Dr. Birajkumar Vasudev Patel

Qualification : Ph.D. (Computer Science), M.C.A., B.Sc. (Computer Science)
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Affiliation : PG Department of Computer Science as a Lecturer

Summary of Scholastic and Research Activities:

- Working as a Lecturer in the Department of Computer Science since July, 2008.
- Completed Ph.D. (Computer Science) in October, 2013. And as a part of Ph.D. research work developed and implemented a new model of Meta-Search Engine.
- A book published with Dr. Dipti Shah on "Meta-Search Engine Optimization", ISBN-13: 978-3659128936, Publisher: LAP LAMBERT Academic Publishing (February 26, 2014).
- Book Chapters Published (National / International): 05
- Research papers published in various International Journals: 23
- Research papers presented in various National as well as International conferences: 06
- Research papers presented in various State level conferences: 02
- Participated in Refresher Course (Computer Science) at UGC Academic Staff College, Sardar Patel University and Secured 'A' Grade in that. (From 16/12/2013 to 05/01/2014)
- Participated in "7th short term course in Research Methodology" at UGC Academic Staff College, Sardar Patel University, Vallabh Vidyanagar in the month of February-2012.
- Participated as a Ph.D. Scholar in 4th short term course for Ph.D. scholars organized by UGC Academic Staff College, Sardar Patel University, Vallabh Vidyanagar in the month of March-2011.
- Invited as a resource person in one day GUJCOST sponsored seminar on "Data Warehousing and Data Mining" and delivered sessions for whole day on 12/09/2015.
- Invited talks / lectures delivered in other universities / colleges: 11
- Biographical profile published in Who's Who in the World®2016 (33rd Edition) by Marquis Who's Who®, 430 Mountain Avenue, Suite 400, New Providence, NJ 07974.
- Number of workshops attended: 10
- Faculty Development Program (FDP) attended: 03
- Guided 4 M.Sc. (Bio-Informatics) students for the fulfillment of their M.Sc. (Bio-Informatics) – 4th semester. Also, guided more than 50 students of MCA for the fulfillment of their MCA – 5th semester.

- Research Project: Completed one year research project entitled "Designing Model for Product based Search Engine" under SEED GRANT (Rs. 1,00,000.00) sanctioned by Sardar Patel University, Vallabh Vidyanagar.
- Ph. D. (Computer Science) Students Guiding: 03
- Administrative experience:
    1. Working as a placement officer at Department of Computer Science (SPU) since 2009.
    2. Working as a Nodal officer (ACPC Help center for MBA-MCA Admissions) at Department of Computer Science (SPU) since 2014.
    3. Worked as CCC exam Co-coordinator at Department of Computer Science (SPU), (2015-17).
    4. Working as an administrator AICTE web portal interface (Institute level)
    5. Worked as a coordinator for organizing workshops and different activities at Department.

Five Keywords Reflecting Areas of Scholastic/Research Activities:

SEO, Meta-Search Engine Optimization, Data Science, Web application development, Systems Analysis & Design, Compiler Design

Five Recent Publications:

Papers:

- With Dr. Dipti. Shah, "Selection Search on Meta Search Engine" International Journal of Advanced Research in Computer Science (Volume 4, No. 9, July - August, 2013), ISSN 0976 5697 Scientific journal impact factor 3.74 (2012).
- With Dr. Dipti Shah, "Performance Analysis of Meta Search Engine", International Journal of Advanced Research in Computer Science and Software Engineering. ISSN: 2277 128X. (Volume 3, Issue 7, July 2013) (Impact factor 2.08).
- With Dr. Dipti Shah, "Dynamic management of search engine's URLs in meta search engine", International Journal of Advanced Research in Computer Science and Software Engineering. ISSN: 2277 128X. (Volume 3, Issue 8, Aug 2013) (Impact factor 2.08).
- With Dr. Dipti Shah and Mr. Jay Patel, "Fuzzy logic implementation for ranking of search results in meta-search engine in the International journal of Advanced Engineering Research & Studies. ISSN 2249-8974 (Volume 3, Issue 4, July-Sept, 2014).
- With Dr. Dipti Shah, "Implementation of Cloud Computing (Software as a Service) for Product based Search Engine" International Journal of Scientific Research in Science & Technology (Volume 4, Issue 2, Jan - Feb, 2018), ISSN: 2395-602X Impact factor5.327.

Recent Project in Last Five Years:

- Research Project: Completed one year research project entitled **"Designing Model for Product based Search Engine"** under SEED GRANT (Rs. 1,00,000.00) sanctioned by Sardar Patel University, Vallabh Vidyanagar.