



# Subhendu Kumar Pani

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## Professional Profile:

### Academic Experience

17+ Years in Teaching and Research

- ❑ **Continuing since January 2018**  
Professor, Dept. of Comp. Sc. Engg.  
Research Coordinator  
Orissa Engineering College Bhubaneswar
- ❑ **September 2012-jan2018**  
Professor(Associate), Dept. of Comp. Sc. Engg. Research Coordinator  
Orissa Engineering College Bhubaneswar
- ❑ **February 2005 – September 2012**  
Assistant Professor  
PG Department of Computer Application Regional College of Management  
Bhubaneswar
- ❑ **August 2003 – January2005**  
Lecturer  
PG Department of Computer Application Orissa Academy of Science,  
Bhubaneswar

### ❑ Research Contribution

#### Abstract:

<b>Patents Published</b>	<b>08</b>
<b>Book Series Editor(CRC Press &amp; Wiley)</b>	<b>04</b>
<b>Books Authored:</b>	<b>05</b>
<b>Journal Papers:</b>	<b>60</b>
<b>Edited &amp;Editing Books</b>	<b>20</b>
<b>Book Chapters:</b>	<b>15</b>
<b>Conference papers:</b>	<b>40</b>
<b>PhD Scholar Produced:</b>	<b>02</b>
<b>MTech Students Guided</b>	<b>20</b>
<b>Journal Editor</b>	<b>13</b>
<b>Awards and Honors</b>	<b>06</b>

Google Scholar Citations Index as on 25<sup>th</sup> August, 2020:

Total Citations:	350
H-index:	08
i10-Index (Papers with 10 or more citations):	07

**Primary Fields of Research**

- Main area of interest includes data mining and its applications using machine learning techniques.
- Other areas of interest include Software Engineering, Big Data Analytics, IOT, Semantic Web, Web Intelligence, Distributed Data Mining, and Decision Support Systems.

**Patents Filed and Published**

1. Multi core execution method for reduction of computing time complexity in data mining application through Parallel Computing.(Application Number—201931038661) as Applicant
2. IOT BASEDHEALTHCARE MANAGEMENT SYSTEM.(Application No:201931040357) as Applicant and Inventor
3. IOT Based Integrated Device and System for Health Analysis as Inventor. (Application No: 201931040357).
4. Data Mining Based Computer Implemented Method of CHURN Prediction using Data Mining Techniques. (Application Number—201941050314) as Applicant.
5. IOT Sensors Based Multi Functional and Intelligent Walk Guiding Stick for Visual Disabled Person.( (Application Number—201941051603) as Applicant.
6. Method for speech processing using Binary Matrix factorization Based Features. (Application Number—201941049245) as Applicant.
7. Multicore Fibre using Combined Square and Circular Core. (Application Number—202021000593) as Applicant.
8. Service Oriented Architecture based Energy Efficient Design(SOAEED) for Cloud of Things Environment. (Application Number—202011001341) as Applicant.

**Book Series Editor**

1. Subhendu Kumar Pani,Sujata Dash,Sunil Vadera ,” Emerging trends in biomedical technologies and Health informatics (ETBTHI)”, CRC Press | Taylor & Francis Group.
  - **Computational Modeling and Data Analysis in COVID-19 Research book,Editors: Chhabirani Panigrahi,Bibudhendu Pati,Mamata Rath,Rajkumar Buyya.**

- **Deadly RNA Viruses: Diagnosis, Detection, and Mitigation of Epidemics and Pandemics, Editors: Prof. V. Samuel Raj, Prof. Vishwa Mohan Katoch, Nirmal Kumar Ganguly.**
  - **Biomedical Signal Processing for Healthcare Applications” Prof. Varun Bajaj, Chinmaya Chakraborty”.**
  - **Deep Learning in Biomedical and Health Informatics: Current Applications and Possibilities for the series Emerging Trends in Biomedical Technologies and Health Informatics, Editors: M.A. Jabbar, Ajith Abraham, Ana Madureira, Sanju Tiwari.**
2. Subhendu Kumar Pani, Gianluigi Ferrari Henry Wang “Advances in Intelligent Decision-Making, Systems Engineering, and Project Management”, CRC Press | Taylor & Francis Group.
    - **Blockchain Technology for Data Privacy Management , Editors: Sudhir Kumar Sharma, Bharat Bhusan, Aditya Khamparia, Narayan C Debnath**
    - **Smart Sensor Networks using AI: Impact of Recent Trends, Applications, and Opportunities, Editors: Soumya Ranjan Nayak, Biswa Mohan Sahoo, Muthukumaran Malarvel, Jibitesh Mishra**
    - **Smart Grid Systems: Hybrid Algorithms and Techniques, Editor: Seelam VSV Prabhu Deva Kumar, Shyam Akashe, Hee-Je Kim, Chinmay Chakrabarty**
  3. Sujata Dash, Milan Tuba, Subhendu Kumar Pani” Advances in Intelligent and Scientific Computing”, Wiley- Scrivener Publishing.
  4. Subhendu Kumar Pani “AAP Advances in Artificial Intelligence and Robotics”, AAP-CRC press (<https://www.appleacademicpress.com/AAP-Advances-in-Artificial-Intelligence-and-Robotics->).
    - **The Challenges and New Opportunities for Higher Education Industry in a Pandemic-Constrained Environment, Editors: Dr Subhendu Kumar Pani Dr. Kamalakanta Muduli Dr. Sujoy Kumar Jana Dr. Srikanth Bathula , Dr. Golam Sarwar Khan.**

#### □ Invited Talks

Keynote and Plenary Talks during International Conferences

1. Keynote Speaker in International Conference on Business environment in digital economy and data science, Jordan.
2. Keynote Speaker, “Mining software Data” NCRTAPSE–2020, India at EATM, Bhubaneswar.

3. Talk Delivered on Mining Big Data using Machine Learning Techniques at GIET, Bhubaneswar during 2 Days National Seminar on "Recent trends in Big data Storage and Cloud Computing, Current State and Future Opportunities" (NSRTBDSC-2016).
4. Chief Speaker in District level Science Seminar " Role of Science and Technology in Modern Society,Jatni,Khordha.
5. Talk Delivered on "Introduction to Big Data" at Ravenshaw University, Odisha, 2016.
6. Talk Delivered on "Machine Learning Techniques in Data Mining Applications" at P. N. Autonomous College, Khordha.11.12.2015.
7. Talk Delivered on "Internet of things" in the National Workshop On Plug In To Internet of Things on 8th October -2015, KIST, BBSR.
8. Keynote Speech on "Application of Computational Intelligence Techniques in WSNs: The State of Art": ICRTSE- 2015, 29th Dec.2015. PR Patil College of Engineering and Technologies, Amravati, India.

□ **Ph.D. Scholars**

1. Prakash Chandra Jena, Sikshya o Anusandhan University (SOA), Odisha.**Awarded,2019**
2. Tapas Ranjan Baitharu,SVU,Delhi,**Thesis Submitted.**
3. Tapas Kumar Choudhury, Biju Patnaik University of Technology(BPUT), Odisha
4. Raghunath Rout, Biju Patnaik University of Technology(BPUT), Odisha
5. Surajit Mohanty, Biju Patnaik University of Technology(BPUT), Odisha
6. Deepalika Das, Biju Patnaik University of Technology(BPUT), Odisha
7. Sameer Das, Biju Patnaik University of Technology(BPUT), Odisha
8. Sushree Sudesna Ashe, Centurian University of Technology and Management (CUTM), Odisha

□ **M.Tech. Thesis Supervised**

1. Web usage mining: preprocessing and information discovery.
2. Data mining techniques in software project management.
3. IDS for wireless sensor network.
4. Clustering intrusion detection using grid computing techniques.
5. Data mining techniques on Skewed Data.
6. Web Page Classification using Data Mining Techniques.
7. Image segmentation using Fuzzy C -means and PSO clustering.
8. Data classification Using Feature Selection
9. A Study on Class Association Rule.
10. Effect of Missing Values on Classification of Data Mining.
11. Novel Model based Testing Technique for component composition Using UML Diagrams.
12. Analysis of Time-Series Data using Data Mining Techniques.
13. A benchmark study in Data Access technologies in JAVA.
14. Extraction of user navigation patterns in Web -Mining.
15. Experimental evaluation of Mobile Agent vs Client-server Paradigm.
16. Study of Clustering Algorithms for Microarray Cancer Data Analysis
17. Particle Swarm Optimization based Feature Selection in Time Series Data classification.
18. A Study on Decision Tree Techniques for Data Mining Applications.
19. Ensemble Methods in Machine Learning for classifiers.

□ **Ph.D. Thesis Examined**

1. Swami Ramananda Teertha Marthawada University (SRTMUN), Maharashtra.
2. Anna University, Chennai
3. MATS University, Raipur.
4. Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

□ **Awards and Honors**

1. Odisha Technocrat Award(2015)
2. Fellow (SSARSC)
3. Who's who (Asia –Pacific)
4. Global Good will Ambassador
5. Best Teacher Award (2017)
6. Active Young Research Award(2018)

□ **Journal Editor**

Editorial Board Memberships in International Journals

1. Editor in Chief, International Journal of Applied Science and Advanced Material. ISSN: 2394- 3173 (Print); 2395-3225 (Online).
2. Editor, International Journal of Soft Computing and Engineering (TM), Exploring and Innovation. ISSN: 2231-2307.
3. Editor, Journal of Computer Science, Research Journal™, An Exclusive Journal Publishing House.
4. Editor, International Journal of Recent Technology and Engineering (TM).
5. Editor, International Journal of Engineering and Advanced Technology (TM) Exploring Innovation, ISSN: 2249-8958.
6. Editor, International Journal of Innovative Science and Modern Engineering (TM) Exploring Innovation, ISSN: 2319–6386.
7. Editor, International Journal of Inventive Engineering and Sciences (TM) Exploring Innovation, ISSN: 2319-9598.
8. Editor, International Journal of Emerging Trends in Engineering Research (IJETER) ISSN 2347 – 3983.
9. Editor, International School of Recent Research (ISORR).
10. Editor, International Journal of Advanced Technology in Engineering and Science (IJATES) (ISSN: 2348-7550).
11. Editor, International Journal of Advancements in Research & Technology, ISSN 2278-7763.
12. Editor, International Journal of Soft Computing and Engineering. ISSN 2231-2307.
13. Editor, International Journal of Electrical and Electronics Engineers (IJEET), ISSN: 2321-2047.

**Research Contribution:**

□ **Authored Books**

1. Subhendu Kumar Pani “Handbook of Research in Data mining with Weka”, ISBN: 978-93- 84443-61-0 Published by RIP, NewDelhi.2014.
2. A.C.Ojha, Subhendu Kumar Pani,” An Introduction to Programming using Java: An Object First”, ISBN: 978-93-84443-68-9, GBS Publishers, 2016.
3. A. K. Samal, J Pramanik, Subhendu Kumar Pani,” PRACTICAL MATLAB-Tips and Trick”, ISBN: 9789386163684, OnlineGatha Publisher, 2016.
4. Subhendu Kumar Pani,"Missing Values in Data Mining", ISBN: 978-3-659-75313-8, LAP, 2017.

5. Subhendu Kumar Pani, "Integration Of PSO And Classification Algorithms For Data Mining" ISBN-13: 978-613-4-96324-4, LAP, 2018.

#### □ Edited Books

1. Ajith Abraham, Sujata Dash Joel Rodrigues, Biswa Ranjan Acharya, **Subhendu ku. pani**"Artificial Intelligence, Edge and IOT based Smart Agriculture", **Elsevier**, ISBN NO. 9780128236949
2. **Subhendu Kumar Pani**, Somanath Tripathy, George Jandieri, Sumit kundu, Talal Ashraf Butt, Techniques and Applications of Machine Learning in Big-Data Analytics and Cloud Computing: 8770221820, River Publisher.
3. **Subhendu Kumar Pani**, Sanjay Kumar Singh, Lalit Garg, Ram Bilas Pachori, Xiaobo Zhang: Intelligent Data Analytics for Terror Threat Prediction: Architectures, Methodologies, Techniques and Applications. **Wiley- Scrivener Publishing**.
4. Bhagirathi Nayak, **Subhendu Kumar Pani**, Tanupriya Choudhury, Suneeta Satapathy, Sachi Nandan Mohanty. Wireless Sensor Network and Internet of Things. **CRC Press, A Taylor Francis Group. ISBN: 9781771889612**
5. **Subhendu Kumar Pani**, Abhay Kumar Samal, Puneet Mishra, Ruchi Doshi, Tzung-Pei Hong: Intelligent IoT Systems for Big Data Analysis: Concepts, Applications, Challenges, and Future Scope. Apple Academic Press, **A Taylor Francis Group (In Press)**.
6. Sujata Dash, **Subhendu Kumar Pani**, S. Balamurugan, Ajith Abraham: Information Retrieval Models for Biomedical and Health Informatics, **Wiley- Scrivener Publishing (Press)**.
7. **Dr. Subhendu Kumar Pani**: Machine Learning Techniques in Data Mining Applications". 01/2016; Laxmi Publishers, ISBN: 9781365016240.
8. **Dr. Subhendu Kumar Pani**: "Recent Advances in Computing and Information Technology", ISBN: 978-93-86138-52-1, GBS Publishers, 2017.

#### □ Editing Books

1. Ajith Abraham, Sujata Dash, **Subhendu ku. Pani**, Laura Garcea "Artificial Intelligence for Neurological Disorders, Elsevier
2. **Subhendu Kumar Pani**, Jerry Gao, Mario Levas, Yu Dong Zhang, Vitori Curri, "Advancements of IOT and Computational intelligence in real time decision making Environment", **Springer Nature (Scopus Indexed)**.
3. Sujata Dash, **Subhendu Kumar Pani**, Ajith Abraham, Yulan Liang, "Advanced Soft Computing Techniques in Data Science, IoT and Cloud Computing, **Springer Nature**.
4. **Subhendu Kumar Pani**, Sujata Dash, Wellington dos Santos, Syed Ahmad Chan Bukhari, Francesco Flammini "Assessing COVID-19 and Other Pandemics and Epidemics using Computational Modelling and data analysis", **Springer Nature**.
5. **Subhendu ku. Pani**, Priyadarsan Patra, Gianluigi Ferrari, Radoslava Kraveva and Henry Wang The Internet of Medical Things: Enabling Technologies and Emerging Applications, **IET Publisher**.
6. Sujata Dash, **Subhendu Kumar Pani**, Atta-Ur Rahman, Madhusudan Singh, "Blockchain Technology in Medicine and Healthcare. Concepts, Methodologies, Tools, and Applications" **Springer**.
7. **Subhendu Kumar Pani**: Metadata and Semantics: Recent Developments: IntechOpen, UK.
8. Subhendu Kumar Pani, Chittaranjan Hota, Guangzhi Qu, Sian Lun Lau: Block chain and AI Technology in the Industrial Internet of Things, IGI-Global, USA.

9. Sunil Kumar Dhal, Srinivas Prasad, Sudhir Kumar Mohapatra, **Subhendu Kumar Pani** Intelligent Data Analytics Biomedical and Health Informatics, Wiley- Scrivener Publishing.
10. **Dr Subhendu Kumar Pani** ,Dr. Kamalakanta Muduli, Dr. Sujoy Kumar Jana ,Dr. Srikanth Bathula ,Dr. Golam Sarwar Khan, "The Challenges and New Opportunities for Higher Education Industry in a Pandemic-Constrained Environment," AAP-CRC Press.

#### □ Book Chapters

1. Application of Computational Intelligence Techniques in Wireless Sensor Networks - The State of the Art" published by IGI global. Handbook of Research on Computational Intelligence Applications in Bioinformatics, ISBN10: 1522504273|EISBN13: 9781522504283
2. Clustering Algorithms in Data Mining" ISBN: 9781365016240 Published by Laxmi Publishers (Press).
3. Clustering Big data using Map Reduce Based K-Means Algorithm, Recent Advances in Computing and Information Technology, GBS Publishers and Distributors (I), ISBN: 978-93- 86138-52-1
4. Privacy Preserving Data mining Techniques for Data Classification, Recent Advances in Computing and Information Technology , GBS Publishers and Distributors (I), ISBN: 978-93- 86138-52-1.
5. Data science and big data analytics, Big Data Analytics and Computing for Digital Forensic Investigations, CRC Press.
6. A Classification Based Model using adaptive neuro-fuzzy inference system for disease prediction, Bio-inspired Neuro computing ,Springer Nature.
7. Crime Predictive Model using Big Data Analytics. Intelligent Data Analytics for Terror Threat Prediction: Architectures, Methodologies, Techniques and Applications Wiley-Scrivener Publishing.
8. Cyber Crime Methodologies and its prevention Techniques, Intelligent Data Analytics for Terror Threat Prediction: Architectures, Methodologies, Techniques and Applications Wiley- Scrivener Publishing.
9. Big Data Analysis using machine learning techniques, Techniques and Applications of Machine Learning in Big-Data Analytics and Cloud Computing: 8770221820, River Publisher.
10. Cloud resource management for network cameras, Techniques and Applications of Machine Learning in Big-Data Analytics and Cloud Computing: 8770221820, River Publisher.
11. Smart Cities Through IOT, Intelligent IoT Systems for Big Data Analysis: Concepts, Applications, Challenges, and Future Scope. Apple Academic Press, A Taylor Francis Group (In Press)
12. IOT Based Home Automation using Raspberry PI 3, AWS IoT core and AWS Green Grass Intelligent IoT Systems for Big Data Analysis: Concepts, Applications, Challenges, and Future Scope. Apple Academic Press, A Taylor Francis Group (In Press).
13. A comparative Analysis of classifiers using Particle Swarm Optimization based Feature selection, Information Retrieval Models for Biomedical and Health Informatics, **Wiley-Scrivener Publishing (Press)**.

□ **Journal Publications: Peer Reviewed Articles Published in International Journals**

60. Hemanta Kumar Bhuyan, Subhendu Kumar Pani, Chinmay Chakraborty "Feature and Sub-feature selection for classification using correlation coefficient and fuzzy model" Submitted IEEE Transactions on Fuzzy Systems.
59. Jitendra Pramanik, Abhaya Kumar Samal, Nibedita Adhikari, Subhendu Kumar Pani, Chinmay Chakraborty "Elementary Framework for an IoT based Diverse Ambient Air Quality Monitoring System, Revision Submitted Journal of Management Information Systems", Elsevier Science
58. Xiaobo Zhang; Sachi Nandan Mohanty; Ajaya Kumar Parida; Subhendu K. Pani, "Annual and non-monsoon rainfall prediction modelling using SVR-MLP: An Empirical study from Odisha". IEEE Access Journal DOI 10.1109/ACCESS.2020.2972435, SCI indexed.
57. Kabita Sahoo, Abhaya Kumar Samal, Jitendra Pramanik, Subhendu Kumar Pani "Exploratory Data Analysis using Python" International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-12, October 2019. Scopus Indexed.
56. Dipalika Das, Maya Nayak, Subhendu Kumar Pani "Missing Value Imputation-A Review", <http://www.ijcseonline.org/>, DOI: <https://doi.org/10.26438/ijcse/v7i4.548558>. UGC approved Journal.
55. Abhaya Kumar Samal, Pradeep Kumar Mallick, Jitendra Pramanik, Subhendu Kumar Pani "Functional Link Artificial Neural Network (FLANN) based Design of a Conditional Branch Predictor", Springer, AISC Series. ISSN No: 2194-5357.
54. Prakash Chandra Jena, Kuhoo, Debahuti Mishra, and Subhendu Kumar Pani, A novel approach for regularization of ensemble learning in classification and regression analysis, Indian Journal of Public Health Research & Development, Vol-9, Issue-9. Scopus Indexed.
53. Tapas Ranjan Baitharu, Subhendu K. Pani "A new time series classification method based on Holt-Winters: Application to Medical data" IJRAR, Volume 7, Issue 2, UGC approved. E-ISSN 2348-1269, P-ISSN 2349-5138, 2019.
52. Tapas Ranjan Baitharu, Subhendu K. Pani, "Forecastation based on Linear Regression for analysis based on ICU Medical data" IJRAR, Volume 6, Issue 2, UGC approved. E-ISSN 2348-1269, P-ISSN 2349-5138, 2019.
51. Prakash Chandra Jena, Debahuti Mishra, and Subhendu Kumar Pani "A novel ensemble learning method for classification and regression based on weighted stacking of estimators", Indian Journal of Public Health Research and Development, Scopus Indexed.
50. Prakash Chandra Jena, Debahuti Mishra, and Subhendu Kumar Pani "A novel approach to ensemble learning in distributed data mining", International Journal of Engineering & Technology; Vol 7, No 2.33 (2018): Special Issue 33. Scopus Indexed.
49. Subhendu K. Pani, Ajay K. Mishra, Dr. Bikram Kesari Ratha "Performance Analysis of Microarray Data Classification using Machine Learning Techniques", IJKDB (IGI-Global), 1947-9115, 2015, Vol.5, Issue-2.
48. Tapas Ranjan Baitharu, Ajaya Kumar Parida, Subhendu Kumar Pani "A comparative Study of Clustering Algorithms for Cancer Data Analysis", IJCTA, 0974-5572, 2017, Vol.No.(10), Issue No.: 9 [Scopus Indexed].
47. Ajaya Kumar Parida, Tapas Ranjan Baitharu, Subhendu Kumar Pani "A comparative Study of Clustering Algorithms for Cancer Data Analysis", IJCTA, 0974-5572, 2017, Vol.No.(10) Issue No.: 9 [Scopus Indexed].
46. Tapas Ranjan Baitharu, Subhendu K. Pani, "The Role of Big Data in Inclusive Growth: An



Overview", ASAMI, ISSN: 2394 – 3173 (Print); 2395 – 3225 (Online)Vol. 2 Issue 4-6,109-112, March - August 2016

45. S.B. Dash, S.Pani, "E-Governance Paradigm Using Cloud Infrastructure: Benefits and Challenges" *Procedia Computer Science* 85 ( 2016 )834-842 , Published by Elsevier.
44. Tapas Ranjan Baitharu, Subhendu ku. Pani.“Analysis of Data Mining Techniques For Healthcare Decision Support System Using Liver Disorder Dataset, *Procedia Computer Science* 85 (2016 ) 862- 870, Published by Elsevier
43. S.B. Dash, A.Mishra, T.C. Panda, S.Pani.”EVM and IVM Dynamics in Cloud environment, *Procedia Computer Science* 85 ( 2016 ) 834 – 842, Published by Elsevier
42. Pandab Pradhan, Subhendu ku. Pani. “ Comparison of Speed Up between Various Stage Pipelines in Arm Processor”, *International Journal of Applied Engineering Research* ISSN 0973- 4562 Volume 11, Number 5(2016) pp 3576-3579 © Research India Publications. <http://www.ripublication.com>[Scopus Indexed].
41. Ajay ku. Mishra, Dr.Subhendu ku. Pani, Dr. Bikram Kesari Ratha "Particle Swarm Optimization for Feature Selection: A Study on Microarray Data Classification", *IUP Journal of Information Technology* , VOL –XIII, Issue -II,0973-2896.
40. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha.”Cluster:A Brief analysis in Context of Computer”. *MANJARI, Journal of Science*.0974-9896.
39. Subhendu ku. Pani,Maya Nayak. “The Decision tree learning algorithm using NBTree for classification of data”. *IJARSE*, Vol.5, Special Issue no.1, January 2016.2319-8354.
38. Tapas Ranjan Baitharu, Subhendu Ku. Pani, Sunil kumar Dhal.” Comparison of Kernel Selection for Support Vector Machines Using Diabetes Dataset”. *Journal of Computer Sciences and Applications*, 2015, Vol. 3,No.6, 181-184 Available online at <http://pubs.sciepub.com/jcsa/3/6/14>,© Science and Education Publishing DOI:10.12691/jcsa-3-6-14.2328-7268.
37. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha.” Decision tree analysis on j48 and random forest algorithm for data mining using breast cancer microarray dataset”. *IJATES*, Vol.3, Special Issue no.1, November 2015.2348-7550.
36. Subas Chandra Mishra, Subhendu Ku.Pani.” Performance analysis of association rule mining algorithms using tumor dataset”. Volume 4, 11, Nov. (2015) pp 242-249. 2319-8354.
35. Prakash Chandra Jena, Sushree Sudesna Ashe and Subhendu Kumar Pani.“ Skewed Data: State-of- the-Art and Research Directions”. *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 10, Number 22 (2015) pp 42864-42868© Research India Publications. <http://www.ripublication.com>[Scopus Indexed].
34. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha.” Association rule mining with apriori and fpgrowth using weka”. *IJATES*, Vol.3, Special Issue no.1, Sept. 2015.2348-7550.
33. Tapas Ranjan Baitharu, Dr.Subhendu Kumar Pani.” A comparative study on association rule mining algorithms using weather dataset”. *IJATES*, Vol.3, Special Issue no.1, Aug 2015.2348-7550.
32. Prakash Chandra Jena, Ananta Charan Ojha and Subhendu Kumar Pani “Cost -Sensitive Modeling to Predict Bank Telemarketing Campaign”. *IUP Journal of Information Technology*, VOL- XII, Issue-II, 0973- 2896.
31. Sanjay Kumar Sen,Dr. Subhendu Kumar Pani,A.C.OJha,Sujata Dash “Meta-learning in Data Classification An Empirical Investigation”.*IUP Journal of Comp. Science*. VOL-VIII. Issue-1, 0973- 9904.
30. Ajaya Kumar Parida, Subhendu Kumar Pani “ An Empirical Study on Class Association Rules Mining” *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 10,

Number 3 (2015) pp. 5351-5362.SCOPUS indexed.

29. Sanjay Kumar Sen, Dr. Subhendu Kumar Pani, Agent Based Data Mining using Meta learning, IUP Journal of Information Technology , VOL -Xi.issue-IV,0973-2896.
28. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha "A Survey on Pre-processing of Microarray Gene Expression Data" IJARCS, Volume 5, No. 7, PP103-104.
27. Tapas Ranjan Baitharu, Subhendu Kumar Pani , "A Comparative Study of Data Mining Classification Techniques for Lung Cancer Prediction (IJCTT) –volume 22 Number 2.
26. Sanjay Kumar Sen, Sanjaya ku. Dash, Tapas Ranjan Baitharu, Dr. Subhendu Kumar Pani, Application of Data mining Algorithm for the Prediction of Super Market , Journal of Computer Science and Application (JCSA).
25. Tapas Ranjan Baitharu, Subhendu Kumar Pani "A Study on Performance of Machine Learning Algorithms Using Supermarket Dataset" International Journal of Engineering and Innovative Technology (IJEIT) ISSN: 2277-3754 Volume 3, Issue 11, May 2014, pp 114-117.
24. Tapas Ranjan Baitharu, Subhendu Kumar Pani "A Study on Performance of Machine Learning Algorithms Using Supermarket Dataset" International Journal of Engineering and Innovative Technology (IJEIT) ISSN: 2277-3754 Volume 3, Issue 11, May 2014, pp 114-117.
23. Sanjay Kumar Sen, Dr. Subhendu Kumar Pani, "Integration of JAM and JADE Architecture in Distributed Data Mining System", Int. Journal of Engineering Research and Applications ,ISSN : 2248 - 9622, Vol. 4, Issue 6( Version 6), June 2014, pp.35-38.
22. Sanjaya kumar Sen ,Subhendu Kumar Pani " Application of Machine Learning Algorithm in Indian Stock Market Data " IOSR Journal of Computer Engineering (IOSR -JCE) e-ISSN: 2278- 0661, p- ISSN: 2278-8727 Volume 16, Issue 3, Ver. II (May -Jun. 2014), PP 06-10.
21. J. Tripathy, Subhendu ku. Pani, H.Tripathy, "Artificial Neural Network Stream Processing Core (ANnSP) Implementation in Embedded Systems", Oriental Journal of Computer Science and Technology Vol.6 Issue.2 pp-9-14.
20. Banya Baishali Mohanty, Subhendu ku. Pani "Classification of Skewed Data: A Comparative Analysis of the Performance of Select Classifiers" ,IUP Journal of Information Technology, VOL - X. issue -II, 0973- 2896.
19. Subhendu ku. Pani, Amit Kumar, Maya Nayak ""Performance Analysis of Data Classification Using Feature Selection" IUP Journal of Information Technology june,2013,VOL -IX.issue -II, 0973-2896.
18. Sushree Sudesna Ashe, Subhendu kumar Pani "A Review of Trends In Research On Web Accessibility" International Journal of Engineering Research and Development, Volume 8, Issue 1 (July 2013), PP. 34-37.
17. Tapas Ranjan Baitharu, Subhendu ku. Pani "A Survey on Application of Machine Learning Algorithms on Data Mining "International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume -3, Issue -7, December 2013,PP.17-20
16. Tapas Ranjan Baitharu, Subhendu ku. Pani "A Review On Application Of Evolutionary Techniques On Time Varying Databases "International Journal of Innovative Research in Computer and Communication Engineering ( IJIRCCCE),Volume 1, Issue 5, July 2013,PP.1220-1224.
15. Tapas Ranjan Baitharu, Subhendu ku. Pani "Effect of Missing Values on Data Classification "Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS),ISSN: 2141-7016.4(2): PP-311-316.
14. Satya Ranjan Biswal, Subhendu kumar Pani, Santosh kumar Swain "A Data Mining Approach to Identify Key Factors for Systematic Reuse" IUP Journal of Information Technology May,2012.
13. Subhendu ku. Pani, M. Pandia, S.K .Swain, B.K .Ratha "A Novel Approach for Pre-Processing

Web Access Logs” IUP Journal of Information Technology vol. VIINo. 3 2011.

12. Subhendu Kumar Pani, Lingaraj Panigrahy, R. Ramakrishna, Sanjay Kumar Padhi, Bikram Keshari Rath “ Web Usage Mining in Soft Computing Framework: A Review and State of the Art” Data Mining and Knowledge Engineering Volume -3,Issue-3,PP-184-187,ISSN 0974-9578.
11. Subhendu ku. Pani, M. Pandia, S.K.Swain, B.K.Ratha “Designing an Intelligent Web Browser Using Web Usage Mining Techniques”, International Journal of Advanced Research in Computer Science (IJARCS) Volume 2, No. 2, March-April-2011.
10. Subhendu ku. Pani, Deepak Mohapatra, B.K.Ratha, “ Integration of Web Usage Mining with Web Crawler: Relevance and State of Art” International Journal on Computer Science and Engineering Vol. 02, No. 03, 2010,772-776.
9. Sudhir B. Jagtap, Subhendu Kumar Pani and G. N. Shinde “The enhancing technique for data mining to web usage mining” International Journal of Information Technology and Knowledge Management July- December 2011, Volume 4, No. 2, pp. 351-354.
8. Sudhir B. Jagtap, Subhendu Kumar Pani and G.N. Shinde “A Hybrid parallel Multi-Objective Genetic Algorithm for 0/1 Knalsack problem” Journal of Software Engineering and Applications(JSEA) USA.
7. Subhendu ku. Pani, S.Biswal, B.K.Ratha “The Role of Cryptography in Web Mining” Siddhant the journal of Decision making.Vol.9 ,2011.
6. Subhendu Ku. Pani, L. Panigrahy, V.H.Sankar, Bikram Keshari Ratha, A.K.Mandal and S.K.Padhi “Web Usage Mining: A Survey on Pattern Extraction from Web Logs” International Journal of Instrumentation, Control and Automation (IJICA) ISSN : 2231-1890.
5. Manoj Pandia, Subhendu Kumar Pani, Sanjay Kumar Padhi, Lingaraj Panigrahy,R.Ramakrishna “A Review Of Trends In Research On Web Mining ” International Journal of Instrumentation, Control and Automation (IJICA) ISSN : 2231-1890.
4. Santosh kumar swain,Subhendu kumar Pani,Durga prasad Mohapatra “model based object - oriented software testing” Journal of Theoretical and Applied Information Technology vol-14 (1),Apr- 2010.
3. Santosh Kumar Swain, Subhendu kumar Pani, Durga prasad Mohapatra “Testability of Object Oriented Software” International Journal of Applied Engineering Research pp. 2847-2856.
2. Subhendu Kumar Pani, S.K.Padhi, P.K.Routray, P.K.Patnaik, S.K.Swain “A Novel approach for localization in sensor network” Siddhant A journal of decision making Vol.7.2007.
1. P.Bhuyan, Bhabani Mishra, Nachiketa Tarasia, Leena Das, Subhendu kumar pani “Implementation of Self Healing Characteristic of autonomic Computing by deVeloping adapters for middleware applications” Siddhant A journal of Decision Making Vol.8.2007. Conference Publication.

□ ***Peer Reviewed Articles Published (or in press) in Int. Conferences***

37. An Introductory Approach to Spectral Image Analysis Using Machine Learning Classifiers, Springer Conf.2020 .
36. Machine Learning Application in Primitive Diabetes Prediction - A Case of Ensemble Learning Springer Conf.2020.
35. Machine Learning and Prophet based time-series analysis to forecast COVID-19 Data, Springer Conf.2020.
34. Subhendu Kumar Pani, Anil Kumar Mishra”Machine Learning Applications in Software Engineering: Recent Advances and Future Research Directions,Conf.P)roceedings,EATM,Bhubaneswar,2020

33. Sanjeev Kumar Sahoo<sup>1</sup> , Subhendu Kumar Pani<sup>2</sup> , Narayana Patra<sup>3</sup> Performance evaluation of Decision Tree Techniques for Predictive Model in Healthcare Sector, International Conference on Recent trends in Engineering Science and Management (ICRTESM-18), Vedant College of Engineering & Technology, Bundi, Rajasthan. ISBN:978-93-86171-93-1.
32. Tapas Ranjan Baitharu, Subhendu ku. Pani. "Analysis of Data Mining Techniques For Healthcare Decision Support System Using Liver Disorder Dataset ". Elsevier CMS 2016. R. L. Jalappa Institute of Technology.
31. S.B. Dash, S.Pani. "E-Governance Paradigm Using Cloud Infrastructure: Benefits and Challenges" Elsevier CMS 2016. R. L. Jalappa Institute of Technology.
30. S.B. Dash, A.Mishra, T.C. Panda, S.Pani. "EVM and IVM Dynamics in Cloud environment", Elsevier CMS 2016. R. L. Jalappa Institute of Technology .
29. Pandab Pradhan, Subhendu ku. Pani. "An Empirical Study of Applying Data Mining Techniques to cloud Computing". ICRTCCS, 08-09 January, 2016. IIIT, Pune. ISBN No: 978-2-642-24819-9.
28. Ajay ku. Mishra, Dr. Subhendu ku Pani. "Comparative Study of Classification Algorithm Using Liver cancer Microarray Dataset", International Conference on Medical Informatics (ICMI2016), 26-28 Feb 2016, AIIMS, hubaneswar.
27. Pandab Pradhan, Subhendu ku. Pani. "An Empirical Study of Applying Data Mining Techniques to cloud Computing". ICRTCCS, 08-09 January, 2016. IIIT, Pune. ISBN No: 978-2-642-24819-9.
26. Tapas Ranjan Baitharu, Subhendu ku. Pani, Sunil kumar Dhal. " Comparison of Kernel Selection for Support Vector Machines Using Diabetes Dataset". "Recent trends in Big data storage and cloud computing, current state and future opportunities". GIET, Baniatangi, 23th January 2016. Published in Conf. Proceedings.
25. Satyabrata Dash, Subhendu ku. Pani. " Cloud SLA :A Transparent View". "Recent trends in Big data storage and cloud computing, current state and future opportunities" .GIET, Baniatangi, 23th January 2016. Published in Conf. Proceedings.
24. Prakash Chandra Jena, Subhendu Kumar Pani. " Performace Analysis of NBTree Classifier with Supervised add classification filter in weka". Appl. of Computational Tech. in Real Worlds. 43rd Annual Conference of Odisha Mathematical Society, 16-17 January, Indus College of Engineering.
23. Subhendu ku. Pani, Maya Nayak. "The Decision tree learning algorithm using NBTree for classification of data". ICSTM, ISBN: 978--81-931039-6-8, 17 January 2016, NEW DELHI.
22. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha. " Decision tree analysis on j48 and random forest algorithm for data mining using breast cancer microarray dataset", SUSTECH- 15, ISBN: 978-81-931039-7-5. 28th Nov, Faridabad.
21. Subas Chandra Mishra, Subhendu Ku. Pani. " Performance analysis of association rule mining algorithms using tumor dataset". 2Nd International Conference On Recent Innovations In Science, Engineering And Management (ICRISEM). ISBN: 978-81-931039-9-9, 22 November 2015, New Delhi.
20. Ajay ku. Mishra, Dr. Subhendu ku. Pani, Dr. Bikram Kesari Ratha. " Association rule mining with apriori and fpgrowth using weka", ICSTM, ISBN: 978-81-931039-6-8, 27 September 2015, New Delhi.
19. Tapas Ranjan Baitharu, Dr. Subhendu Kumar Pani. " A comparative study on association rule mining algorithms using weather dataset", International Conference on Recent Advances in Engineering Science and Management ICRAESM -15, ISBN NO. 978-81-931039-5-1, PHD Chamber of Commerce and Industry, NEW DELHI.

18. A. K. Samal, P. Jena, S. K. Pani, and A. K. Dash Bio-inspired approach to Fault -Tolerant - Scheduling of Real -Time Tasks on Multiprocessor –A study, PCIT-2015. IEEE Conf. SOA Univ.
17. A. K. Samal, A. Parida, S. K. Pani, and A. K. Dash A Novel Fault -Tolerant Scheduling of Real- Time Tasks on Multiprocessor using Discrete-Elitist Multi-ACO, ICCSP-2015, IEEE, Chennai.
16. A. K. Samal, S. Panda, S. K. Pani, V. Baghel and A. Panda “a, "ACO and GA based Fault Tolerant Scheduling of Real-Time Tasks on Multiprocessor Systems–A Comparative Study," in Proceedings of 8th International Conference on Intelligent Systems and Control (ISCO 2014), 2014 978-1-4799-3837- 7/14/\$31.00© 2014 IEEE .
15. Rakesh Ku. Dash, Subhendu kumar pani “A study on Natural Language Processing in semantic web” Proceedings on Research Methodologies in Cognitive sciences sponsored By DST, Govt. of India 2013.
14. Subhendu kumar pani, Maya Nayak, B.K.Ratha “A survey on Bee Colony Optimization in web mining” UGC Sponsored National seminar on Advances in Information and communication technology, Berhampur University. 2013.
13. Sudhir B. Jagtap, Subhendu kumar pani and G. N. Shinde “parallelizing multi-objective evolutionary Genetic algorithms” The World Congress on Engineering 2011 (WCE 2011), London, U.K., 6-8 July, 2011.
12. Debasish Jena, Saroj Kumar Panigrahy, Sanjay Kumar Jena, Subhendu Kumar Pani “ A modified remote user authentication smart card based on ECDLP” International Conf. on Industrial and Information Systems (ICIIS2009), Dec 28-31, Peradeniya, Sri Lanka, IEEE.
11. Subhendu kumar pani, Sudhir B. Jagtap, B.K.Ratha “GA for Client data in web usage mining” International Conf. on Emerging Trends in Computerscience, communication and Information Technology, January 09-11, 2010.
10. Subhendu kumar pani, D. Mohapatra, Rakesh Balabantaray, B.K.Ratha “particle swarm optimization for web usage mining for future directions” International Joint Conference on Information and Communication Technology January 09-10, 2010 (Springer Verlagin), BBSR.
9. S. Padhy, Subhendu kumar Pani, P.K. Patnaik, Study of routing protocols in sensor networks” International Joint Conference on Information and Communication Technology January 09-10, 2010 (Springer Verlagin), BBSR.
8. Subhendu kumar Pani, N. Patra, B.K.Ratha “Recent trends in web mining: A Survey” national conf. in TAT, 2007, BBSR.
7. Subhendu kumar Pani, S.K. Swain, B.K.Ratha “A study on web content mining and extraction of data” national conf. on CEB 2008, BBSR.
6. Subhendu kumar Pani, S.K. Swain, B.K.Ratha “A review on web usage mining: algorithms for preprocessing” national conf. in TAT, 2008, BBSR.
5. Subhendu kumar Pani, S.K. Swain, B.K.Ratha “An architectural frame work for web crawler” national conf. in SGBA Univ, Amarabati, 2008.
4. Subhendu kumar Pani, S.K. Swain, B.K.Ratha ”An architectural framework for web crawler” National Conf. in SGBA Univ., Amarabati 2008.
3. Subhendu kumar Pani, D. Mohapatra, S. Biswal, B.K.Ratha “A web mining intrusion detection system” National Conf. in PJ Group 2009, BBSR.
2. Subhendu kumar pani, D. Mohapatra, B.K.Ratha “Web Navigation Techniques using Parallel Genetic Algorithm”, IETET 2010, kurukshetra.
1. Subhendu kumar Pani, Rabindra kumar Dalei, S.K. Swain, B.K.Ratha “A study on evolutionary algorithms for web usage mining” National Conference on Future Trends in Information & Communication Technology & Application NCICT-2011 10th-11th Sep. 2011.

## □ Participation in International Conference Program Committee

1. Program Committee Member, Fourth International Conference on Signal, Image Processing and Pattern Recognition (SIPP 2016), Jurich -Switzerland during 2-3 Jan. 2016.
2. Program Committee Member, 2nd International Conference on Power, Circuit and Information Technologies (ICPCIT-2016), RAJARAJESWARI COLLEGE OF ENGINEERING (RRCE), Bangalore, India during 20th-21st May, 2016.
3. Technical Committee Member, International Conference in Engineering and Management (ICRIEM-2016), BIMAT, Kolhapur, Maharashtra, India-416216 during 20th-March, 2016.
4. Advisory Committee Member of 2nd International Conference on Recent Trends in Engineering Science and Management (ICRTE SM-16), YMCA, Connaught Place, New Delhi, 20 February, 2016.
5. Editorial Committee Member of Second International Conference on Energy and Materials Science Congress: ENMAT-II, Organised by Orissa Engineering College, Bhubaneswar, 5-6 March-2016.
6. Organizing Committee Members, International Conference on Communication, Control, Instrumentation & Computational Technologies IC3ICT, R. L. Jalappa Institute of Technology, Bangalore, Karnataka, India, 17th -18th December, 2015.
7. Technical Program Committee MEMBER, Second International Workshop on advances in Image Processing, Computer Vision, and Pattern Recognition (IWICP-2015), Indian Institute of Information Technology and Management -Kerala.
8. Advisory Committee Member of 4th International Conference on Recent Trends in Engineering Science and Management (ICRTE SM -16), International Centre, GOA, 7th August, 2016.
9. Advisory Committee Member of 4th International Conference on Recent Innovations in Science, Technology, Management and Environment, Indian Federation of United Nations Association, New Delhi, India, 19th, June 2016.
10. Advisory Committee Member of 4th International Conference on Recent Trends in Science, Engineering and Management (ICRRDSEM-16) MCCIA, PUNE, 29th May 2016.
11. Advisory Committee Member of 4th International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM-2016), Venkateswara Group of Institutions, MEERUT, UP, 05th June 2016.
12. Advisory Committee Member of 4th International Conference on Innovative Trends in Science, Engineering and Management (ICITSEM-2016), YMCA, Connaught Place, New Delhi, 27th May 2016.
13. International editorial review committee, Indus Foundation for Education, Research and Social Welfare.
14. TPC Members/Additional Reviewers, Second International Workshop on Advances in Image Processing, Computer Vision, and Pattern Recognition (IWICP-2015), Advances in Signal Processing and Intelligent Recognition Systems.
15. Technical Program Committee Member, Workshop on Advances in Image Processing, Computer Vision, Pattern Recognition and Machine Intelligence (ICPM'17).
16. National Committee Member, CISC-2017: International Conference on Cognitive Informatics & Soft Computing Vignana Bharathi Institute of Technology Hyderabad, India, December 20-21, 2017.

17. Program Committee Members, 5th International Conference on Advances in Computer Science, Engineering and Technology, (ICACSET 2017) the Dunes Cochin, Cochin, India, September 2, 2017.
18. National Advisory Board, 2 days International Conference on Emerging Trends in Engineering, Science and Management (ICETESM-2017), SPHOORTHY Engineering College, Hyderabad. 17- 18 March-2017.
19. National Advisory Board, International Conference on innovative research in Science, Technology and Management (ICIRSTM-2017), Modi Institute of Management and Technology, Kota, Rajasthan, 22-23 January, 2017.
20. National Advisory Board, 4<sup>th</sup> International Conference on latest innovation in Science, Technology and Management (ICLISEM-2017), International Conf. Centre, GOA, 1<sup>st</sup> July, 2017.
21. National Advisory Board, 4th International Conference on recent innovation in Management and Engineering (ICRIME-2017), IIMT, Greater Noida, 24th June, 2017.
22. Program Committee Members, 5th International Conference on Advances in Computer Science and Engineering (ICACSE 2018 ), Corus Hotel Kuala Lumpur Hotel, Kuala Lumpur, Malaysia.
23. National Advisory Board, International Conference on New Era in Technologies, Science and Role of Management (NETSRM-18).
24. Program Committee Members, 8th International Conference on Computing, Engineering and Information Technology, Bangkok, Thailand, March 19-20, 2018.
25. Program Committee Members, 7th International Conference on Computing, Engineering and Communication Technologies (ICCECT 2018) Corus Hotel Kuala Lumpur, Kuala Lumpur, Malaysia. during February 26 - 27, 2018.
26. Program Committee Members, 6th International Conference on Computing, Technology and Engineering (ICCTE 2018) will be held in PARKROYAL on Kitchener Road, Singapore, during January 10-11, 2018.
27. National Advisory Board, International Conference on New Era in Technologies, Science and Role of Management (NETSRM-18), Pune during 9-10 th Aril-2018.
28. National Advisory Board, CSIT-2019, PUNE, India International Conf. Centre,
29. National Advisory Committee, International Conference on cognitive informatics and soft computing, CISC-2019, India.
30. Programme Committee Member, 2nd International Conference on Communication, Network and Artificial Intelligence (CNAI2019) ,<http://www.cnai-conf.org/com.html>.
31. ADVISORY COMMITTEE member, Springer international conference on electronic systems and intelligent computing, committee, 2020 India
32. Publication Chairs (Head), 3rd International Conference on Applied Mathematics, Modeling and Simulation, China, (AMMS2020), China, <http://www.amms2020.org/com.html>.
33. International Scientific Committees, International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2020), <http://www.msota2020.org/com.html>.
34. International Technology Committees Member, International Conference on Big Data and Informatization Education (ICBDIE2020) ,<http://icbdie.org/committee>, Zhangjiajie, China.
35. National Advisory Committee, International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEEERE-2020) , India, <http://www.etaeere.in/committees.html>

36. National Advisory Committee, Innovative Research in Science, Technology and Management IC-IRSTM-2019, India,<https://15th-conference.springer.co.in/national-advisory-board/>.
37. International Advisory Committee, ICRTC 2020,<http://icrtc.in>,India.
38. Technical Programme Committee, International Conference on Advances in Engineering, Technology, Contemporary Management and Multidisciplinary Trends (ICAETCMMT),Nepal.
39. 7th International Conference on Advances in Computer Science, Engineering and Technology (ICACSET 2020),*India*,<http://www.warse.org/conferences/icacset72020/program-committee.php>.
40. TECHNICAL COMMITTEE MEMBERS,The Second International Conference on manufacturing, material science and engineering 2020 (ICMMSE 2020), <https://icmmse.in/technical-committee/>.
41. National Advisory Board, First International Conference on Research Contribution in History, Heritage & Humanities (H3-2020),<http://proceeding.conferenceworld.in/H3-2020/Preface.pdf>,Hyderabad.
42. INTERNATIONAL ADVISORY COMMITTEE ICICITES-2021: International Conference on Intelligent Computing in Information Technology for Engineering System,<http://icicites.sknscoe.ac.in/>, India, March 5-6, 2021.
43. INTERNATIONAL Programme Committee Member, International Conference on Machine Learning Techniques and NLP (MLNLP 2020) ,Sydney,Australia. <https://mlnlp.org/index.html>.

#### **Technical Reviews for International Journals**

1. IEEE ACCESS.
2. Elsevier Science.(Journal of Acoustic).
3. Intech Open Book Chapter Review.
4. Springer Book Chapter Review.
5. IOP Conference Series: Materials Science and Engineering
6. Journal of Computer Engineering and Information Technology
7. International Journal of Computer Science and Business Informatics.
8. Sky Journal of Educational Research (SJER).
9. Journal of Computing.
10. SCIENCEDOMAIN international.
11. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)
12. ICDM Springer.
13. ICCIDM 2016 (Springer).
14. IJACECT
15. IJACTE
16. IJEECS

#### **Short Term Course and Seminar Attended**



1. QIP short-term course on Real-Time System in IIT KGP by Rajiv Mall (5days).
2. Recent trend in Object Oriented software Development in NIT,RKL by Dr. Durga Mohapatra.
3. Web Engineering in CET, BBSR.
4. E-governance in KIIT.
5. 5 -days work-shop on Parallel and distributed computing in EAST, BBSR.
6. 5-days work-shop on web intelligent system, CHENNAI
7. 13 days on Artificial intelligence in CVRCE.
8. Data mining in TACT.
9. COMPUTATIONAL Learning Theory (CEB).
10. MTOS in KIST.
11. National workshop on Cyber security, NWCS- 2015, 2-5, October 2015. KIIT University.
12. National workshop on Science &Engineering Aspects of BIGDATA Analysis (SEBDA 2015),3-5 July,2015,Silicon Institute of Technology.
13. National workshop on wireless Sensor Networks with Internet of Things and Cloud computing, 15- 16, January 2016, Silicon Institute of Technology.
14. Pre-Conference Tutorial of IEEE Power, Communication and IT Conf(PCITC- 2015) SOA University, BBSR, 14th October,2015.
15. Workshop on Object-oriented design using Unified Modeling Language Diagram, 23rd Dec.2014.OEC, BBSR.
16. FDP on Recent trends in WSN & its Applications.17th January2015, OEC, BBSR.
17. Workshop on Merging Data Flow Diagram with UML.22nd Dec 2014, OEC, BBSR.
18. Workshop of MATLAB.04-08 June 2012, OEC, BBSR.

□ **Memberships in Professional and Technical Society/ Working Group**

1. Fellow Member, SSARSC, India
2. Life Member, Institute of Engineers, India
3. Life Member, ISTE, India
4. Life Member, Indian Science Congress(ISC), India
5. Life Member, Orissa Bigyan Academy (OBA), Bhubaneswar.
6. Life Member, Odisha Mathematical Society (OMS).
7. Senior Member IACSIT
8. Senior Member UACEE.
9. Member, Board of Studies, P.N. Auto. College (Utkal University).
10. Member, Board of Studies, Ravenshaw University.
11. BPUT Evaluation Co-coordinator.
12. IGNOU Counselor.
13. NIOS Counselor.
14. Life Member Cryptological Society of India(CRSI-L/0984).
15. Life Member IAAC(19IND600059A163).
16. Professional Member IFERP.

**Academic Profile:**

□ **Education**

Ph.D. in Computer Science (2013)

Utkal University, Odisha,

India

Topic of the Thesis: Soft Computing Techniques for Web Usage Mining.

Master of Technology in Computer Science and Engineering

(2007) KIIT University, Odisha

Topic of the Thesis: Security and Privacy Preserving Issues in Data Mining.

Exam Passed	Year of Passing	Board/University	Subjects	Division / %
PhD	2013	Utkal University, Bhubaneswar	Comp. Sc.	Awarded
MTech(CSE)	2007	KIIT University, Bhubaneswar	Comp.Science&Engineering	First Division (7.11 CGPA)
MCA	2003	BPUT	Comp. Sc.	First Division (71%)
B. Sc. (Hons)	2000	ASD College ( Utkal University )	Geology (Hons), Physics,Chemistry,	First Division (64%)
Intermediate in Science	1997	Kendrapara College ( Utkal University, Bhubaneswar )	Physics, Chemistry, Math, Biology	Second Division (57%)
High School	1995	Orissa Board	Math ,ssc,Oriya,Eng.,Hindy	First Division (76.66%)

#### □ Subjects Taught

My teaching portfolio concentrates on past 16+ years during which I have taught 12 subjects at Post- Graduate and Under-Graduate Levels

1. Java Programming UG Level
2. IWT UG Level
3. Data Mining and Data warehousing UG Level
4. OOA&D DCCN UG and PG Level
5. DCCN UG Level
6. J2EE UG Level
7. Programming in C UG Level
8. DBMS PG Level
9. OOPs Using C++ UG Level
10. Parallel Computing PG Level
11. DSTC using C UG Level
12. Real Time Systems (RTS) UG and PG Level

**Visiting Faculty Information.**

1. PhD(CS) Coursework,Utkal University,Odisha
2. MTech (CSE)Programme,Utkal University,Odisha
3. MCA Programme,Utkal University,Odisha.
4. MSC(CS)Programme,Utkal University,Odisha.
5. MCA Programme,IGNOU,Bhubaneswar
6. BCA Programme,IGNOU,Bhubaneswar
7. MCA Programme,FM University,Odisha.
8. BSC(CS) Programme,BJB College
9. MSC(CS) PN College,Khordha.
10. IMA(Institute of Mathematics),Odisha.

**Personal Information:** **Skill**

Programming Languages Proficiency: Python,C, C++, Java,  
Software Tool Proficiency: Weka, Matlab, Oracle.  
Operating Systems Proficiency: Microsoft Windows, Unix.

 **Affiliation**

Faculty of Computer science and  
Engineering,  
Orissa Engineering College (OEC)  
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<https://www.scopus.com/authid/detail.uri?authorId=35956708700>

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Odisha,India*

