

Dr Pinaki Ghosh

Professor & University Academic Coordinator

School of Advanced Computing
SAGE University
Sahara Bypass, Katara Extension, Bhopal, MP

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ORCID: 0000-0002-4598-9508
Researcher ID: J-4039-2016
Scopus Author ID: 57425106200
Scopus Documents: 15, H-index: 8, Citation: 128
Google Scholar H-index: 11, Citations: 314

- 23 years of experience in teaching UG and PG classes in engineering colleges and universities
- Granted 2 patents and 5 patents published
- Published two books and more than 40 research papers in international journals and conferences
- 4 PhD theses under supervision, 21 MTech dissertations supervised
- Organised multiple seminar and conferences at international and national level
- Member of professional bodies like IEEE, ACM, CSI, ISTE, IAENG
- Member of editorial board and reviewer of various prestigious journals and conferences
- Reviewer of lecture notes published by Springer

WORK HISTORY

Feb'2022 – Present

Professor & University Academic Coordinator
SAGE University, Bhopal, MP

- Involved in teaching, planning, operations, curriculum design, exam conduction and human resources management
- Member, University Core Committee
- Member, Academic Council
- Member, URAC
- Chairman, University Result Committee
- Chairman, DRC
- Chairman, Board of Studies
- Head, Centre of Excellence for Data Analytics and Simulation

Feb'2019 – Feb'2022

Associate Professor & Program Head

Department of Computer Science and Engineering
Chitkara University Institute of Engineering and Technology
Chitkara University, Rajpura, Punjab (NAAC A+)

- Involved in teaching, planning, operations, curriculum design and human resource management
- Member Secretary, Board of Studies
- Coordinator, NAAC (Criteria 1 and 2)
- Member, DRC

- 10/2015 – 02/2019 *Assistant Professor*
 Department of Computer Science and Engineering (*ABET Accredited*)
 School of Engineering and Technology
Mody University of Science and Technology, Lakshmangarh, Rajasthan
- Involved in teaching, planning and curriculum design
 - Coordinator, Time Table Committee
 - Coordinator, ABET and NAAC
 - Member, Board of Studies
- 08/2010 – 10/2015 *Assistant Professor and Head*
 Department of Computer Engineering
Atmiya Institute of Technology and Science, Rajkot, Gujarat
- Involved in teaching, planning, operations and human resource management
 - Coordinator, GTU Examination
 - Coordinator, NBA
- 02/2007 – 08/2010 *Assistant Professor and Head*
 Department of Computer Science and Engineering
Bansal Institute of Science and Technology, Bhopal, MP
- Involved in teaching, planning, operations and human resource management
 - Superintendent of Examination
 - Coordinator, NBA
- 06/2005 – 02/2007 *Sr. Lecturer*
 Department of Computer Science and Engineering
Oriental Institute of Science and Technology, Bhopal, MP
- Involved in teaching and planning
 - Coordinator, NBA
 - Incharge, Time Table Committee
- 01/2005 – 06/2005 *Sr. Lecturer*
 07/2002 – 12/2004 *Lecturer*
 Department of Computer Science and Engineering
Lakshmi Narain College of Technology, Bhopal, MP
- Involved in teaching and planning
 - Member, Time Table Committee
- 07/2000 – 09/2001 *Software Trainer*
All India Society for Electronics and Computer Technology,
 Bhopal, MP
- Involved in teaching, training, software development, maintenance, curriculum development

EDUCATION

- Ph.D (2018) Computer Engineering
 Faculty of Technology, **RK University**, Rajkot, Gujarat
 Title of Dissertation: An Untraceable Mutual Authentication Protocol for Preserving the Privacy of RFID Tags

M.Tech (2004) First Division	Computer Science and Engineering Rajeev Gandhi Proudyogiki Vishwavidyalaya , Bhopal, MP Samrat Ashok Technological Institute, Vidisha, MP Title of Dissertation: Iris Recognition using PCA and LDA
B.E (2000) First Division	Computer Science Barkatullah University , Bhopal, MP Oriental Institute of Science and Technology, Bhopal, MP

GRANTED PATENTS (2)

Multipurpose Desk Utility (Indian Design Patent)
Application Number: 360866-001, Filed on May 17, 2022, Granted on February 24, 2023

Covid19 Intelligent Detection System (Australian Patent)
Application Number: 2021100784, Filed on February 9, 2021, Granted on July 1, 2021

PUBLISHED PATENTS (5)

Parcel Delivery System using Unmanned Aerial Vehicle Thereof (Indian Patent)
Application Number: 202111051349, Filed on November 9, 2021, Published on May 12, 2023

Power Saving System for Operating Machine and Method Thereof (Indian Patent)
Application Number: 202111049806, Filed on October 30, 2021, Published on May 5, 2023

Automatic Wearable Safety Device (Indian Patent)
Application Number: 202111021845, Filed on May 14, 2021, Published on March 10, 2023

Automated Weighing Apparatus (Indian Patent)
Application Number: 202211043323, Filed on July 28, 2022, Published on January 13, 2023

Refrigerator Including System for Tracking Food Freshness (Indian Patent)
Application Number: 202211026000, Filed on May 4, 2022, Published on December 9, 2022

BOOKS (2)

Understanding Machine Learning
Pinaki Ghosh, S Kiran, J Mahalakshmi, SK Altaf Hussain Basha
First Edition, AG Publishing House, ISBN 978-8-1190-2577-0, 2023

Introduction to IOT and its Applications
Pinaki Ghosh, Kirti Jain, Chandan Kumar, Kanchan Jha
First Edition, AG Publishing House, ISBN 978-8-1191-5285-8, 2023

PUBLICATIONS (44)

Scopus (14)

A Hybrid Model for Sentiment Analysis Based on Movie Review Datasets
Kirti Jain, Pinaki Ghosh, Shital Gupta
International Journal on Recent and Innovation Trends in Computing and Communication, Vol 11, Issue 5, 424-431, ISSN 2321-8169, DOI: 10.17762/ijritcc.v11i5s.7082 (2023)

- Artificial Intelligence Based Virtual Machine Allocation and Migration Policy using Improved MBFD
Gurpreet Singh, Lekha Rani, Pinaki Ghosh, Subhanshu Goyal, Amit Vajpayee
IEEE International Conference on Current Development in Engineering and Technology (CCET 2022), Bhopal, India, 1-6, ISBN 978-1-6654-5415-5, DOI: 10.1109/CCET56606.2022.10080691, Dec 23-24, 2022
- A Machine Learning-based Automatic Model to Predicting Performance of Students
Atul Garg, Nidhi Bansal Garg, Pinaki Ghosh, Ankit Bansal, Umesh Kumar Lillhore, Sarita Simaiya
IEEE International Conference on Current Development in Engineering and Technology (CCET 2022), Bhopal, India, 1-5, ISBN 978-1-6654-5415-5, DOI: 10.1109/CCET56606.2022.10080607, Dec 23-24, 2022
- Prediction of the Risk of Heart Attack using Machine Learning Techniques
Pinaki Ghosh, Atul Garg, Sarita Simaiya, UK Lillhore, Devendra Prasad, Ajay Kumar
Data, Engineering and Applications, Lecture Notes in Electrical Engineering, Springer, Vol 907, 613-621, ISBN 978-981-19-4687-5, DOI: 10.1007/978-981-19-4687-5_47 (2022)
- Precise Forecasting of Stock Market Pricing Using Weighted Ensemble Machine Learning Method
UK Lillhore, Sarita Simaiya, Advin Manhar, Shilpi Harnal, Pinaki Ghosh, Atul Garg
Data, Engineering and Applications, Lecture Notes in Electrical Engineering, Springer, Vol 907, 637-647, ISBN 978-981-19-4687-5, DOI: 10.1007/978-981-19-4687-5_49 (2022)
- Breast Cancer Detection in the IoT Cloud-based Healthcare Environment Using Fuzzy Cluster Segmentation and SVM Classifier
UK Lillhore, Sarita Simaiya, Himanshu Pandey, Vinay Gautam, Atul Garg, Pinaki Ghosh
Ambient Communications and Computer Systems, Lecture Notes in Networks and Systems, Springer, Vol-356, 165-179, ISBN 978-981-16-7952-0, DOI: 10.1007/978-981-16-7952-0_16 (2022)
- Role of Swarm Intelligence and Artificial Neural Network Methods in Intelligent Traffic Management
UK Lillhore, Sarita Simaiya, Pinaki Ghosh, Atul Garg, NK Trivedi, Abhineet Anand
Machine Learning and Autonomous Systems, Smart Innovation, Systems and Technologies, Springer, 209-222, ISBN 978-981-16-7996-4, DOI: 10.1007/978-981-16-7996-4_15 (2020)
- Machine Learning-based Model for Prediction of Student's Performance in Higher Education
Atul Garg, UK Lillhore, Pinaki Ghosh, Devendra Prasad, Sarita Simaiya
8th International Conference on Signal Processing and Integrated Networks (SPIN 2021), Noida, India, 162-168, ISBN 978-1-6654-3564-2, DOI: 10.1109/SPIN52536.2021.9565999, August 26-27, 2021
- EEPSA: Energy Efficiency Priority Scheduling Algorithm for Cloud Computing
Sarita Simaiya, Vinay Gautam, UK Lillhore, Atul Garg, Pinaki Ghosh, NK Tiwari, Abhineet Anand
2nd International Conference on Smart Electronics and Communication (ICOSEC 2021), Trichy, India, 1064-1069, ISBN 978-1-6654-3368-6, DOI: 10.1109/ICOSEC51865.2021.9591967, October 7-9, 2021
- IoT based Smart Healthcare Monitoring Systems: A Review
Divyanshu Tiwari, Devendra Prasad, Kalpna Guleria, Pinaki Ghosh
International Conference on Signal Processing, Computing and Control, Solan, India, 465-469, ISBN 978-1-6654-2554-4, DOI: 10.1109/ISPC53510.2021.9609393, October 7-9, 2021
- FOREX Trend Analysis using Machine Learning Techniques: INR vs USD Currency Exchange Rate using ANN-GA Hybrid Approach
Pradeepta Sarangi, Muskaan Chawla, Pinaki Ghosh, Sunny Singh, PK Singh
Materials Today: Proceedings, Vol-49, Part 8, 3170-3176, DOI: 10.1016/j.matpr.2020.10.960 (2021)
- Untraceable Privacy-preserving Authentication Protocol for RFID Tag using Salted Hash Algorithm
Pinaki Ghosh, Mahesh TR
International Journal of Advanced Intelligence Paradigms, Vol-13, Issue 1/2, 193-209, ISSN 1755-0394, DOI: 10.1504/IJAIP.2019.099951 (2019)

A Privacy Preserving Mutual Authentication Protocol for RFID based Automated Toll Collection System

Pinaki Ghosh, Mahesh TR

IEEE International Conference on ICT in Business Industry & Government (ICTBIG 2016), Indore, India, 1-5, ISBN 978-1-5090-5515-9, DOI: 10.1109/ICTBIG.2016.7892668, Nov 18-19, 2016

Design of New Security Algorithm using Hybrid Cryptography Architecture

Manali Dubal, TR Mahesh, Pinaki Ghosh

IEEE International Conference on Electronics Computer Technology, Kanyakumari, India, 99-101, ISBN 978-1-4244-8679-3, DOI: 10.1109/ICECTECH.2011.5941965, April 8-10, 2011

International Journals and Conference Proceedings (27)

Framework for Reducing Response Time using Semi-Distributed Load Balancing

Atul Garg, Pinaki Ghosh, Kamali Gupta, Devendra Prasad

Annals of the Romanian Society for Cell Biology, Vol-12, Issue 1, 1-8, ISSN 1583-6258 (2021)

An m-IoT Framework for Remote Monitoring of ECG Signals

Pinaki Ghosh, Devendra Prasad, Kalpna Guleria

Journal of Advanced Research in Dynamical and Control Systems, Vol-12, Issue 8, 296-300, ISSN 1943-023X, DOI: 10.5373/JARDCS/V12I8/20202477 (2020)

Design and Development of Android Libraries to be Leveraged by Developer for Better Application Automation

Devendra Prasad, Afshan Hassan, Sheikh Aamir Wahid, Pinaki Ghosh

Journal of Computational and Theoretical Nanoscience, Vol-7, Issue 9/10, 4543-4547, ISSN 1546-1955, DOI: 10.1166/jctn.2020.9276 (2020)

Breast Cancer Detection using Genetic Algorithm with Correlation based Feature Selection: Experiment on Different Datasets

Shivani Singla, Pinaki Ghosh, Uma Kumari

International Journal of Computer Sciences and Engineering, Vol-7, Issue 4, 406-410, ISSN 2347-2693, DOI: 10.26438/ijcse/v7i4.406410 (2019)

A Survey on K-Means Clustering in Various Domains

Shivani Singla, Pinaki Ghosh

Mody University International Journal of Computing and Engineering Research, Vol-2, Issue 2, 26-29, ISSN 2456-8333 (2018)

A Review on VAT Photopolymerisation Techniques

Annandita Singh Bhati, Pinaki Ghosh

International Journal of Latest Trends in Engineering and Technology, Sp. Issue of IC3NS, 9-13, ISSN 2278-621X (2018)

A Review on Compressing Image using Neural Network Techniques

Niharika Krishna, Pinaki Ghosh

International Journal for Research in Applied Science & Engineering Technology, Vol-5, Issue 12, 2298-2303, ISSN 2321-9653 (2017)

Survey on Wireless Sensor Network on Energy Efficient Protocols

Bhavini Saraswat, Pinaki Ghosh

International Journal of Science and Research, Vol-6, Issue 5, 1824-1826, ISSN 2319-7064 (2017)

A Survey on Hybrid DE/BBO Approach for Pegasus Protocol

Chetna Singh, Pinaki Ghosh

Mody University International Journal of Computing and Engineering Research, Vol-1, Issue 2, 56-60, ISSN 2456-8333 (2017)

Survey on Wireless Sensor Network for Environment Monitoring

Chetna Singh, Pinaki Ghosh

Mody University International Journal of Computing and Engineering Research, Vol-1, Issue 1, 47-50, ISSN 2456-8333 (2017)

An Assessment on Attacks on Routing Protocols in Wireless Sensor Networks

Sheffy Jindal, Pinaki Ghosh

International Journal of Engineering Research & Technology, Vol-5, Issue 11, 399-404, ISSN 2278-0181, DOI: 10.17577/IJERTV5IS110264 (2016)

Smart City: Concept and Challenges

Pinaki Ghosh, Mahesh TR

International Journal on Advances in Engineering, Technology and Science, Vol-1, Issue 1, 25-27, ISSN 2455-3131 (2015)

Review of Parking Spaces Assistance Schemes in Vehicular Networks

Drashti Baldev, Pinaki Ghosh

International Journal of Advance Engineering and Research Development, Sp. Issue of ETCEE, ISSN 2348-4470, DOI: 10.21090/IJAERD.C1020309 (2015)

A Performance Comparison of Various Energy Efficient Algorithm on AODV Protocol in MANET

HC Detroja, NC Kaneriy, Pinaki Ghosh

International Journal of Advance Engineering and Research Development, Sp. Issue of ETCEE, ISSN 2348-4470, DOI: 10.21090/IJAERD.C1043310 (2015)

Secure Method for AODV Routing by Detection and Prevention of Collaborative Blackhole Attack in MANET

Payyappilly Priya Jeejo, Pinaki Ghosh

International Journal of Computer Science and Mobile Computing, Vol-4, Issue 6, 562-569, ISSN 2320-088X (2015)

Performance Study of AODV Protocol during Collaborative Blackhole Attack in MANET

Payyappilly Priya Jeejo, Pinaki Ghosh

International Journal of Universal Science & Technology, Vol-1, Issue 2, 5-8, ISSN 2454-3470 (2015)

Identification and Elimination of Selfish Nodes in Adhoc Network

Sheetal Nagar, Divan Raimagia, Pinaki Ghosh

International Journal of Engineering Research and Development, Vol-10, Issue 4, 29-34, ISSN 2278-067X (2014)

Review and Proposed Work for MODI-LEACH for Improvement of LEACH for Energy Consumption in Wireless Sensor Networks

Shekhar Vyas, Pinaki Ghosh

International Journal of Advance Engineering and Research Development, Vol-1, Issue 3, 174-179, ISSN 2348-6406, DOI: 10.21090/IJAERD.010325 (2014)

Group Caching: A novel Cooperative Caching scheme for Mobile Ad Hoc Networks

Suhani Trambadiya, Pinaki Ghosh, JN Rathod

International Journal of Engineering Research and Development, Vol-6, Issue 11, 23-30, ISSN 2278-800X (2013)

Timely Event-based Confide System using Social Networking

Niraj Bhagchandani, Nilesh Padhariya, Pinaki Ghosh

International Journal of Emerging Trends and Technology in Computer Science, Vol-2, Issue 2, 259-263, ISSN 2278-6856 (2013)

Service-based Trusted System using Social Networking

Hardik Jagad, Nilesh Padhariya, Pinaki Ghosh

International Journal of Emerging Trends and Technology in Computer Science, Vol-2, Issue 2, 264-

268, ISSN 2278-6856 (2013)

Importance of Cooperative Caching in Mobile Data Management

Suhani Trambadiya, Pinaki Ghosh, JN Rathod

Journal of Information, Knowledge and Research in Computer Engineering, Vol-2, Issue 2, 334-336, ISSN 0975-6760 (2013)

Intrusion Detection in Wireless Ad-hoc Networks

Banshilal Patidar, Pinaki Ghosh

Journal of Information Security Research, Vol-1, Number 3-4, 111-117, ISSN 0976-4143 (2010)

Evaluation of Cooperative Blackhole Attack in AODV Routing Protocol in MANET

Rupali Goyal, Pinaki Ghosh

International Journal of Science and Technology, Vol-1, Number 2, 161-170, ISSN 0976-3074 (2010)

Evolution of Lossless Image Compression using Desclarious Family Wavelets

Urmila Mahor, Pinaki Ghosh

International Conference on Trends and Advances in Computation and Engineering, Bhopal, India, February 25-26, 2010

Evolution of Lossless Still Image Compression Method based on Low Complexity Lossless Compression & DWT

Urmila Mahor, Pinaki Ghosh

International Conference on Recent Trends in Soft Computing and Information Technology, Bhopal, India, January 9-10, 2010

A Cost Effective Iris Recognition System using Linear Discrimination and Cross Correlation

Pinaki Ghosh, Sanjay Silakari, AK Ramani

International Conference on E-Business and Telecommunication Networks, Setubal, Portugal, V2 140-145, ISBN 972-8865-15-5, DOI: 10.5220/0001388201460151, August 24-28, 2004

National Conference Proceedings (3)

Review and Proposed work for MODB-LEACH for Improvement of LEACH for Energy Consumption in Wireless Sensor Networks

Shekhar Vyas, Pinaki Ghosh

National Conference on Emerging Trends in Computer and Electrical Engineering, Rajkot, Gujarat, 29-33, ISBN 978-81-906385-1-7, March 7-8, 2014

Identifying Distribution of Illegal Copies of File by Monitoring of P2P Network

Arjun Sojitra, Ankit Savaliya, Chintan Varnagar, Pinaki Ghosh

National Conference on Emerging Trends in Computer and Electrical Engineering, Rajkot, Gujarat, 87-90, ISBN 978-81-906385-1-7, March 7-8, 2014

Devised Formulations for Improving the Lifetime and Energy of Network for Location based Routing Scheme in Wireless Sensor Network

Surabhi Mishra, Pinaki Ghosh

National Conference on Innovative and Emerging Technologies, Mehsana, Gujarat, 250-253, ISBN 978-81-925650-0-2, January 24-25, 2013

PROFESSIONAL AFFILIATIONS AND MEMBERSHIP

Membership of Professional Bodies

- Institute of Electrical and Electronics Engineers (IEEE) [93378537]
- Association for Computing Machinery (ACM) [3143920]
- Computer Society of India (CSI) [I1500478] – Life Member
- Indian Society for Technical Education (ISTE) [LM81293] – Life Member

- International Association of Engineers (IAENG) [158711]
- Computer Science Teachers Association (CSTA) [41112391]

Peer-Reviewed Journals and Proceedings

- *Journal of Information Processing Systems (JIPS)*, ISSN: 2092-805X(Online) 1976-913X(Print), **Associate Editor**
- *International Journal of Computer Graphics and Animation (IJCGA)*, ISSN: 2231-3281(Online) 2231-3591(Print), **Editorial Board**
- *International Journal on Computational Science and Applications (IJCSA)*, ISSN: 2200-0011, **Reviewer**
- *International Journal of Cyber-Security and Digital Forensics (IJCSDF)*, ISSN: 2305-0012, **Reviewer**
- *Proceedings of National Conference on Emerging Trends in Computer Electrical and Electronics Engineering (ETCEE 2015)*, ISBN: 978-81-906220-4-2, **Editor**
- *Proceedings of National Conference on Emerging Trends in Computer and Electrical Engineering (ETCEE 2014)*, ISBN: 978-81-906385-1-7, **Editor**

International Conferences and Workshops

- *2nd International Conference on Current Development in Engineering and Technology (CCET-2023)*, Bhopal, India, December 29-30, 2023, **General Chair**
- *17th KIPS International Conference on Ubiquitous Information Technologies and Applications (CUTE-2023)*, Nha Trang, Vietnam, December 18-20, 2023, **Program Committee**
- *International Conference on Current Development in Engineering and Technology (CCET-2022)*, Bhopal, India, December 23-24, 2022, **Program Committee Chair**
- *15th International Conference on Ubiquitous Information Technologies and Applications (CUTE-2021)*, Jeju, Korea, December 15-17, 2021, **Program Committee**
- *14th International Conference on Ubiquitous Information Technologies and Applications (CUTE-2019)*, Macao, China, December 18-20, 2019, **Program Committee**
- *13th International Conference on Ubiquitous Information Technologies and Applications (CUTE-2018)*, Kuala Lumpur, Malaysia, December 17-19, 2018, **Program Committee**
- *3rd International Conference on Computing: Communication, Networks and Security (IC3NS-2018)*, Lakshmangarh, India, February 23-24, 2018, **Secretary Technical Program Committee**
- *12th International Conference on Ubiquitous Information Technologies and Applications (CUTE-2017)*, Taichung, Taiwan, December 18-20, 2017, **Program Committee**
- *International Workshop on Sustainable Computing and Advanced IT Services (SusComIT-2016)*, Beijing, China, April 20-22, 2016, **Program Committee**
- *2nd International Conference on Signal and Image Processing (SIGPRO-2016)*, Chennai, India, April 2-3, 2016, **Program Committee**
- *10th International Conference on Ubiquitous Information Technologies and Applications (CUTE 2015)*, Cebu, Philippines, December 15-17, 2015, **Program Committee**
- *IEEE International Symposium on Advanced Computing and Communication 2015*, Silchar, India, September 14-15, 2015, **Technical Program Committee**
- *International Workshop on Internet of Things and Sensors (IoT 2015)*, Jeju, Korea, February 24-26, 2015, **Program Committee**
- *9th International Conference on Ubiquitous Information Technologies and Applications (CUTE 2014)*, Guam, USA, December 17-19, 2014, **Program Committee**
- *International Conference on Creative Converged IT (CCIT 2014)*, Zhangjiajie, China, May 28-31, 2014, **Program Committee**

National Conferences and Workshops

- *National Conference on Computing and Informatics (NCCI-2015)*, Lakshmangarh, India, December 2, 2015, **Organizing Committee and Session Chair**

- *National Conference on Emerging Trends in Computer, Electrical and Electronics (ETCEE-2015)*, Rajkot, India, March 13-14, 2015, **Convenor**
- *National Conference on Emerging Trends in Computer and Electrical Engineering (ETCEE-2014)*, Rajkot, India, March 7-8, 2014, **Organizing Secretary**
- *National Training Workshop on Self-Management of Excessive Tension (SMET-2013)*, Rajkot, India, February 3, 2013, **Organizing Committee**
- *CSI Sponsored Faculty Development Programme in Data Mining*, Bhopal, India, April 2008, **Coordinator**
- *AICTE Sponsored Staff Development Programme in Pattern Recognition in Neural Networks*, Bhopal, India, January 16-28, 2006, **Organizing Committee**

Book Chapters Reviewed

- *Advances in Computer Science and Ubiquitous Computing: CSA-CUTE*, Lecture Notes in Electrical Engineering, Vol. 474, Springer, ISBN: 978-981-10-7604-6 (2017)
- *Advances in Computer Science and Ubiquitous Computing: CSA & CUTE*, Lecture Notes in Electrical Engineering, Vol. 373, Springer, ISBN: 978-981-10-0280-9 (2015)
- *Computer Science and Its Applications: Ubiquitous Information Technologies*, Lecture Notes in Electrical Engineering, Vol. 330, Springer, ISBN: 978-3-662-45401-5 (2014)
- *Ubiquitous Information Technologies and Applications*, Lecture Notes in Electrical Engineering, Vol. 280, Springer, ISBN: 978-3-642-41670-5 (2013)

TRAINING AND CERTIFICATION

- *Advanced RDBMS using DB2*, IBM Career Education Program, Mody University, Lakshmangarh, (June 14-15, 2017)
- *Information Management Basics using IBM DB2*, IBM Career Education Program, Mody University, Lakshmangarh, (June 12-13, 2017)
- *Mobile Application Development using Android*, Gujarat Technological University, Ahmedabad, (April 21-22, 2012)
- *IBM Certification in DB2 Database and Application Fundamentals* (2011)
- *Object Oriented Analysis and Design using UML with Essentials of Rational Software Architect*, IBM Software Education Program, Atmiya Institute of Technology and Science, Rajkot, (November 15-18, 2011)
- *IBM Rational Application Development*, IBM Software Education Program, Atmiya Institute of Technology and Science, Rajkot, (December 1-4, 2010)
- *Faculty Enablement Program on Foundational Computer Science Courses*, Infosys Technologies Limited, Bhubaneswar, (Feb-March, 2005)
- *Staff Development Program for Engineering College Faculty (Phase-II)*, Technical Teachers' Training Institute (now NITTTR), Bhopal, (October 18-22, 2003)
- *Staff Development Program for Engineering College Faculty (Phase-I)*, Technical Teachers' Training Institute (now NITTTR), Bhopal, (June 9-13, 2003)

PERSONAL INFORMATION

Father's Name	(Late) Anil Chandra Gope
Gender	Male
Date of Birth	July 3, 1978
Nationality	Indian
Languages Known	Bengali (Native)
	Proficient in English and Hindi
Address	A-601, Sagar Pearl Phase - II, Hoshangabad Road, Jatkhedhi, Bhopal - 462 047, MP
Alternate Contact Number	+91 9426 419784