

PARTH GOEL

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ACADEMIC QUALIFICATION

Exam	Board/University	Year of Passing	Percentage (%)	Remarks
S.S.C	G.H.S.E.B,GUJ	March-2005	79.00	Distinction
H.S.C	G.H.S.E.B,GUJ	March-2007	83.20	Distinction
B.E	DDU, Nadiad	June 2011	64.93	First Class
M.E	GEC, Modasa - GTU	June 2014	8.32 CPI	Distinction

EXPERIENCE

Academic Experience	Working as an Assistant Professor in Department of Computer Science & Engineering at Babaria Institute of Technology, Varnama, since 25th July 2011
Subjects Taught	Database management system, Operating System, Computer Programming and Utilization, Android Programming, Algorithm Design and Analysis, Distributed Operation System, Big Data Analytics

Cleared Gate 2012 exam with 92.93 percentile.

PROJECTS/THESIS

During Post-Graduation (M.E.):

Title: A Novel Approach to Improve the Performance of Hadoop in Handling Small Files

Tenure: 1 year

Guide: Prof. J. S. Dhobi

During Under-Graduation (B.E.):

Title: Car Repair Billing Application on Android Platform

Completed the project training at **Patni(iGATE) Computers Systems Ltd** at Ghandhinagar.

AREA OF INTEREST

C, Core Java, Android, Data Mining ,Operating System, Distributed Computing, Cloud Computing, Big Data, Machine Learning, Deep Learning

RESEARCH PUBLICATIONS

International Conference:

1. A Performance Analysis of MapReduce Applications on Big Data in Cloud based Hadoop, **4th IEEE International Conference on Information Communication & Embedded Systems**, February 2014.
2. A novel approach to improve the performance of Hadoop in handling of small files, **IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)**, March 2015
3. Modified Fuzzy K-mean clustering using MapReduce in Hadoop and cloud, **IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)**, March 2015

International Journal:

1. **Efficient Ways to Improve the Performance of HDFS for Small Files**, International journal of Computer Engineering and Intelligent Systems(IISTE), January 2014.
2. **Ant Colony Optimized Routing for Mobile Adhoc Networks (MANET)**, International Journal of Smart Sensors and Ad Hoc Networks (IJSSAN), June 2011.

National Conference:

1. **Cloud Computing: A New Technique Useful for Libraries**, National Conference of Digital Libraries, Mumbai, Maharashtra, January 2014.

OTHER RESEARCH ACTIVITIES

Worked on Software/Tools/Frameworks/Open source projects:

- Configured Moodle in Babaria Institute of Technology, December 2011
- Configured Eucalyptus and open nebula private cloud on single and multimode, January 2013
- Configured Single node and Multinode Hadoop cluster in Laboratory as well as in AWS (Amazon web services) public cloud (Using EC2), October 2013
- Worked with SPMF (A Java Open-Source Data Mining Library)
- Worked on Android 2.3 to 5.0
- Worked on Apache Mahout(It is a library of scalable machine-learning algorithms, implemented on top of Apache Hadoop)
- Worked on high-utility pattern mining, sequential pattern mining, association rule mining and Clustering
- Worked on Arduino board for IoT Projects
- Working on OpenCV 3.0 + Machine Learning projects
- Working on Deep Learning libraries TensorFlow, Caffe and Theano

Conference Reviewer:

- Worked as a reviewer in ICIC 2015 (IEEE Conference - Pune)

Achievements:

- Earned a badge from IBM for Hadoop Fundamentals through Big Data University online course, June 2016

Workshops and Conference Attended:

- Attended Ethical Hacking Workshop at Nirma University, February 2010
- Attended Advanced Computing and Big Data Work shop at Charotar University of Science and Technology, Nov 2013
- Attended International Conference on Computer Science and Engineering organized by Inter science Research Network International Conference at Ahmedabad, June 2014
- Attended A Symposium on Eradicating Classroom Boundaries in Effective Teaching organized by Science and Humanity Department at BITS edu campus, Varnama, January 2014
- Attended one day workshop on Open Source for Embedded System Development, Bisag,Gandhinagar, July 2014
- Attended STTP on “Soft Computing”, sponsored by GUJCOST organized by the Department of Computer Science and Engineering at Babaria Institute of Technology, BITS edu campus, Vadodara, December 2014
- Attended STTP on “Recent Trends in Android Applications Development and Advancements in Brain Machine Technology” at V.V.P Engineering College, Rajkot, January 2015
- Worked as faculty Co-ordinator for 2 days Android App Development Workshop in Babaria Institute of Technology, September 2015
- Attended International Workshop on Machine learning and its Applications at South Asian University, New Delhi, April 2016
- Completed online course on Introduction to R from Big Data University, June 2016
- Completed online course on Hadoop Fundamentals from Big Data University, June 2016
- Attended International Conference on Advanced Computing & Communication Technologies(10th ICACCT 2016) at Panipat, November 2016
- Attended “Awareness Workshop on Smart India Hackathon-2017” at L.D.C.E, Ahmedabad, December 2016.