

# Kaberi Das

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## Dr. Kaberi Das

Assistant Professor, Department of Computer Application  
Institute of Technical Education and Research,  
Siksha 'O' Anusandhan Deemed to be University  
Jagmohan Nagar, Jagamara, Khandagiri-750030  
Bhubaneswar, Odisha, India



## ACADEMIC DETAILS

Exam Passed	Board/ University	Year of passing	Specialization	% of marks/ CGPA*
Ph.D.	Siksha 'O' Anusandhan University, Bhubaneswar, Odisha	2016	Computer Sc. & Engineering (Data Mining and Soft Computing)	Awarded
M. Tech.	Kalinga Institute of Industrial Technology(KIIT) University, Bhubaneswar, Odisha	2006	Computer Sc. & Engineering	8.25 CGPA
MCA	Utkal University	2002	Computer Applications	71%
+3 Sc.	Utkal University	1998	Zoology(H),Chemistry, Botany	60%
+2 Sc.	Council of Higher Secondary Education, Cuttack, Odisha	1995	Physics, Chemistry, Math, Biology	58%
10 <sup>th</sup>	Board of Secondary Education, Odisha	1993	Math, Science, History, English, Geography, Civics	74%

## EMPLOYMENT RECORDS

Name and address on employer/ Institution	Period of service		Designation	Scale of Pay	Work description	Total period of employment
	From	To				
Institute of Technical Education and Research, Siksha 'O' Anusandhan University, BBSR, Odisha	21st July, 2008	Till Date	Assistant Professor	Basic 28990 GP 8000	Teaching and Research	Approx. 8 Years 10 months
College of Engineering Bhubaneswar, Patia, BBSR, Odisha	19 <sup>th</sup> July, 2007	20 <sup>th</sup> July,2008	Lecturer	14,560/- (Consolidated)	Teaching and Research	12 Months
Ajay Binaya Institute of Technology, Cuttack, Odisha	06/01/2003	18th July,2007	Lecturer	8,225/- 12000	Teaching	4 Years 6 Months 12 days

**AREA OF SPECIALIZATION:** Data mining, Operating System, Software Engineering

## **PUBLICATION DETAILS**

### **INTERNATIONAL JOURNALS**

#### **2017**

1. D. Patra, S. Mishra, K. Shaw, **Kaberi Das**, "Impact of Learning Algorithm on Gene Expression Dataset", *International Journal of Pharma and Bio Sciences (IJPBS)*, Vol. 8 (2), pp. 389-394, 2017. **(SCOPUS Indexed Publication)**

#### **2016**

2. **Kaberi Das**, Debahuti Mishra, Kailash Shaw "A Hybridized Meta-Heuristic Informative Gene Selection Approach Embedding Harmony Search in Genetic Algorithm", *Informatics in Medicine Unlocked*, Vol. 4, pp. 10-20, 2016. **(Elsevier, SCOPUS Indexed Publication)**
3. **Kaberi Das**, Debahuti Mishra, "Hybridized Univariate and Multivariate Filter Based Approaches for Gene Selection" *International Journal of Pharma and Bio Sciences (IJPBS)*, Vol.7, Issue-3, pp. 1215-1226, 2016. **(SCOPUS Indexed Publication)**.

#### **2015**

1. **Kaberi Das**, Jagannath Ray, Debahuti Mishra, "Gene Selection Using Information Theory and Statistical Approach", *Indian Journal of Science & Technology (INDJST)*. ISSN (Print): 0974-6846, ISSN (Online): 0974-5645 Vol. 8, Issue-8, pp. 695-701, Apr-2015. **(SCOPUS Indexed Publication)**

#### **2014**

1. Lipismita Panigrahi, **Kaberi Das**, Debahuti Mishra, "Missing Value Imputation Using Hybrid Higher Order Neural Classifier", *Indian Journal of Science & Technology (INDJST)*. ISSN (Print): 0974-6846, ISSN (Online): 0974-5645 Vol. 7, Issue-12, pp. 2007-2014, Dec-2014. **(SCOPUS Indexed Publication)**

#### **2013**

1. Meena Moharana, **Kaberi Das**, Debahuti Mishra "Evolutionary Computing Strategies for Gene Selection", *International Journal of Computer Trends and Technology (IJCTT)*, (ISSN): 2231-2803 Vol. 4, Issue-6, pp. 1852-1857, June-2013.
2. Sitanshu Mohanty, **Kaberi Das**, Debahuti Mishra, Ruchi Ranjan, "Cluster Validity Indices for Gene Expression Data," *International Journal of Computer Trends and Technology (IJCTT)*, ISSN 2231-2803, Vol. 4, No. 5, pp. 1465-1470, May, 2013.
3. Smruti Rekha Das, Pradeepta Kumar Panigrahi, **Kaberi Das** and Debahuti Mishra, "Improving RBF Kernel Function of Support Vector Machine using Particle Swarm Optimization", *International Journal of Advanced Computer Research (IJACR)*, (ISSN (print): 2249-7277 ISSN (online): 2277-7970) Vol. 2 No.4, Issue-7, pp. 130-135, December-2012, (DOAJ, ProQuest, Scribd, Base, GetCited, Genamics, UlrichsWeb, Computer Science Directory, Open Access, Science Central.com Scirus, WorldCat, refSeek, EBSCO Host) (IC Value-4.15).

#### **2011**

1. Ardhendu Tripathy, **Kaberi Das**, Tripti Swarnkar, "Pervasive SAS Techniques for Designing a Data Warehouse for an Integrated Enterprise: An Approach towards Business Process", *International Journal of Computer Science & Information Technology (IJCSIT)* (Vol.2, Issue-2), pp. 853-861, ISSN-0975-9646, March-April-2011.

2. Chinmaya Ku. Mishra, B.M. Acharya, **Kaberi Das**, ParthaSarathiPati, "EX SMAC: An Adaptive Low Latency Energy Efficient MAC Protocol", *International Journal on Computer Science and Engineering(IJCSE)* (Vol. 3, Issue-4), pp. 1485, 1490, ISSN: 0975-339, Apr-2011.
3. MsAdyashaSahu, MsTriptiSwarnkar, **MsKaberi Das**, "Estimation Methods for Microarray Data with Missing Values: A Review", *International Journal of Computer Science & Information Technology(IJCSIT)* (Vol.2, Issue-2), pp. 614-620, ISSN-0975-9646, March-April 2011.
4. MsAnupama Das, **Ms.Kaberi Das**, Prof (Dr) B.Puthal, "Improving Software Development Process through Data Mining Techniques Embedding Alitheia Core Tool", *International Journal of Computer Science & Information Technology(IJCSIT)*, (Vo.2, Issue-2), pp. 2011, 629-632, ISSN-0975-9646, March-April 2011.
5. Archana Dash, MamataNayak, TriptiSwarnkar, **Kaberi Das**, "Accomplishments & Key Challenges in Post Genome Era of Bioinformatics: An Advancement", *International Journal of Computer Science & Information Technology(IJCSIT)* (Vol.2, Issue-2), pp. 812-816, ISSN-0975-9646, March-April 2011.

## 2010

1. NiharikaPujari, Debahuti Mishra, **Kaberi Das**, "Query Reformulation: Data Integration Approach to Multidomain Query Answering System", *International Journal of Computer Communication and Technology (IJCCT)*, Vol. 2, No.1, 2010, pp.66-74, ISSN (Print):0975-7449; ISSN (Online) 0975-7449; Interscience Journals, India.

## CONTRIBUTED BOOK CHAPTERS

### 2011

1. ArdhenduTripathy, **Kaberi Das**, TriptiSwarnkar, "Dimensionality Reduction of Data warehouse using Wavelet Transformation: An enhanced approach for business process", *Proceedings- of Springer LNCS-CCIS, Second International Conference on Advances in Communication, Network, and Computing (CNC 2011)*(**SCOPUS-Indexed-Publication**)
2. ArdhenduTripathy, **Kaberi Das**," A Descriptive Approach towards DW and OLAP Technology: An Overview", *Proceedings- of Springer LNCS- CCIS, Second International Conference on Recent Trends in Information, Telecommunication and Computing (ITC 2011)*.(**SCOPUS-Indexed-Publication**)

## INTERNATIONAL CONFERENCE

### 2012

1. **Kaberi Das**, PremPujariPati, Debahuti Mishra and LipismitaPanigrahi, "Empirical Comparison of Sampling Strategies for Classification," *Procedia Engineering*, Vol. 38, pp. 1072-1076, ISSN: 1877-7058, 2012, Elsevier publication. (**SCOPUS Indexed Publication**)
2. SmrutiRekha Das, **Kaberi Das**, Debahuti Mishra, Kailash Shaw and Sashikala Mishra, "An Empirical Comparison Study on Kernel Based Support Vector Machine for Classification of Gene Expression Data Set," *Procedia Engineering*, Vol. 38, pp. 1340-1345, ISSN: 1877-7058, 2012, Elsevier publication. (**SCOPUS Indexed Publication**)
3. Anurag Pal, Debahuti Mishra, Shruti Mishra, Sandeep Kumar Satapathy and **Kaberi Das**, "A Study on Protein (P-glycoprotein) Homology Detection using Hidden Markov Model," *Procedia Engineering*, Vol. 38, pp. 3541-3546, ISSN: 1877-7058, 2012, Elsevier publication. (**SCOPUS Indexed Publication**)
4. LipismitaPanigrahi, **Kaberi Das**, Debahuti Mishra and RuchiRanjan, "Removal and Interpolation of Missing Values using Wavelet Neural Network for Heterogeneous Data Sets," *International Conference on Advances in Computing, Communications and Informatics'12*, pp. 1004-1009, DOI: 10.1145/2345396.2345558. Organized by [RMK Engineering College](#), Chennai, from 3rd to 5th August, 2012. Proceeding published by ACM Digital Library. (**SCOPUS Indexed Publication**)

5. PremPujariPati, **Kaberi Das**, Debahuti Mishra, Shruti Mishra and LipismitaPanigrahi, "Sampling Correctly for Improving Classification Accuracy: A Hybrid Higher Order Neural Classifier (HHONC) Approach," *International Conference on Advances in Computing, Communications and Informatics'12*, Organized by [RMK Engineering College](#), Chennai, from 3rd to 5th August, 2012, pp. 97-101, DOI: 10.1145/2345396.2345412. Proceeding published by ACM Digital Library. (**SCOPUS Indexed Publication**)

#### **2008**

1. A.Tripathy, **K.Das**, "A Data Mining Approach for Lossless image Compression using lzw followed by co-relation", *International Conference on Digital Factory(ICDF-2008)* organized by Coimbatore Institute Of Technology, Coimbatore.

#### **NATIONAL JOURNALS**

1. Debahuti Mishra, **Kaberi Das**, Tanushree Jena and Sashikala Mishra, "Query Enticing Technique For Improvisation of Result Ranking" *The Research Network, Journal of Creative Thinkers*, Vol. VI, No. 3, ISSN No. 0975 0571, pp. 10-15, Sept-2009, Siksha O Anusandhan University, Bhubaneswar.

#### **NATIONAL CONFERENCE**

##### **2008**

1. B.Mohapatra, B.Puthal, **K. Das**, D.Mishra, "Optimal Route search in mobile ad-hoc network using ant colony optimization", *National Conference on Computational Learning Theory(NCLT-2008)* organized by CEB, Bhubaneswar.

##### **2007**

1. **K. Das**, A.Tripathy, "A Design Methodology for Loss less Image Compression using Vector Quantization & Run length Encoding", *National Conference on Soft Computing (NCSC-07)* organized by CEB in collaboration with OITS, Bhubaneswar.

#### **INTERNATIONAL CONFERENCE/SYMPOSIUM/WINTER SCHOOL/ SUMMER SCHOOL ORGANIZED**

- o TROPMET 2016, National Symposium on Tropical Meteorology: Climate Change and Coastal Vulnerability from 18<sup>th</sup> to 21<sup>st</sup> December, 2016.
- o 2015 IEEE Power, Communication and Information Technology Conference (PCITC 2015) International Conference (DST Sponsored) from 15<sup>th</sup> to 17<sup>th</sup> October, 2015.
- o Fifth Joint International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO) and Fuzzy and Neural Computing (FANCCO) in association with SPRINGER and DST, 19<sup>th</sup> to 21<sup>st</sup> December, 2014.
- o Intelligent Computing, Communication & Devices (ICCD-2014) in association with Springer from 18<sup>th</sup> to 19<sup>th</sup> April, 2014.
- o Summer School on Advances in Computational Intelligence (SSACI-2014) in association with Calcutta Chapter of the IEEE Computational Intelligence Society from 14<sup>th</sup> to 15<sup>th</sup> April, 2014.
- o Annual Convention of Indian National Academy of Engineers (INAE) at ITER from 13<sup>th</sup> to 16<sup>th</sup> December, 2013.
- o 3rd National Workshop on Computational intelligence, Theories, future directions and Applications (NWCI 2013) at ITER, BBSR, 12<sup>th</sup> July 2013.
- o Joint International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO) and Fuzzy and Neural Computing (FANCCO) in association with SPRINGER 21<sup>st</sup> to 23<sup>rd</sup> December, 2012.

- o IEEE International Conference on Energy, Automation and Signals(ICEAS 2011) in association with INAE, DST and IEEE, 28<sup>th</sup> to 30<sup>th</sup> December, 2011.
- o International Symposium on Bio-inspired Computing (BICA-09) in Collaboration with IEEE, Systems and Cybernetics at ITER from 21<sup>st</sup> to 22<sup>nd</sup> December 2009.

## **NATIONAL WORKSHOP/CONFERENCE ORGANIZED**

- o One day tutorial on Smart Grid, Sustainable Energy, Power System and Power Electronics, FACTS Devices in association with IEEE on 27<sup>th</sup> December, 2011.
- o Winter School on Computational Intelligence: Algorithms and Applications in association with IEEE Computational Intelligence, Calcutta Chapter from 26<sup>th</sup> to 27<sup>th</sup> December, 2011.
- o Workshop on Soft Computing Applications (WSCA'11), jointly organized by SOA University and ISI Kolkata from 13<sup>th</sup> to 15<sup>th</sup> January, 2011.
- o National Workshop on Swarm Intelligence: Theory and Applications (NWSITA-2010)  
Sponsored by Dept. of Science and Technology (DST), New Delhi at ITER from 20<sup>th</sup> to 21<sup>st</sup> March, 2010.
- 2. National Conference on Computational Biology (NCCB-09), Sponsored by Dept. of Science and Technology (DST), New Delhi at ITER, from 28<sup>th</sup> to 29<sup>th</sup> December, 2009.
- o National Conference on Soft Computing (NCSC-07) organized by CEB in collaboration with OITS Bhubaneswar on 17<sup>th</sup> November, 2007.
- o Workshop on Advanced Operating System organized by Department of Computer Science & Engineering and Information Technology, CEB in collaboration with OITS, Bhubaneswar from 8<sup>th</sup> to 10<sup>th</sup> December 2007.

## **GUEST LECTURES ORGANIZED**

- o One day talk on High Performance Computing by Prof. L. M. Pattnaik, Professor, Indian Institute of Science, Bangalore at Seminar Hall, School of CSE, ITER, on 14<sup>th</sup> February, 2014.
- o One day talk on Pattern Classification by SVM by Dr. Sumit Gupta at Seminar Hall, School of CSE, ITER, on 14<sup>th</sup> January, 2014.
- o One day talk on Shared Storage and Network File System, by Mr. Bikas Kumar Roy Choudhury, Solutions Architect, NetApp, California, USA at ITER Conference hall, on 17<sup>th</sup> February, 2012.
- o One day guest lecture on Application Oriented Networking by Prof. (Dr.) L. N. Bhuyan, University of California, Riverside, USA at ITER, Conference Hall on 20<sup>th</sup> July, 2011.
- o One day guest lecture on Effective Undergraduate Teaching and Opportunities for Teaching Faculty by Prof. (Dr.) SubratKar, IIT Delhi at University Conference hall, SOA University, Bhubaneswar, on 14<sup>th</sup> July, 2011.
- o One day guest lecture on Neuro-computing by Prof. Asish Ghosh, Machine Intelligence Unit, ISI, Kolkata at ITER, on 1<sup>st</sup> November, 2010.
- o One day guest lecture on Association Rule Mining for Classification by Prof. Asish Ghosh, Machine Intelligence Unit, ISI, Kolkata at ITER, on 30<sup>th</sup> October, 2010
- o One day guest lecture on Object Oriented Software Engineering by Prof. (Dr.)P. K. Pattanaik, MIET, at ITER, Bhubaneswar on 23<sup>rd</sup> April, 2010.
- o A one day seminar on Research Methodology at ITER by Prof. P.K. Nanda, Prof. Dept. of ECE, ITER on 25<sup>th</sup> November, 2009.
- o A one day seminar on Soft Computing at ITER by Prof. Asish Ghosh, Prof. Dept. of Machine Intelligence Unit, ISI Kolkata on 30<sup>th</sup> August, 2009.

## WORKSHOPS/CONFERENCES ATTENDED

### 2015

- o Power, Communication and Information Technology Conference (PCITC 2015) International Conference (DST Sponsored) from 15<sup>th</sup> October to 17<sup>th</sup> October, 2015,

### 2014

- o Fifth Joint International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO) and Fuzzy and Neural Computing (FANCCO) in association with SPRINGER and DST from 19<sup>th</sup> to 21<sup>st</sup> December, 2014.
- o Summer School on Advances in Computational Intelligence (SSACI 2014), Organized by Calcutta Chapter of the IEEE Computational Intelligence Society and SOA University, Bhubaneswar from 14<sup>th</sup>-15<sup>th</sup> April, 2014.
- o International Conference on Intelligent Computing, Communications, and Devices (ICCD2014), ITER, Bhubaneswar, from 18<sup>th</sup>-19<sup>th</sup> April, 2014.

### 2013

- o 3rd National Workshop on Computational intelligence, Theories, future directions and Applications (NWC I 2013), ITER, BBSR, on 12<sup>th</sup> July 2013.

### 2012

- o Joint International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO) and Fuzzy and Neural Computing (FANCCO) in association with SPRINGER from 21<sup>st</sup> to 23<sup>rd</sup> December, 2012.
- o International Conference on Modelling, Optimisation and Computing (ICMOC 2012), organized by Department of Mechanical Engineering, Noorul Islam Centre for Higher Education, Kumarakoil, Kanyakumari District,, TamilNadu, India from 10<sup>th</sup> to 11<sup>th</sup> April, 2012.

### 2011

- o IEEE International Conference on Energy, Automation and Signal (ICEAS 2011), atBhubaneswar from 28<sup>th</sup>-30<sup>th</sup> December, 2011.
- o One day workshop on "Machine Intelligence and Applications" by Prof. A.K. Ghosh, ISI Kolkata, Prof. S. Padhy, IIIT Bhubaneswar and Prof. S. K. Pal, ISI Kolkata at ITER conference hall on 14<sup>th</sup> October, 2011.
- o Workshop on Soft Computing and its Application,WSCA "11 organized by ISI, Kolkata and SOA University from 13<sup>th</sup> to 15<sup>th</sup> January,2011.

### 2010

- o National Workshop on Swarm Intelligence: Theory and Applications (NWSITA-2010), Sponsored by Dept. of Science and Technology (DST), at ITER, from 20<sup>th</sup> to 21<sup>st</sup> March,2010.

### 2009

- o International Symposium on Bio-inspired Computing (BICA-09) in Collaboration with IEEE, Systems and Cybernetics at ITER from 21<sup>st</sup> to 22<sup>nd</sup> December, 2009.
- o National Conference on Computational Biology (NCCB-09) at ITER, from 28<sup>th</sup> to 29<sup>th</sup> December, 2009.
- o National Conference on Sensor Adhoc-Network (NSAN-08) organized by CEB, Bhubaneswar, from 10<sup>th</sup> to 11<sup>th</sup> October, 2009.

### 2008

- o National Conference on Data mining & Application (NCDMA-2008) organized by Trident Academy of Technology,from 23<sup>rd</sup>to 24<sup>th</sup> March, 2008 2007
- o 10th UNe GOV.net Network-Building , Workshop on Electronic Governance in Emerging & Developing Countries organized by KIIT University from 21<sup>st</sup> to 23<sup>rd</sup> December,2007.

- o Workshop on Advanced Operating System organized by Department of Computer Science & Engineering and Information Technology, CEB in collaboration with OITS , Bhubaneswar, from 8<sup>th</sup> to 10<sup>th</sup> December, 2007.
- o National Conference on Soft Computing(NCSC-07) organized by Department of Computer Science & Engineering and Information Technology, CEB in collaboration with OITS , Bhubaneswar, on 17<sup>th</sup> November, 2007.

## **SEMINARS/ GUEST LECTURES ATTENDED**

### **2017**

- o An awareness program on "PATENT Filing" by Prof. S.K. Kamilla, at ITER, SOAU, Bhubaneswar on 3<sup>rd</sup> April, 2017.
- o Seminar on "Big Data: Challenges and Issues" by Prof. L.M. Pattnaik, Adjunct Professor and INSA Senior Scientist, Consciousness Studies Program, National Institute of Advanced Studies, Indian Institute of Science, Bangalore at ITER, SOAU, Bhubaneswar, on 20<sup>th</sup> Feb, 2017.

### **2016**

- o One day talk on Clustering with Consensus by Prof. IshwarSethi, Oakland University on 4<sup>th</sup> May, 2016.
- o One day talk on "Knowledge Discovery tasks - Learning from Data" by Dr. RajendraPrasath R postdoctoral fellow at the National University of Ireland, University College Cork (UCC), Cork, Ireland on 31<sup>st</sup> March, 2016.
- o One day guest lecture on "Cloud Computing" by Professor Florin PopentiuValdicescu, City University, UNESCO chair in Information and Communication Engineering, London on 23<sup>rd</sup> January, 2016.

### **2015**

- o One day Workshop on "Reasoning-based Intelligent Systems" by Prof. Kazumi Nakamatsu, University of Hyogo, Japan on 18<sup>th</sup> November, 2015.
- o One day talk on "Core Java Programming" by Rashmi Kant Das from Java Technocrat, Bhubaneswar on 12<sup>th</sup> September, 2015.
- o Object orientation and Patterns with Java Programming by Prof. Rajib Mall, IIT Kharagpur, at ITER, SOAU, Bhubaneswar, on 21<sup>st</sup> March, 2015.
- o Data Mining and its Applications by Prof. B.C. Chandra, IIT Delhi at ITER, SOAU, BBSR, on 21<sup>st</sup> March, 2015.

### **2014**

- o Performance Analysis and Optimization of Cloud Computing by Dr. Bikash Sharma, Microsoft, Redmond, Washington, USA at ITER, SOAU, Bhubaneswar on 7<sup>th</sup> March, 2014.
- o High Performance Computing by Prof. L. M. Pattnaik, Professor, Indian Institute of Science, Bangalore, at Seminar Hall, School of CSE, ITER, on 14<sup>th</sup> February, 2014.
- o Tits and Bits of Research by Prof. C. R. Das, Professor Pennsylvania State University, USA at Seminar Hall, School of CSE, ITER, on 8<sup>th</sup> February, 2014.
- o Complete JAVA by Rasmikanta Das, at Seminar Hall, School of CSE, ITER on 15<sup>th</sup> January, 2014.
- o Pattern Classification by SVM by Dr. Sumit Gupta, at Seminar Hall, School of CSE, on 14<sup>th</sup> January, 2014.
- o *PROM on Cloud Computing* by Prof. C. R. Das, Professor Pennsylvania State University, USA at Seminar Hall, School of CSE, on 10<sup>th</sup> January, 2014.

### **2013**

- o Internal Faculty Development Programme on Computer Fundamental and C Programming and Data Structure at ITER, SOA University Bhubaneswar from 15<sup>th</sup> to 20<sup>th</sup> July, 2013.
- o Guest Lecture by JagatguruSankaracharya on Religious and Spiritual activities, at IBCS, SOA University Bhubaneswar, on 12<sup>th</sup> July 2013.

- o Guest Lecture Prof. J.K. Allen on System Engineering at ITER, SOA University Bhubaneswar, on 3<sup>rd</sup> June, 2013
- o Guest Lecture by Prof. S. P. Sethi, Director, Centre for Intelligent Supply Networks, University of Texas, Dallas, USA on Managing Incomplete Inventory Information at ITER, SOA University Bhubaneswar, on 15<sup>th</sup> March, 2013.
- o Guest Lecture by Prof. S. P. Sethi, Director, Centre for Intelligent Supply Networks, University of Texas, Dallas, USA on Advanced Operation Management at IBCS, SOA University Bhubaneswar, on 14<sup>th</sup> March, 2013.
- o Guest Lecture by Prof. B. K. Panigrahi, Department of Electrical Engineering, IIT New Delhi, at ITER, SOA University Bhubaneswar, on 8<sup>th</sup> February , 2013.
- o Guest Lecture by Prof. C. R. Das, Director, High performance Computing Lab (HPCL), Pennsylvania State University, USA on Computer Architecture, Cluster System and Mobile Computing at ITER, SOA University, from 9<sup>th</sup> to 10<sup>th</sup> January, 2013.
- o Guest Lecture by Dr.Jyoti Das, Precedent CEO of ECOSUITE, USA on IDOMAIL Education and Research at ITER, SOA University, on 9<sup>th</sup> January, 2013.
- o Guest Lecture by Prof. LaxmidharBehera, Department of Electrical Engineering, IIT Kanpur on Assistive Robotics Cognitive, Modelling, Quantum Learning and Control System at ITER, SOA University Bhubaneswar, on 8<sup>th</sup> January, 2013.

## **2012**

- o A two day Seminar on “Campus Lynx-SOA University”, By team of experts from JIL Information Technology Ltd, Ghaziabad(UP), from 21<sup>st</sup> to 22<sup>nd</sup> September, 2012.
- o Seminar on “Cyber Security and Ethical Hacking”, Instaube Solutions Pvt. Ltd, Bhubaneswar, on 8<sup>th</sup> September, 2012.
- o A two day seminar on Meta heuristics Optimization by Dr. R. V. Rao, SNIT, Surat, from 28<sup>th</sup> to 29<sup>th</sup> April, 2012.
- o Seminar on “Paradigm shift in Technical Education”, by Mr. KunalJunegal, Channel Manager, IBM India and Mr. SomnathKallas From Ibm India, on 10<sup>th</sup> April, 2012.
- o One day Seminar on Shared Storage and Network File System by Mr. Bikas Kumar Roy Choudhury, Solutions Architect, NetApp, California, USA, on 17<sup>th</sup> February, 2012.
- o One day Seminar on Teaching Effectiveness: Can it be enhanced? Dr. PurnimaMathur from IIT Delhi, on 16<sup>th</sup> February, 2012.
- o One day Seminar on Open Source and Enterprise Application Development by Mr. BiswaRanjan Jena, Project Manager, TCS, Bhubaneswar, on 4<sup>th</sup> February, 2012.
- o Guest Lecture by Research methodology by Prof. (Dr.) SubratKar, IIT Delhi, on 25<sup>th</sup> January, 2012.
- o Guest Lecture by Prof. Matthias Bohnen, BrockhausGruppe, Germany on Service Oriented Architecture and its Applications, from 5<sup>th</sup> to 11<sup>th</sup> January, 2012.
- o Guest Lecture by Prof. P.K. Nanda, Dean Research, ITER on what is research, on 6<sup>th</sup> Jan.2012.
- o Guest Lecture by Prof. C. R. Das on Computer Architecture, on 5<sup>th</sup> January, 2012.

## **2011**

- o Seminar on “Neuro-Linguistic Programming” by Dr. Keshav Nandi, Vice President CVO at ITER Conference hall, on 14<sup>th</sup> October, 2011.
- o One day guest lecture on “On Effective Undergraduate Teaching and Opportunities for Teaching Faculty” by Prof.(Dr.) SubratKar, IIT Delhi at Conference hall, ITER, Bhubaneswar, on 13<sup>th</sup> Aug, 2011.
- o One day guest lecture on “Application Oriented Networking” by Prof. (Dr.) L.N. Bhuyan, USA California at New Conference Hall, ITER, Bhubaneswar, on 21<sup>st</sup> July, 2011.
- o One day guest lecture on “On Effective Undergraduate Teaching and Opportunities for Teaching Faculty” by Prof.(Dr.) SubratKar, IIT Delhi at University Conference hall, SOA University, Bhubaneswar, on 14<sup>th</sup> July, 2011.
- o Guest lecture by Prof. Mark Elliot, Director, CCSR, University of Manchester, UK has delivered on “Application of Statistical Disclosure Control” at ITER on 11<sup>th</sup> Feb, 2011.



## **2010**

- o Two days seminar on Classification Techniques by Prof.(Dr.) SachidanandaDehuri, Reader, Dept. of Information and Communication Technology, F.M.University, Balasore at ITER, Bhubaneswar, from 25<sup>th</sup> to 26<sup>th</sup> April, 2010.
- o One day guest lecture on Object Oriented Software Engineering by Prof.(Dr.)P.K.Pattanaik, MIET, Bhubaneswar at ITER, on 23<sup>rd</sup> April, 2010.
- o Two days lecture on Classification Techniques by Prof.(Dr.) SachidanandaDehuri, Reader, Dept. of Information and Communication Technology, F.M.University, Balasore at ITER, Bhubaneswar, from 25<sup>th</sup> to 26<sup>th</sup> March, 2010.
- o Guest Lecture on Bioinformatics by Prof. (Dr) Bhubaneswar Mishra from Courant Institute of Mathematical Sciences, New York University on 25<sup>th</sup> March, 2010 at ITER, Bhubaneswar.
- o Three days guest lecture on Advanced Computer Architecture by Prof. (Dr.) Amiya Kumar Rath, Director, CEB, Bhubaneswar from 21<sup>st</sup> to 23<sup>rd</sup> January, 2010 at ITER.
- o Guest Lecture on Pattern Recognition by Prof. Asish Ghosh, Prof. Dept. of Machine Intelligence Unit, ISI, Kolkata on 15<sup>th</sup> January, 2010 at ITER.

## **2009**

- o Guest Lecture on Soft Computing Techniques by Prof. S.Padhy, Utkal University on 18<sup>th</sup> December, 2009 at ITER.
- o Guest Lecture on Features on Applications of Adaptive Filters by Prof. Bernard Mulgrend on 4<sup>th</sup> December, 2009 at ITER, BBSR.
- o A one day Seminar on Research Methodology at ITER by Prof. P. K. Nanda, Prof. Dept. of ECE, ITER on 25<sup>th</sup> November, 2009.
- o FDP on NP-Completeness by Prof. S.Padhy, Utkal University on 8<sup>th</sup> November, 2009 at ITER.
- o Seminar on Hidden Markov Model by Prof. S. Padhy, Utkal University, on 2<sup>nd</sup> November, 2009 at ITER.
- o Seminar on Soft Skills by Mr. Pruthwiraj Das on 24<sup>th</sup> October, 2009 at ITER
- o Seminar on Data Mining by Prof. Asish Ghosh, Prof. Dept. of Machine Intelligence Unit, ISI Kolkata on 14<sup>th</sup> October, 2009 at ITER.
- o A one day Seminar on Soft Computing at ITER by Prof. Asish Ghosh, Prof. Dept. of Machine Intelligence Unit, ISI Kolkata, at ITER, on 30<sup>th</sup> August, 2009.
- o FDP on NP-Completeness by Prof. S.Padhy, Utkal University on 14<sup>th</sup> August 2009 Guest Lecture on Features on ANSI C by Prof. Purnendu Das, at ITER, on 9<sup>th</sup> August, 2009.
- o Guest Lecture on Requirements and Models by Prof.(Dr.) SukhamayKundu on 31<sup>st</sup> July, 2009.
- o Guest Lecture on Net Architecture and C# Programming by Prof. NageshHebber on 31<sup>st</sup> July, 2009 at ITER.

## **2008**

- o Seminar on Machine Learning Techniques and its applications by Prof. Asish Ghosh, Prof. Dept. of Machine Intelligence Unit, ISI Kolkata, at ITER, on 31<sup>st</sup> December, 2008.
- o Technical Program on UML design using Visual Paradigm by Ram Prasad Pattanaik, Group Leader Infosys, at ITER, on 17<sup>th</sup> December, 2008.
- o Guest Lecture on Features on Applications of Adaptive Filters by Prof. Bernard Mulgrend, at ITER on 4<sup>th</sup> December, 2009.
- o FDP on NP-Completeness by Prof. S.Padhy, Utkal University, at ITER on 14<sup>th</sup> 2009.
- o Guest Lecture on Features on ANSI C by Prof. Purnendu Das, at ITER on 9<sup>th</sup> August, 2009.
- o Attended Matlab Training conducted at ITER, from 21<sup>st</sup> to 22<sup>nd</sup> July 2008.

## PROFESSIONAL TRAINING

Organization	Period		Training Area
	From	To	
GIFT, Bhubaneswar	25th May, 2015	30th May 2015	Workshop on Introduction to Design of Algorithms conducted by IIT, Kharagpur under the National Mission on Education through ICT (MHRD)
Tata Consultancy Service(TCS), Bhubaneswar	8 <sup>th</sup> May,2015	8 <sup>th</sup> May, 2015	Workshop on Fundamentals of Android App. Development
GEC, Bhubaneswar	16th June, 2014	21st June,2014	ISTE Workshop on Computer Programming
ITER, SOAU	14th April, 2014	15th April, 2014	Advances in Computational Intelligence
ITER, SOAU	20th December	22 December	Key note Speech on Evolutionary Computing
Tata Consultancy Service(TCS), Bhubaneswar	17 <sup>th</sup> January, 2011	17 <sup>th</sup> January, 2011	Workshop on Open Source Technology
Gandhi Engg. College Bhubaneswar	10 <sup>th</sup> May, 2010	11 <sup>th</sup> May, 2010	Seminar on Data Mining
KEC, Bhubaneswar	27 <sup>th</sup> April 2010	31 <sup>st</sup> April 2010	Workshop on mission 10X organized by WIPRO Technology
ITER, SOAU	25th Apr, 2010	26th Apr, 2010	Classification Techniques
ITER, SOAU	21st Jan,2010	23rd Jan, 2010	Advanced Computer Architecture
IIT, Bhubaneswar	9th July,2009	15th July,2009	FDP on Advanced Computer Architecture
IIT, Kharagapur	23rd November, 2008	28th November, 2008	STP on "Selected Topics in Software Engineering.

## POST-GRADUATE STUDIES DETAILS

### Ph.D. Thesis

***Informative Gene Selection for effective Classification of Gene Expression Datasets*** under the guidance of Prof.Dr.Debahuti Mishra, HoD, CSE, ITER, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha.

### M.Tech. Thesis

***Image Compression and De-Compression Using Vector quantization and RLE*** under the guidance of Dr. AnimeshTripathy, School of CSE, KIIT(Former), Bhubaneswar.

## RESEARCH GUIDANCE (M.Tech and MCA)

### M.Tech

Sl. No	Name of theScholar	Title of Thesis	Year
1	EmonAsad	Classification of High Dimensional Data	2015
2	BarshaNayak	Hybrid Feature Selection for Classification	2015
3	Debasmita Mishra	GENE Selection Using Multi-Objective Optimization For Disease Classification	2015
4	BismitaBarik	Univariate Filter Approach Of Gene Selection	2014
5	Jagannath Ray	Interdependent Gene Selection for Improving Classification	2014
6	MeenaMoharana	Evolutionary Computing Strategies for Gene Selection	2013
7	SitansuMohanty	Cluster Validity Indices for Gene Expression Data	2013
8	BiswajayaSahoo	Feature Selection Algorithm for Gene Selection	2013
9	AnsumanMahapatra	Non Probabilistic Sampling Strategy for Gene Selection	2013
10	SmrutiRekha Das	Improving RBF Kernel Function of Support Vector Machine using Particle Swarm Optimization for Gene Expression Data Set	2012
11	LipismitaPanigrahi	Removal and Interpolation of Missing Value for Heterogeneous Data Sets	2012
12	PremPujariPati	Sampling Strategies for Classi_cation of Gene Expression Data	2012
13	ArdhenduTripathy	Deploying Sas For Designing A Data Warehouse For An Integrated Enterprise: A Scalable Performance Data Server	2011
14	Anupama Das	Improving Software Development Process Through Data Mining Technique Embedding Software Engineering Technique	2011
15	Chinmaya Kumar Mishra	EX-SMAC:An Energy Efficient MAC Protocol For Wireless Sensor Network	2011
16	AdyashaSahu	Missing Values Estimation For Microarray Data Using K-Means Imputation	2011

### MCA

- o 29 Students Project Completed and 3 Students project Continuing.

## SUBJECT TAUGHT IN PG AND UG

**PG:** Data Mining, Computer Organization & System Architecture, Advanced Operating System, Architecture and Operating System, Object Oriented Analysis and Design, Object Oriented Software Engineering, Object Oriented Programming System Mobile Computing.

**UG:** Operating System, Software Engineering, Programming techniques in C, Relational Database Management System, Multimedia Technology, Computer Networks.

## OTHER ACADEMIC AND ADMINSTRATIVE RESPONSIBILITIES

Sl. No	Name of Activities	Date of activities held
1	Faculty Advisor of B.Tech 2015-2019 Batch	August 2015 to till date
2	Coordinator of M. Tech (CSDP)	1 <sup>st</sup> July 2016 to till date
3	Superintendent, Ladies Hostel	1 <sup>st</sup> Nov, 2015 to 31 <sup>st</sup> January 2016
4	Member of ABET Curriculum Design	Sept, 2014 to March 2016
5	Member of IET Curriculum Design	3 <sup>rd</sup> Sept, 2014 to 17 <sup>th</sup> Sept, 2014
6	Member of Smooth Management of Computer Lab	29 <sup>th</sup> November 2011 to till date
7	Member of Examination Committee of School of Computer Science and Engineering	8 <sup>th</sup> November 2011 to January 2015
8	Asst. Coordinator of M. Tech (CSDP)	24 <sup>th</sup> August, 2011 to 30 <sup>th</sup> June 2016
9	Member of Board of Studies	January 2009 to till date
10	B.Tech. Final Project Coordinator	December 2007 to July 2008

## OTHER ACADEMIC INFORMATION

- o Member of IET and ABET Accreditation Process.
- o Member of IET Membership No. 1100513295
- o Certified by Coursera for the subject "Introduction to Programming with MATLAB"

## PERSONAL INFORMATION

Date of Birth : 03/07/1978  
Nationality : Indian  
Religion : Hinduism  
Gender : Female  
PAN No. : AFDPD7697E  
Father's Name : Mr.Balukeswar Das  
Mother's Name : Smt. Kanchanbala Das  
Spouse Name : Mr Rajeev Ranjan  
Address for Communication : Plot No.468, Lane-6, sector-5

Permanent Address : NiladriVihar, Bhubaneswar  
Odisha, Pin: 751021  
House No-V.M-7, D.L Colony,  
V.S.S Nagar, Bhubaneswar  
Odisha, Pin:751007

## **DECLARATION**

The above information furnished by me is true to the best of my knowledge.

Dr. Kaberi Das

Date: 21-06-2017

Place: Bhubaneswar