

CURRICULUM VITAE



Name : Dr. Dhiren Bababhai Patel
Date of Birth : 07/01/1962
Contact : Department of Computer Science, Gujarat Vidyapith,
Ahmedabad- 380014, India.
Current Position : Professor
E-Mail : dhiren_b_patel@gujaratvidyapith.org,

Academic Qualifications:

Exam passed	Board/ University	Subjects	Year	Division Grade Merit. Etc.
Ph.D.	Gujarat Vidyapith, Ahmedabad	Computer Science E-yojna Assistance and computerization of Swarnjayanti Gram Swarozgar Yojana through it: Analysis, Development and Implementation	2006	
M.Phil.	Gujarat Vidyapith Ahmedabad	Computer Science	2000	80%
PGDCA	SARDAR PATEL University, V.V.Nagar	Computer Science	1985	70%
M.Sc.	Gujarat University Ahmedabad	Mathematics	1984	66%
B.Sc.	Gujarat University Ahmedabad	Mathematics	1982	75%

Contribution to Teaching:

Courses Taught	Name of University / College Institution	Duration
PGDCA	Gujarat Vidyapith	Since 1989
MCA	Gujarat Vidyapith	Since 1994
M.Phil.	Gujarat Vidyapith	Since 2000
Ph.D.	Gujarat Vidyapith	Since 2007

**Area of Specialization : E-Commerce, E-Government , Mobile Application Development,
Area of Interest : Blockchain technology, Rural Development using IT, GIS Operation**

Academic Programme and Courses Evolved:

1. MCA
2. M.Phil. in Computer Science
3. PGDCA

Involvement in Institute Development activities:

1. Upgradation of Computer Center, UGC grant (Duration 5 year) worth Rs. 50 Lakh.
2. Upgradation of Computer Center, UGC grant (Duration 2 year) worth Rs. 18 Lakh.
3. OBC grant for ICT, UGC grant (Duration 5 year) worth Rs. 60 Lakh.
4. OBC grant for Computer Lab, UGC grant (Duration 5 year) worth Rs. 53 Lakh.
5. 11th plan ICT, UGC grant (Duration 5 year) worth Rs. 50 Lakh.

Research Guidance:

More than 100 students in PGDCA (Dissertation).

More than 120 students in MCA(Dissertation).

At M.Phil. Dissertation.

Title	Student's Name	Year	University
Ethernet Network Technology	Satish p. Patel	2002	Gujarat Vidyapith
Extensible Markup Language: A study	Atul K. Akbari	2002	Gujarat Vidyapith
Use of "Computer science expert system using artificial intellect concept" for Agriculture	Hitendra R. Patel	2004	Gujarat Vidyapith
Database performance issues and solutions: A study	Narendra J. Patel	2004	Gujarat Vidyapith
Computerization of maps: A study	Ashish R. Makwana	2005	Gujarat Vidyapith
Outline of Computerization in Dairy Industry : Analysis and Design	Darshana Patel	2012	Gujarat Vidyapith
Selection and Prioritization of Test Cases History in Regression Testing	Sneha Thakkar	2019	Gujarat Vidyapith

List of Publications

Books Published :

Sr.No	Book Title	Published By	Year
1	CCC+BAOU-2 Section – 1 Operating system and Office productivity tools-02	Dr. Babasaheb Ambedkar Open University, Ahmedabad.	2006
2	Certificate in Computer Concept (CCC) Foundation	Dr. Babasaheb Ambedkar Open University, Ahmedabad.	2005
3	Certificate in Computer Concept (CCC) Application	Dr. Babasaheb Ambedkar Open University, Ahmedabad.	2005

Books/Book Chapters Translator :

Sr.No	Book Title	Publish By	Year
1	Introduction to computers Std.12 (Commerce Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2003

Book Reviews :

Sr.No	Book Title	Publish By	Year
1	CCC+BAOU-2 Section – 2 Operating system and Office productivity tools -02	Dr. Babasaheb Ambedkar Open University, Ahmedabad	2006
2	Introduction to computers Std.12 (Science Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2003
3	Introduction to computers Std.12 (Arts Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2003
4	Introduction to computers Std.12 (Science Stream English)	Gujarat State School Textbook Board, Gandhinagar.	2003
5	Introduction to computers Std.12 (Commerce Stream English)	Gujarat State School Textbook Board, Gandhinagar.	2003
6	Introduction to computers Std.12 (Arts Stream English)	Gujarat State School Textbook Board, Gandhinagar.	2003
7	Introduction to computers Std.11 (Commerce Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2002
8	Introduction to computers Std.12 (Science Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2002
9	Introduction to computers Std.12 (Arts Stream Gujarati)	Gujarat State School Textbook Board, Gandhinagar.	2002

Papers Published :

1	"Framework of Information Centers for Villages" at National Seminar on "Role of Management in Rural Development"
2	"GIS Application-land Crop Water and Soil Management" at National Conference on Computer & IT Application in Rural Development (Theme : Rural Development Through IT)
3	"Rural Development Through Expert System (AI) and Web Technology" at National Conference on Computer & IT Application in Rural Development (Theme : Rural Development Through IT)
4	Multi - Tier s/w Architecture at National Seminar "Emerging Technologies & Applications" ETA - 2003 (Saurashtra University)
5	"G.P.S. & Its Application" at National Level Technical Paper Presentation Competition – 2005
6	"Dynamic Web Page with Conversion Process for Converting Database Fields from One Indian Language to other Indian Language" at National Journal of System and Information Technology, Volume-3, December 2010 (ISSN: 0974-3308)
7	"Ethics for Information System" at National Conference Sponsored by U.P.Government Organized by Department of Computer Science, University of Lucknow
8	"Research review of Rules Base Gujarati grammar implementation with the concepts of natural language processing(NLP)" at international conference on recent research and innovations in social science, humanities (ICRRISH-2018)
9	"Research review of User's behavior on E-Commerce base on Opinion Mining Approach" at International Journal of Research in Electronics and computer engineering Vol.6 Issue 3 (July – September 2018)
10	"A comprehensive study of Various regressions Testing Techniques: A Survey" at International Journal of Research in Electronics and computer engineering Vol.6 Issue 3 (July – September 2018)
11	"Comparison and an improved validation optimistic Approach for concurrency control " at International Journal of Scientific Research in computer Science, Engineering and Information Technology (Volume 5 Issue 1/4138)
12	"Research review of User's behavior on E-Commerce based on Opinion Mining Approach" at IJRECE VOL. 6 ISSUE 3 (JULY - SEPTEMBER 2018), ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE)
13	"RESEARCH REVIEW OF RULE BASED GUJARATI GRAMMAR IMPLEMENTATION WITH THE CONCEPTS OF NATURAL LANGUAGE PROCESSING (NLP)" at Conference Proceeding of International Conference on Recent Research and Innovations in Social Science, Humanities (ICRRISH-2018), on 16th September 2018, ISBN: 978-93-87433-39-7
14	"A Comprehensive Study of Various Regressions Testing Techniques: A Survey" at IJRECE VOL. 6 ISSUE 3 (JULY - SEPTEMBER 2018), ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE)

15	"Comparison and an Improved Validation Optimistic Approach for Concurrency Control" at IJSRCSEIT Vol-5, ISSUE -1 (Januaray-February-2019), ISSN: 2456-3307
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Lectures Delivered in Refresher Courses :

1	Refresher Course by Dept. of Lib. & Inf. Sc. Gujarat Vidyapith, Ahmedabad, 2000.
2	Refresher Course by Dept. of Lib. & Inf. Sc. Gujarat Vidyapith, Ahmedabad, 2001.
3	Refresher Course by Department of Rural Economics, Gujarat Vidyapith, Ahmedabad 2002
3	Refresher Course by Academic staff college, Saurashtra University, Rajkot, (RC-184) 2010
4	Refresher Course by Academic staff college, Saurashtra University, Rajkot, (RC-186) 2010
5	Refresher Course by Gujarat University, Department of Computer Science, Ahmedabad, November 2011.
6	Refresher Course by Gujarat University Academic Staff College, Ahmedabad, November 2011.
7	Refresher Course by Gujarat University Department of Computer Science, Ahmedabad January 2012.
8	Refresher Course by Gujarat University Academic Staff College, Ahmedabad, July 2012.
9	Refresher Course by Smt.C.R.Gardi Academic Staff College, Saurashtra University Rajkot, March 2013.
10	Refresher Course by UGC-Academic Staff College, Sardar Patel University, Computer Science (MD), Vallabh Vidhyanagar, December 2014.
11	Refresher Course by UGC-Academic Staff College, Sardar Patel University, ICT Applications (MD), Vallabh Vidhyanagar, December 2014.
12	Refresher Course by UGC: Academic Staff College, Saurashtra University Rajkot, December 2014.
13	Special Summer School:2015 UGC: Human Resource Development Centre, Saurashtra University Rajkot, May 2015.
14	Refresher Course by UGC - Human Resource Development Centre, Sardar Patel University, ICT Applications in Higher Education, Vallabh Vidhyanagar, October 2019.

Radio Talk Delivered

1. IGNOU program on Relevance of computer education in today's society (2001).

Lectures Delivered (National/ Local level Programmes):

1. Delivered a Lecture on "Hypothesis testing" at UGC Sponsored National Workshop on "Exploring Research and its Trends in Computer Science" organized by Gujarat Vidyapith during September 15-19, 2014.

Committee Member:

1. Gujarat University, Ahmedabad, Campus-wide fiber optic backbone network across the University Campus including Department local network – Technical Expert (2009).
2. S.P. University, Vallabh Vidhyanagar, standing committee & meeting (2010).
3. Ganpat University, member of the selection Committee (2010).

Administrative Work:

- Head of the Department of Computer Science from 2000 to 2011 & from 2019 till today.
- Controller of Examinations from last two years.

Board of Studies

1	North Gujarat University, Member of Board of Studies in subject of Computer Science. (2003)
2	GANPAT UNIVERSITY, Member of Board of Studies, three years for Faculty of Computer Application. (2005)
3	Maharaja Krishnakumar Sinhji Bhavnagar University, Member of Board of Studies in subject of Computer Science. (2006)
4	Maharaja Krishnakumar Sinhji Bhavnagar University, Member of Board of Studies in subject of Computer Science. (2009)
5	Gujarat University , Member of Board of Studies for B.C.A. (2010)
6	Gujarat Vidyapith Computer Science (from beginning till today)

Examinership.

Ph.D., Evaluation.

- Maharaja Krishnakumar Sinhji Bhavnagar University, Bhavnagar, Student Name Devershi Mehta Thesis title “A Study of Biogenetic Information Utilizing Bio-Information Tools and Techniques for Biological Research”, (2006).
- Maharaja Krishnakumar Sinhji Bhavnagar University, Bhavnagar, Student Name Somabhai V. Patel Thesis title of “Wireless Sensor Networks : Issues and Remedies”, (2009).
- Veer Narmad South Gujarat University, Surat, Student Name Lal Bihari Barik Thesis title “Standardization of Intelligent Tutoring System for Adaptive Information

Retrieval and Knowledge Discovery by Monitoring Human Interaction”, (2010).

- Bharti Vidyapeeth University, Pune, Student Name Reza Amirpoor Thesis title “An Analytical Study of Wireless and Mobile Computing Security System for Cost Effectiveness”, (2010).
- Dr. Babasaheb Ambedkar Open University, Ahmedabad, Student Name Vimal N. Pandya Thesis title “Information Technology Model for Delivery Mechanism in Education System”, (2010).
- Ganpat University, Kherva, Mehsana, Gujarat, Student Name Priya R. Swaminarayana Thesis title “Study of an University System and its Ontology Development for the Semantic Web Perspective”, (2012).
- North Gujarat University, Patan, Student Name V. V. Nath Thesis title “Study and Analysis of Information Security: Suggesting Strategies for Banking and Financial Services Industry in a Grid Computing Environment”, (2012).
- University of Lucknow, Lucknow, Student Name Suresh Prasad Kammojia Thesis title “Study of Various Models for Prediction of Software Quality”, (2013).
- Veer Narmad South Gujarat University, Surat, Student Name Pushpal Y. Desai Thesis title “The Knowledge Discovery Through Data Mining on Demographic and Citizen Data Warehouse”, (2014).
- Ganpat University, Kherva, Mehsana, Gujarat, Student Name Ketan D. Patel Thesis title “Issues in Improving the Web Usability”, (2017).
- HEMCHANDRACHARYA NORTH Gujarat University, Patan, Student Name Bhemwala Vishalkumar Hasmukhbhai Thesis title “Web Mining : A Comparative study of web usage mining, web content mining, web structure mining & model & technical solution for security”, (2019)
- HEMCHANDRACHARYA NORTH Gujarat University, Patan, Student Name Parikh Tushar Pravinkumar Thesis title “DESIGNING AND PROTOTYPING CYBER SECURITY MODEL”, (2019)
- HEMCHANDRACHARYA NORTH Gujarat University, Patan, Student Name Piyush Om Prakash Arora Thesis title “Broadcast Routing in Vehicular Ad-Hoc Networks for Efficient Delivery Mechanisms”, (2020)

Examiner for P.G., M.Phil., & Ph.D., programmes

- DA-IICT (MSC-ICTARD), Gandhinagar, for Project Evaluation, (2009).
- Gujarat Technological University, Ahmedabad, for Examiner in ME, (2010).
- S.P. University, Vallabh Vidhyanagar, for MCA 6th Semester Project Evaluation(2014).
- Maharaja Krishnakumar Sinhji Bhavnagar University, Bhavnagar, for MCA 6th Semester Project Evaluation (2014).
- Kadi Sarva Vishwavidyalaya, Gandhinagar, Examiner for Entrance Examination for M.Phil.
- Veer Narmad South Gujarat University, Surat, M.Phil. Evaluator of Priti M. Tailor, (2011)
- Veer Narmad South Gujarat University, Surat, M.Phil. Evaluator of Vaishali J. Dindoliwala, (2013).
- Veer Narmad South Gujarat University, Surat, M.Phil. Evaluator of Sandip B. Surati, (2013).
- Jawaharlal Nehru University, New Delhi, M. Tech. Dissertation Evaluator of Jitendra Kumar Verma (2013).
- Veer Narmad South Gujarat University, Surat, M.Phil. Evaluator of Hardik A. Gangadwala, (2015).
- Veer Narmad South Gujarat University, Surat, M.Phil. Evaluator of Medhat Nishaben Ganpatbhai, (2017).