-08-1988
Reader in Physical Chemistry	-do-	16-06-1980 to 31-10-1980
Lecturer in Chemistry	-do-	11-06-1973 to 15-06-1980

(b) Academic Boards/Councils

Academic Boards/Councils

- (a) **Member of Academic Council**, Sardar Patel University, Vallabh Vidyanagar, (23-5-1996 to 25-7-2001)
- (b) **Member of Post Graduate Board of Studies & Research**, Sardar Patel University, Vallabh Vidyanagar (23-5-1996 to 25-7-2001)
- (c) **Member of Board of Studies in Chemistry**, Sardar Patel University, Vallabh Vidyanagar
- (d) **Member of Faculty of Science**, Sardar Patel University, Vallabh Vidyanagar.
- (e) **Member of Committee for Courses in Polymer Science**, Mohanlal Sukhadia University, Udaipur, Rajasthan, (13-04-2005 to 12-04-2008)
- (f) **Member of Board of Studies in Chemistry**, Gujarat University, Ahmedabad.
- (g) **Member of Research Degree Committee (RDC) in Chemistry**, Saurashtra University, Rajkot.
- (h) **Member of Research Degree Committee (RDC) in Chemistry**, Hemchandracharya North Gujarat University, Patan.
- (i) **Member of Faculty of Science**, M S University of Baroda, Vadodara
- (j) **Member of Board of Studies in Chemistry**, National Institute of Technology, Kurukshetra, Haryana, (23-08-2013 to 22-08-2016)

(k) Member of Board of Studies in Chemistry, GSFC University, Fertilizer Nagar, Vadodara (18-12-2019 to 18-12-2022)

9. Administrative Positions held:

- **Vice-Chancellor, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Court, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Executive Council, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Academic Council, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Finance Committee, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Board of Post Graduate Teaching & Research, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Ocean and Atmospheric Science and Technology Cell (OASTC) , Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Entrepreneurship Development Cell (EDC), Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Board of Sports, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Board of Culture, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Women's Development Cell, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Internal Quality Assurance Cell (IQAC), Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Chairman, Building Committee, Bhavnagar University, Bhavnagar (7-6-2006 to 6-6-2009)**
- **Court Member, Bhavnagar University, Bhavnagar (7-6-2009 to 1-12-2010)**
- **Senate Member, Sardar Vallabhbhai National Institute of Technology (Deemed University), Surat (2007-2011 & 2013-2016)**
- **Senate Member, Sardar Patel University, Vallabh Vidyanagar (7-6-2006 to 6-6-2009)**
- **Head, Postgraduate Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar (23-5-1996 to 25-7-2001)**
- **Senate Member, Sardar Patel University, Vallabh Vidyanagar (23-5-1996 to 25-7-2001)**
- **Co-ordinator, Special Assistance Programme in the Thrust Area of Polymers, Post Graduate Dept. Chemistry, Sardar Patel University, Vallabh Vidyanagar, DSA-III Phase & DSA-IV Phase (23-5-1996 to 11-12-2001)**

- **Co-ordinator**, COSIST Programme, Post Graduate Dept. Chemistry, Sardar Patel University, Vallabh Vidyanagar, (23-5-1996 to 31-3-1999)

9. Life Membership of Professional Bodies / Societies:

- Indian Thermal Analysis Society (ITAS)
- Association of Carbohydrate Chemists and Technologists (ACCT)
- Materials Research Society of India (MRSI)
- Indian Society for Radiation and Photochemical Sciences (ISRAPS)
- Indian Council of Chemists (ICC)
- Indian Carbon Society (ICS)
- Indian Society of Chemists and Biologists (ISCB)
- The Society for Polymer Science, India (SPS)
- Asian Polymer Association (APA)

10. Teaching Experience: (37 Years)

Areas of Teaching:

- Chemical Thermodynamics
- Statistical Thermodynamics
- Modern Methods of Instrumental Analysis
- Solution Properties of Polymers
- Radiation Chemistry of Polymers
- Macromolecular Chemistry
- Electro Analytical Methods
- Characterization of Polymers
- Practicals in Analytical Chemistry at M.Sc. Level
- Practicals in Physical Chemistry at M.Sc. Level

11. Research Experience: (40 Years)

(a) Specific Research Areas of Interest:

- Synthesis, Characterization and Evaluation of Potential Applications of **Graft Copolymers of Natural and Renewable Polymeric materials and its derivatives.**
- Studies in Polyelectrolytes.
- Solution Properties of Polymers.
- Synthesis and Characterization of Glass-fiber and C-fiber Reinforced Composites

(b) **No. of Research Publications** : 93 (International / National Level)

(c) **No. of Research Papers/Book Chapter Communicated** : 03 (In Press)

(d) **No. of Ph.D.'s awarded** : 20

(e) **No. of Books Published** : 01

12. Major Research Projects:

(a) **Completed (since 1991): 06**

(b) **Funding Agencies:** University Grants Commission (UGC), New Delhi & Bhabha Atomic Research Centre (BARC), Bombay

(c) **Research Fellowships Generated from Industries : 02 (1997-98)**

: 02 (1998-99)

: 01 (2006-07)

13. Academic Achievements:

- Recommended for the appointment as a Consultant for three months by the Head, Chemistry Division, Forest Research Institute, Dehradun for their research programme in the field of grafting of Biopolymers under the World Bank Project in the year *1996 - 97*.
- Prof. Trivedi and his colleagues constructed the Home-made Precision Conductance Bridge by incorporating “Wagner ground device” in the Wheatstone Bridge and successfully used this equipment for studying the ion binding properties of polyelectrolytes.
- The Gujarat Pesti-Chem Industries, Nandesari (Gujarat State) as well as M/S Shiv Shakti Chemicals, Baroda (Gujarat State) instituted the Fellowships for guiding Ph.D. students, working in the area of modification of natural polymers via grafting, to Prof. Trivedi, during *1997- 98* and *1998-99* respectively.
- During the tenure of Headship of Prof. H. C. Trivedi, the P. G. Dept. of Chemistry, Sardar Patel University was awarded the very prestigious “**Special Assistance Programme (DSA IV Phase)**” by University Grants Commission, New Delhi and the grant of **Rs. 61 lacks were allocated to the department** in the year *1998*.

14. Expertise Services Offered:

- (a) **Reviewer** for recommending papers for their publications in the International Journals namely, **Journal of Applied Polymer Science, Science & Engineering of Composite Materials, Carbohydrate Polymers as well as Polymers for Advanced Technologies.**
- (b) Appointed as an Advisory Board Member of an **International Journal of Polymer Materials.**
- (c) Member of **Editorial Board** of an **International Journal Trends in Carbohydrate Research.**
- (d) Member of **Editorial Board** of (Gujarat State Level) **Journal of Sciences.**
- (e) Appointed as a **Project Evaluator** by the Indian Council of Forestry Research and Education (**ICFRE**), Dehradun, for the evaluation of Three Major Research Projects sponsored by the **World Bank** in the year *1998-99*.
- (f) Nominated as an **Expert Member** for the **UGC X - PLAN Visiting Committee** to Dr. Bhimrao Ambedkar University, Agra in the year *2002*.
- (g) Nominated as a **Subject Expert Member** by UGC, New Delhi on the committee for the selection of the departments for assigning **COSIST (ASIST)** programme for the year *2003*.

- (h) Nominated as the **Member of the Selection Committee**, for the selection of the Professor Suresh C. Ameta award for the year **2003**, by the Indian Chemical Society, Kolkata.
- (i) Delivered a **series of Lectures** as a **Visiting Fellow** under UGC Scheme and as a **Resource Person** at various departments of Indian Universities.
- (j) **Evaluator** for recommending thesis for the award of Ph.D. degrees by various Indian Universities.
- (k) Conducted Remedial Coaching Classes (sponsored by UGC, New Delhi) for M.Sc. Part-I and Part-II S/C and S/T students during the years **2000-2001** to **2003-2004**.
- (l) **Subject Expert Member** in various selection committees (at Sardar Patel University and other universities as well as the Central Salt & Marine Chemicals Research Institute, Bhavnagar) to interview and select suitable candidates for the post of Professor/Reader/Lecturer/Scientist.
- (m) Nominated as a **Subject Expert Member** by UGC, New Delhi on the **Expert Committee** for evaluating new major research proposals as well as the mid-term review of the on-going major research projects in the years **2008 & 2009**.
- (n) Nominated as an **Expert Member for the UGC XI - PLAN Visiting Committee** to University of Kashmir, Srinagar in the year **2008**.
- (o) Delivered **Key Note Addresses/Presidential Addresses/Inaugural Addresses/Chief Guest Addresses**.

15. Details of Participation at National/International Seminars/Symposia/Conferences/Workshops:

- (a) Attended and presented number of Research Papers as well as delivered talks at **National and International Symposium/Seminars/Conferences/Workshops**.

(b) Organized the following in Various Capacities:

- **XV Carbohydrate Conference** held at Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar during **16th - 17th October 2000 – Convener**
- **Two Refresher Courses in Chemistry** for the Teachers of the Gujarat State held at Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar during **4th- 21st November 2000** as well as during **24th April to 11th May 2001 – Course Coordinator**
- **One-Day Seminar on Rheology and Thermal Analysis of Polymers** held at Department of Chemistry, Sardar Patel University, V. V. Nagar on **16th December 2000 – Convener**
- **National Symposium on Polymers** held at Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar during **12th-13th March 2001– Convener**
- **National Workshop on “An Approach to Analytical Instruments Commonly Used in Chemical Industries”**, held at Department of Chemistry, Bhavnagar University, Bhavnagar on **22nd December 2006 - Patron**
- **National Seminar on “ Role of Marine Ecology in Marine Environment & its Impact on Industrial Development”**, held at Department of Marine Sciences, Bhavnagar University, Bhavnagar on **4th February 2007- Patron**
- **National Workshop on Nanotechnology & Nanoscience of Magnetic Particles for Biomedical Applications (NNMPBA - 2007)”**, held at Centre for Excellence in Nanotechnology of Nanomagnetic Particles-CENNP, Department of Physics,

Bhavnagar University, Bhavnagar during *29th January to 1st February 2007* – Patron

- **Gujarat History Conference (17th Knowledge Orientation)** held at Department of History, Bhavnagar University, Bhavnagar during *17th-18th November 2007* – Patron
- **XXII- Gujarat Science Congress** held at Bhavnagar University, Bhavnagar on *9th March 2008* – Patron
- **Two Days Seminar on “Hindi Research - Present Scenario, Challenges and Probabilities”** held at Department of Hindi, Bhavnagar University, Bhavnagar during *26th-27th March 2008* – Patron
- **One Day National Workshop on Nanoscience & Nanotechnology in the Context of Physics (NNCP-08)** held at Department of Physics, Bhavnagar University, Bhavnagar on *23rd August 2008* – Patron
- **XXIII Carbohydrate Conference (CARBO - XXIII)** held at Department of Chemistry, Bhavnagar University, Bhavnagar during *22nd-24th January 2009* – Chief Patron

(c) Academic Recognitions and Honours:

- **9th National Symposium and workshop on Thermal Analysis**, held at Goa University, Goa (*November, 1993*) - National Advisory Committee Member
- **National Symposium on Recent Advances in New Polymeric Materials**, held at Ravenshaw College, Cuttack, (*May, 1995*) - National Advisory Committee Member
- **National Seminar on Polymer Science** held at Department of Chemical Engineering, Chandigarh (*22nd December 1995.*) - Chaired One Session
- **Workshop on "Polymers and Composites: Characterization and Processing"** held at Baroda (*March, 1996*) - Organizing committee Member
- **4th National Seminar on Physical and Technology of Sensors** held at Vallabh Vidyanagar (*February, 1997*) - Local Advisory Committee Member
- **XII Gujarat Science Congress** held at Vallabh Vidyanagar (*February, 1997*) - Steering Committee Member & Convener of the Chemistry Section
- **XIII Carbohydrate Conference** held at Chemistry Division, Forest Research Institute (Indian Council of Forestry Research & education), Dehradun (*19th & 20th November 1998*) - Chaired One Session
- **XVI Carbohydrate Conference** held at Central Tuber Crops Research Institute, Thiruvananthapuram (*December, 2001*) - National Advisory Committee Member
- **XVII Carbohydrate Conference** held at Central Food Technological Research Institute (CFTRI), Mysore (*November, 2002*) - National Advisory Committee Member
- **Workshop on Thermal Analysis** (organized by Indian Physics Association, Baroda Chapter) held at M.S. University, Baroda (*February, 2003*) - Chaired One Session
- **XVIII Carbohydrate Conference** held at Department of Organic Chemistry (Carbohydrate), Indian Institute of Chemical Biology, Kolkata (*November, 2003*) - National Advisory Committee Member

- **14th National Symposium & Workshop on Thermal Analysis** held at Applied Physics Department, M.S. University of Baroda, Vadodara (*January, 2004*)- **National Organizing Committee Member**
- **Seminar on “Polymers and Nanomaterials”** held at Sardar Patel University, Vallabh Vidyanagar (*March, 2004*)- **Organizing Committee Member**
- **Seminar on “Polymers and Nanomaterials”** held at Sardar Patel University, Vallabh Vidyanagar (*March, 2004*)- **Chaired One Session**
- **XIX Carbohydrate Conference** held at Forest Research Institute (Indian Council of Forestry Research & Education), Dehradun (*December 1-3, 2004*) - **National Advisory Committee Member**
- **XIX Carbohydrate Conference** held at Forest Research Institute (Indian Council of Forestry Research & Education), Dehradun (*December 1-3, 2004*) - **Chaired One Session**
- **National Seminar on Polymers, Surfactants & Gels** held at Department of Chemistry, M.S. University of Baroda, Vadodara (*March 11-13, 2005*) – **National Advisory Committee Member**
- **XX Carbohydrate Conference** held at Department of Chemistry, University of Lucknow, Lucknow (*November 24-26, 2005*) – **National Advisory Committee Member**
- **XX Carbohydrate Conference** held at Department of Chemistry, University of Lucknow, Lucknow (*November 24-26, 2005*) – **Chaired One Session**
- **UGC – SAP National Seminar on Recent Trends in Synthetic and Polymer Chemistry (RTSPC- 1)** held at Department of Chemistry, Himachal Pradesh University, Simla (*December 5-6, 2005*) - **National Advisory Committee Member**
- **XXI Carbohydrate Conference** held at Department of Chemistry, University of Delhi, Delhi (*November 26-29, 2006*) - **National Advisory Committee Member**
- **XXI Carbohydrate Conference** held at Department of Chemistry, University of Delhi, Delhi (*November 26-29, 2006*) – **Chaired One Session**
- **Two Days Seminar on Trends in Modern Chemistry Perspectives** held at Department of Chemistry, Hemchandracharya North Gujarat University, Patan (*January 19-20, 2007*) - **National Advisory Committee Member**
- **National Seminar on Recent Trends in Synthetic and Polymer Chemistry** held at Department of Chemistry, Himachal Pradesh University, Simla (*March 23-24, 2007*) – **National Advisory Committee Member**
- **National Seminar on Nanotechnology and its Current Trends** held at Nirma University, Ahmedabad, (*July 26, 2007*) - **National Advisory Committee Member**
- **XXII Carbohydrate Conference** held at National Institute of Pharmaceuticals Education and Research (NIPER), Mohali (*December 13-15, 2007*) – **Chaired One Session**
- **Workshop on Characterization Techniques for Carbon Materials** held at Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar (*December 22-23, 2008*) - **National Advisory Committee Member**
- **National Conference on Green Chemistry** held at Department of Chemistry, Vir Narmad South Gujarat University, Surat (*February 6-8, 2009*) – **National Advisory Committee Member**

- **13th ISCB International Conference** held at Department of Chemistry, University of Delhi, Delhi (*February 26 - March 1, 2009*) - **Advisory Committee Member**
- **National Seminar on Emerging Trends in Polymer Science and Technology** held at Dept. of Chemistry, Saurashtra University, Rajkot (*October 8-10, 2009*) - **National Advisory Committee Member**
- **XXIV Carbohydrate Conference** held at Lachoo Memorial College of Science and Technology (Pharmacy Wing), Jodhpur. (*December 7-9, 2009*) - **National Advisory Board Member**
- **A Day-long Workshop on Choice Based Credit System (CBCS)** organized by Internal Quality Assurance Cell (IQAC) and Examination Reforms Unit (ERU) of Sardar Patel University held at Sardar Patel University, Vallabh Vidyanagar (*January 22, 2010*) – **Panelist Member of the Panel Discussion Board**
- **Theme Symposium: Advanced Ceramic Materials – Monoliths to Composites** held at Department of Material Science, Sardar Patel University, Vallabh Vidyanagar (*February 9-11, 2010*) – **Symposium Advisory Committee Member**
- **XXV Carbohydrate Conference** held at Department of Chemistry, Himachal Pradesh University, Shimla (*November 10-11, 2010*) – **National Advisory Committee Member**
- **XXV Carbohydrate Conference** held at Department of Chemistry, Himachal Pradesh University, Shimla (*November 10-11, 2010*) – **Chaired One Session**
- **National Seminar on “Current Trends in Polymer Science and Technology”** held at Department of Chemistry, Jadavpur University, Kolkata (*January 28-29, 2011*) – **National Organizing Committee Member**
- **National Seminar on ‘Frontier in Polymer Science’** held at Department of Chemistry, Himachal Pradesh University, Shimla (*November 18-19, 2011*) - **National Advisory Committee Member**
- **XXVI Carbohydrate Conference** held at Indian Institute of Chemical Biology (CSIR), Jadavpur, Kolkata (*November 23-25, 2011*) – **National Advisory Committee Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of VTM N.S.S. College, Neyyattinkara, Thiruvananthapuram (*February 21-23, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of St. Xavier’s College, Thumba, Thiruvananthapuram (*March 20-22, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Mahatma Gandhi Kashi Vidyapith, Varanasi, Uttar Pradesh (*August 27-30, 2012*) – **Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of Alvas College, Moodbidre, Karnataka (*September 6-8, 2012*) – **Chairperson**

- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of DIPS College of Education, Dhilwan, Punjab (*October 8-9, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of Guru Gobind Singh Khalsa College of Education for Women, V. Kamalpura, Punjab (*October 10-11, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of DDM SAI College of Education, Kallar, Himachal Pradesh (*November 6-7, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Kongu Arts and Science College, Nanjanapuram, Erode, Tamil Nadu (*November 22-24, 2012*) – **Chairperson**
- **XXVII Carbohydrate Conference** held at the Department of Biochemistry and Nutrition, CFTRI, Mysore (*December 13-15, 2012*)- **National Advisory Committee Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of Sharda Mahavidyalaya (Arts & Science), Parbhani, Maharashtra (*December 20-22, 2012*) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Shri Shivaji Education Society Amravati's, Shri Shivaji College, Akola, Maharashtra (*January 17-19, 2013*) – **Chairperson**
- **National Conference on Recent Advances in Industries and Chemical Education** held at Department of Chemistry, R. R. Mehta College of Science & C. L. Parikh College of Commerce, Palanpur (Gujarat) (*February, 2-3, 2013*) – **Session Chairman & Chief Guest of the Valedictory Function**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of SVRK Government Degree College for Men, West Godavari, Andhra Pradesh (*August 23-24, 2013*) – **Chairperson**
- **International Conference on “Advanced Polymeric Materials” (ICAPM 2013)** held at Mahatma Gandhi University, Kottayam, Kerala (*October, 11-13, 2013*)- **Session Chairman**
- **International Conference (CARBO - XVIII) on “Challenges in Chemistry and Biology of Carbohydrates”** held at Chemistry Division, Forest Research Institute, Dehradun, (*January 20-22, 2014*)- **Advisory Committee Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of P. P. Swami Vivekanad Sevashram Sanstha Shirala's, Vishwasrao Naik Arts, Commerce & Baba Naik Science Mahavidyalaya , Sangli, Maharashtra (*February 03-05, 2014*) – **Chairperson**

- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Smt. Pushpatai Hiray Arts, Science & Commerce Mahila Mahavidyalaya, Malegaon, Maharashtra (**February 17-19, 2014**) – **Chairperson**
- **One day workshop on Molecular Engineering and Advanced Chemical Analysis**, held at the Department of Chemistry, National Institute of Technology, Kurukshetra (**February, 21st, 2014**) – **Guest of Honor**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Dayanand Education Society's, Dayananad Science College, Latur, Maharashtra (**March 3-5, 2014**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of Fakir Mohan Autonomous College, Azimabad, Balasore, Odisha (**March 10-12, 2014**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of Deen Dayal Upadhyaya College, New Delhi (**April 15-17, 2014**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Re-Accreditation of B. S. P, Sanstha's Kholshwar Mahavidyalaya, Ambajogai, Maharashtra (**September 11-13, 2014**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Malda College, Malda, West Bengal (**January 19-21, 2015**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Mahadeo Singh College, Bhagalpur, Bihar (**January 29-31, 2015**) – **Chairperson**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Jamia Islamia Millia, New Delhi (**February 18-21, 2015**) – **Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Panjab University, Chandigarh (**March 02-05, 2015**) – **Member**
- Short Term Training Programme on Advanced Analytical Techniques for Materials Characterization (AATMC – 2015) (**February, 27, 2015**) – **Panelist Member of the Panel Discussion Board**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation (Cycle – II) of the Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur, West Bengal (**March 26-28, 2015**) – **Chair Person**

- **International Conference on Advancements in Polymer Science and Technology** to be held at the Department of Chemistry, Saurashtra University, Rajkot (*October 29-31, 2015*) – **Advisory Committee Member**
- **XXX Carbohydrate Conference** to be held at the Department of Chemistry, Pondicherry University, Pondicherry, (*December 29-31, 2015*)- **Advisory Committee Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Ch. Mani Ram Godara Government College for Women, Bhodia Khera, Hisar, Haryana (*September 08-10, 2016*) – **Chair Person**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Zakir Husain College, New Delhi (*September 19-21, 2016*) – **Chair Person**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Central University of Karnataka, Gulbarga (*September 26-28, 2016*) – **Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Himachal Pradesh University, Shimla (*October 03-06, 2016*) – **Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Government College, Tehla Road, Rajgarh, Alwar, Rajasthan (*October 20-22, 2016*) – **Chair Person**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Christ University, Bangalore, Karnataka (*28th November – 1st December, 2016*) – **Member**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the M. S. P. Mandal's Shri Shivaji College, Parbhani, Maharashtra (*December 15-17, 2016*) – **Chair Person**
- **2nd International Conference on "Global Perspectives on Higher Education"** to be held at Swami Sahajanand College of Commerce and Management, Maharja Krishnakumarsinhji Bhavnagar University, Bhavnagar (*December, 24-25, 2016*)- **Member of Consultative Body**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Rajarshi Shahu Arts, Commerce and Science College, Dist. Aurangabad, Pathri, Maharashtra (*August, 4&5, 2017*) – **Chair Person**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the Government College, Gangapurcity, Sawai Madhuopur, Rajasthan (*September, 25&26, 2017*) – **Chair Person**

- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the Accreditation of the G V P P Government First Grade College, Hagaribommanahanni, Bellary, Karnataka (*October, 9 & 10 , 2017*) – **Chair Person**
- Nominated for the **Peer Team** by the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) for the “ Data Validation Visit” to Sarojini Naidu Vanita Mahavidyalaya, Hyderabad (*June, 20, 2018*) – **Chair Person**

(d) Best Research Papers Adjudged During Conference / Seminar: Nos. 08

- “Photo-graft copolymerization of methylacrylate onto Sodium Alginate using Ceric Ammonium Nitrate as Photoinitiator”-presented at the **Seminar on Polymers, Catalysis, Bioactive Molecules and Bio-Inorganic Chemistry** held at Department of Chemistry, M. S.University, Baroda, during *25th and 26th August, 1994* and was *adjudged the best presentation*.
- “Ceric-induced grafting of methylacrylate onto Agar”-presented at the **XII Gujarat Science Congress** held at Vallabh Vidyanagar during *15th-17th February 1997* and was *awarded the First Prize for the Best Presentation*.
- Synthesis and Characterization of New Biodegradable Plastics”- presented at **XVI Carbohydrate Conference** held at Central Tuber Crops Research Institute, Thiruvananthapuram during *6th and 7th December,2001* and was *awarded the First Prize for the Best Presentation*.
- “Grafting of Ethyl Methacrylate onto Sodium salt of Partially Carboxymethylated Guar Gum by Tetravalent Cerium Ion”- presented at **Third All Gujarat Research Scholars Meet** held at Department of Chemistry, M.S. University of Baroda, Vadodara on *23rd February 2003* and was awarded *the Second Prize for the Best Presentation*.
- “Thermal Behaviour of Different Graft Copolymers of Sodium salt of Partially Carboxymethylated Guar Gum”- presented at **DAE-BRNS 14th National Symposium on Thermal Analysis (THERMANS-2004)** held at M.S. University of Baroda, Vadodara during *January 20-22, 2004* and was awarded *the Second Prize for the Best Presentation*.
- “Studies in Graft Copolymers of Sodium salt of Partially Carboxymethylated Guar Gum: Comparison of the Reactivity of Acrylate monomers” – presented at **XX Carbohydrate Conference** held at Chemistry Department , University of Lucknow, Lucknow during *November 24- 26, 2005* and was **awarded a Cash Prize of Rs. 5000/-** by M/s Lucid Group, Mumbai **for the Best Paper Presentation** on the research work carried out in the area of Hydrocollids.
- “Studies in Graft Copolymers of Sodium salt of Partially Carboxymethylated Tamarind Kernal Powder” presented at **XXII Gujarat Science Congress, 2008** held at Bhavnagar University, Bhavnagar on *9th March 2008* and was awarded the **Third Prize for the Best Oral Presentation**.
- “Graft Copolymerization of Acrylonitrile onto Sodium salt of Partially Carboxymethylated Tamarind Kernel Powder” - presented at **XXIII Carbohydrate conference** held at Chemistry Department, Bhavnagar University, Bhavnagar during *22nd - 24th January, 2009* and was **awarded a Cash Prize of Rs. 5000/-** by M/s Lucid Group,

Mumbai for the **Best Paper Presentation** on the research work carried out in the area of Hydrocolloids.

16. Positions Held in Professional Bodies / Societies:

Position	Name of Body	Year
Executive Member	Indian Thermal Analysis Society (ITAS)	1993-96, 1997-99
Executive Member	Materials Research Society of India (MRSI), Gujarat Chapter	1995-96
Executive Member	Association of Carbohydrate Chemists and Technologists (ACCT), INDIA	1995-96, 1998-2000
Secretary	Sardar Patel Teachers' Association (SPUTA)	1995-97
Nominated Member of the General Council	All India Federation of University of College Teachers' Organizations (AIFUCTO)	1995-97
Nominated Member of the Executive Committee	Gujarat State Federation of Colleges and University Teachers' Association (GSFCUTA)	1995-97
Nominated Member of the Executive Committee	Federation of Teaching and Non-Teaching Staff Association (FOTANSA)	1995-97
Executive Member	Indian Plastics Institute (IPI), Ahmedabad, Gujarat Chapter	1997-98
Vice – President	Association of Carbohydrate Chemists and Technologists (ACCT), INDIA	2000-02 2003-04 2004-06 2006-08
Executive Member	Materials Research Society of India (MRSI), Gujarat Chapter	2005-07
Executive Member	Gujarat Science Academy – Local Chapter, Vallabh Vidyanagar	2007-09 2009-11
President	Association of Carbohydrate Chemists and Technologists (ACCT), INDIA	2008-10
Ombudsman	Entrepreneurship Development Institute of India, Bhat, Gandhinagar, Gujarat	2012-15

17. Positions held in Social Bodies :

- Worked as an **Executive Member** of the Local Management Committee at Dave Manekji Becharji Baj Khedawal Chatralaya (run by Baj Khedawal Education Society, Mumbai) for the period **1991-1998**.
- Worked as a **Joint Co-ordinator** at Dave Manekji Becharji Baj Khedawal Chatralaya (run by Baj Khedawal Education Society, Mumbai) for the period **1999-2009**.
- Worked as an **Advisory Committee Member** at Shree Baj Khedawal Sanskrutik Mandal, Vallabh Vidyanagar for the year **2001**.

- Worked as an **Executive Member** at Shree Baj Khedawal Sanskrutik Mandal, Vallabh Vidyanagar for the year **2001**.
- Elected as a **Vice President** of Shree Baj Khedawal Sanskrutik Mandal, Vallabh Vidyanagar for the years **2003, 2004 and 2005-06**.
- **Senior Education Consultant**, Centre for Development Research & Services (CDRS), Surendranagar Dist., Gujarat (**2006- Till Date**)