

RESUME

Name : **Dr. SOURAV DE**
Date of Birth : 21st December, 1979
Permanent Address : No. – 2, Dhobapara Lane, Jhapantala
P. O. – Burdwan Rajbati,
Dist. – Burdwan, W.B.
Pin – 700 110
Contact No. : +919232795456 / +919593090044
E-mail : dr.sourav.de79@gmail.com
Department : **Computer Science & Engineering**
Father's Name : Mr. Satya Narayan De
Marital Status / Sex : Married / Male
Nationality : Indian



Academic Qualifications: -

Name of the Examination	Board / University	Year of Passing	% of Marks	Division/Class
Secondary	W.B.B.S.E.	1996	83.11	1 st
Higher Secondary	W. B. C. H. S. E.	1998	77.8	1 st
B. E. in Information Technology	The University Of Burdwan	2002	76.8	1 st
M. E. in Information Technology	West Bengal University of Technology	2005	69.6	1 st
PhD (Engg.) in Computer Science & Technology	Indian Institute of Engineering & Technology, Shibpur, Howrah, India in 2015 <i>Thesis Title: Multilevel Image Segmentation using Soft Computing Techniques</i>			

Work Experience: -

- (i) Working as **Associate Professor** in the **Department of Computer Science and Engineering** in Cooch Behar Government Engineering College, Cooch Behar since 06th April 2016.
- (ii) Worked as **Assistant Professor** in the **Department of Computer Science and Information Technology** in University Institute of Technology, The University of Burdwan, Burdwan from 09th January 2006 to 05th April 2016.
- (iii) Worked as **Junior Programmer** in Apices Consultancy Services Pvt. Ltd., Kolkata from January 2005 to December 2005.
- (iv) Worked as a **Lecturer** in the **Department of Computer Science** of Chandanagar CompuTech Academy, Chandannagar, Hooghly (W.B.) from September 2002 to September 2003.

Language Proficiency: - English, Bengali and Hindi

Journal Publication:-

1. **Sunanda Das, Sourav De, Siddhartha Bhattacharyya, Sandip Dey and Aboul Ella Hassanien**, , “*Magnetic Resonance Image Segmentation Using Quantum Inspired Modified Genetic Algorithm (QIMfGA) Based FCM*”, Applied Soft Computing (Submitted).
2. **S. De, S. Bhattacharyya and P. Dutta**, “*Automatic Magnetic Resonance Image Segmentation by Fuzzy Intercluster Hostility Index Based Genetic Algorithm: An Application*”, Applied Soft Computing, vol. 47, pp. 669–683, 2016.
3. **S. De, S. Bhattacharyya and S. Chakraborty**, “*Color image segmentation using parallel OptiMUSIG activation function*”, Applied Soft Computing, vol. 12, no. 10, pp. 3228 – 3236, 2012.
4. **S. De, S. Bhattacharyya and P. Dutta**, “*Efficient grey-level image segmentation using an optimised MUSIG (OptiMUSIG) activation function*”, International Journal of Parallel, Emergent and Distributed Systems, vol. 26, no. 1, pp. 1-39, 2010, <http://dx.doi.org/10.1080/17445760903546618>.

Book Chapter Publication:-

1. **S. Das, S. De and S. Bhattacharyya** (eds. S. Bhattacharyya), “*True Color Image Segmentation using Quantum Induced Modified Genetic Algorithm based FCM Algorithm*”, **Quantum-Inspired Intelligent Systems for Multimedia Data Analysis, IGI Global** (Accepted).
2. **K. Kumari and S. De** (eds. R. Das, S. De and S. Bhattacharyya), “*Dimension Reduction using Image Transforms for Content Based Feature Extraction*”, **Feature Dimension Reduction for Content-Based Image Identification, IGI Global** (Submitted).
3. **S. De, S. Das, S. Bhattacharyya and P. Dutta** (eds. S. Bhattacharyya, I. Pan, A. Mukherjee and P. Dutta), “*Multilevel image segmentation using Modified Genetic Algorithm (MfGA) based Fuzzy C-means*”, **Hybrid Intelligence for Image Analysis and Understanding, Willy, 2016** (Accepted).
4. **S. De and F. Haque** (eds. S. Bhattacharyya, H. Bhaumik, S. De and G. Klepac), “*Multilevel image segmentation using modified particle swarm optimization*”, pp. 106 – 142, **Intelligent Analysis of Multimedia Information, IGI Global**.
5. **S. De, S. Bhattacharyya and S. Chakraborty** (eds. S. Bhattacharyya, P. Banerjee, D. Majumdar and P. Dutta), “*Multilevel & Color Image Segmentation by NSGA II based OptiMUSIG Activation Function*”, pp. 321 – 348, **Handbook of Research on Advanced Hybrid Intelligent Techniques and Applications, IGI Global, 2015**.
6. **S. De, and S. Bhattacharyya** (eds. S. Bhattacharyya, P. Dutta and S. Chakraborty), “*Color Magnetic Resonance Brain Image Segmentation by ParaOptiMUSIG activation Function: An Application*”, vol. 611, pp 185-214, **Hybrid Soft Computing Approaches: Research and Applications, Springer, 2015**. DOI: http://link.springer.com/chapter/10.1007/978-81-322-2544-7_6
7. **S. De, S. Bhattacharyya and S. Chakraborty** (eds. B. K. Tripathy and D. P. Acharjya), “*Efficient Color Image Segmentation by a Parallel Optimized (ParaOptiMUSIG) activation Function*”, pp. 19-50, **Global Trends in Intelligent Computing Research and Development, IGI Global, 2013**.
8. **S. De, S. Bhattacharyya and S. Chakraborty** (eds. S. Bhattacharyya and P. Dutta), “*Multilevel Image Segmentation by a Multiobjective Genetic Algorithm Based OptiMUSIG Activation Function*”,

vol. 1, pp. 122 – 162, **Handbook of Research on Computational Intelligence for Engineering, Science and Business**, IGI Global, 2012.

9. **S. De, S. Bhattacharyya and P. Dutta**, (eds. J. Mehnen, M. Koppen, A. Saad and A. Tiwari), “*Multilevel Image Segmentation using OptiMUSIG Activation Function with Fixed and Variable Thresholding: A Comparative Study*” in **Applications of Soft Computing: From Theory to Praxis, Advances in Intelligent and Soft Computing**, Springer- Verlag, Berlin, Heidelberg, pp. 53-62, 2009.

Conference Publication:-

1. **Sunanda Das, Sourav De, Siddhartha Bhattacharyya and Aboul Ella Hassanien**, , “*Color MRI image Segmentation using QIMfGA based FCM*”, First International Symposium on Signal and Image Processing (ISSIP 2017) (Accepted).
2. **S. Das, S. De**, “Multilevel Color Image segmentation using Modified Genetic Algorithm (MfGA) inspired Fuzzy C-Means Clustering”, 2016 Second IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2016), pp. 78 – 83, 2016.
3. **S. Das, S. De**, “A Modified Genetic Algorithm based FCM Clustering Algorithm for Magnetic Resonance Image Segmentation”, Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications (FICTA), vol. 1, pp. 435—443, 2016.
4. **S. De, S. Bhattacharyya, S. Chakraborty**, “Automatic Data Clustering by Genetic Algorithm Validated by Fuzzy Intercluster Hostility Index,” 2014 Fourth International Conference of Emerging Applications of Information Technology (EAIT2014), pp. 58–63, 2014.
5. **S. De, S. Bhattacharyya, S. Chakraborty**, “Application of Pixel Intensity Based Medical Image Segmentation Using NSGA II Based OptiMUSIG Activation Function,” 2014 International Conference on Computational Intelligence and Communication Networks (CICN2014), pp. 262–267, 2014.
6. **S. De, S. Bhattacharyya, S. Chakraborty**, "Color Image Segmentation by NSGA-II based ParaOptiMUSIG Activation Function", 2013 International Conference on Machine Intelligence Research and Advancement (ICMIRA-2013), pp.105-109, December 21-23, 2013.
7. **S. De, S. Bhattacharyya, S. Chakraborty, B. N. Sarkar, P. K. Prabhakar and S. Bose**, "*Gray Scale Image Segmentation by NSGA-II based OptiMUSIG Activation Function*", International Conference on Communication Systems and Network Technologies (CSNT 2012) , pp. 104-108, May 11-13, 2012.
8. **S. De, S. Bhattacharyya and S. Chakraborty**, “*True Color Image Segmentation by an Optimized Multilevel Activation Function*” in Proceedings of 2010 IEEE International Conference on Computational Intelligence and Computing Research (2010 IEEE ICCIC), pp. 545-548, December 28 - 29, 2010.
9. **S. De, S. Bhattacharyya and S. Chakraborty**, “*A Genetic Algorithm based Automatic Image Clustering Technique Validated by Fuzzy Intercluster Hostility Index*” in Proceedings of International Conference on Communication, Computers and Devices (ICCCD 2010), December 10-12, 2010.

10. **S. De, S. Bhattacharyya and P. Dutta**, “*Automatic Clustering by DE Algorithm Validated by Fuzzy Intercluster Hostility Index*” in Proceedings of International Conference on Emerging Trends in Computer Science, Communication and Information Technology (CSCIT2010).
11. **S. De, S. Bhattacharyya and P. Dutta**, “*A Differential Evolution Algorithm Based Automatic Determination of Optimal Number of Clusters Validated by Fuzzy Intercluster Hostility Index*” in Proceedings of First IEEE International Conference on Advanced Computing (ICAC09), pp. 105-111, 2009.
12. **S. De, S. Bhattacharyya and P. Dutta**, “*Automatic Image Clustering by Genetic Algorithm Validated by Fuzzy Intercluster Hostility Index and Classical DE: A Comparative Study*”, in Proceedings of National Conference on Ubiquitous Computing (NCUBQT 2009), pp. 12-17, 2009.
13. **S. De, S. Bhattacharyya and P. Dutta**, “*Optimized Multilevel Image Segmentation: A Comparative Study*” in Proceedings of IEEE National Conference on Computing and Communication Systems (CoCoSys-09), pp. 200-205, January 2009.
14. **S. De, S. Bhattacharyya and P. Dutta**, “*OptiMUSIG : An Optimized Gray Level Image Segmentor*” in Proceedings of 16th International Conference on Advanced Computing and Communications (ADCOM 2008), pp 78-87, December 2008.
15. **S. De, S. Bhattacharyya and P. Dutta**, “*Multilevel Image Segmentation Using Variable Threshold based OptiMUSIG Activation Function*” in Proceedings of National Conference on Nanotechnology and its Application in Quantum Computing (NAQC 2008), pp 44-51, September 2008.
16. **S. De, P. De, S. Bhattacharyya and P. Dutta**, “*Shape Factor Based Classification and Recognition of Similar Shaped Bangla Printed Consonant Characters*” in Proceedings of National Conference on Recent Trends on Intelligent Computing (RTIC 2006), pp 101 – 106, November 2006.

List of Presentations:-

1. **S. De, S. Bhattacharyya, S. Chakraborty**, “Automatic Data Clustering by Genetic Algorithm Validated by Fuzzy Intercluster Hostility Index,” 2014 Fourth International Conference of Emerging Applications of Information Technology (EAIT2014), pp. 58–63, 2014.
2. **S. De, S. Bhattacharyya, S. Chakraborty**, “Application of Pixel Intensity Based Medical Image Segmentation Using NSGA II Based OptiMUSIG Activation Function,” 2014 International Conference on Computational Intelligence and Communication Networks (CICN2014), pp. 262–267, 2014.
3. **S. De, S. Bhattacharyya, S. Chakraborty**, "Color Image Segmentation by NSGA-II based Parallel OptiMUSIG (ParaOptiMUSIG) Activation Function", 2013 International Conference on Machine Intelligence Research and Advancement (ICMIRA-2013), pp.105-109, December 21-23, 2013.
4. **S. De, S. Bhattacharyya and S. Chakraborty**, “*True Color Image Segmentation by An Optimized Multilevel Activation Function*” in Proceedings of 2010 IEEE International Conference on Computational Intelligence and Computing Research (2010 IEEE ICCIC), pp. 545-548, December 28 - 29, 2010.

5. **S. De, S. Bhattacharyya and P. Dutta**, “*Optimized Multilevel Image Segmentation: A Comparative Study*” in Proceedings of IEEE National Conference on Computing and Communication Systems (CoCoSys-09), pp. 200-205, January 2009.
6. **S. De, S. Bhattacharyya and P. Dutta**, “*OptiMUSIG: An Optimized Gray Level Image Segmentor*” in Proceedings of 16th International Conference on Advanced Computing and Communication (ADCOM 2008), pp. 78-87, December 2008.
7. **S. De, S. Bhattacharyya and P. Dutta** (eds. J. Mehnen, M. Koppen, A. Saad and A. Tiwari), “*Multilevel Image Segmentation using OptiMUSIG Activation Function with Fixed and Variable Thresholding: A Comparative Study*” in Applications of Soft Computing: From Theory to Praxis, Advances in Intelligent and Soft Computing, Springer-Verlag, Berlin, Heidelberg, pp. 53-62, 2009.
8. **S. De, S. Bhattacharyya and P. Dutta**, “*Multilevel Image Segmentation using Variable Threshold Based OptiMUSIG Activation Function*” in Proceedings of National Conference on Nanotechnology And Its Application in Quantum Computing (NAQC 2008), pp. 44-51, 2008.
9. **S. De, P. De, S. Bhattacharyya and P. Dutta**, “*Shape factor based classification and recognition of similar shaped Bangla printed consonant characters*” in Proceedings of National Conference on Recent Trends in Intelligent Computing (RTIC 2006), pp. 101-106, 2006.

Invited Talks Delivered:

1. Delivered an invited lecture on “**Genetic Algorithm and Multi-objective Genetic Algorithm**” in the five day TEQIP-II funded National Level FDP on **Recent Trends in Research and Research Methodology** organized by the Department of Information Technology, RCC Institute of Information Technology, Kolkata, India on 08th January 2014.
2. Delivered an invited lecture on “**Latex Referencing, Indexing, Hyperlinking and Preparing Bibtex, IDX Files**” in the five day TEQIP-II sponsored National Level Faculty Development Program on **LaTeX: The Art of Technical Writing** organized by the Department of Information Technology, RCC Institute of Information Technology, Kolkata, India on 09th February 2017.

Authored Books and Periodicals:

1. Editor of **Intelligent Multidimensional Data and Image Processing**; Publisher: IGI Global, Hershey, USA; Co-editors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata and Prof. (Dr.) Paramartha Dutta, Visva-Bharati University, Santiniketan. (To be published in 2018)
2. Editor of **Feature Dimension Reduction for Content-Based Image Identification**; Publisher: IGI Global, Hershey, USA; Co-editors: Prof. Rik Das, Xavier Institute Of Social Service, Ranchi, Jharkhand and Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata. (To be published in 2018)
3. Editor of **Machine Learning for Big Data Analytics**; Publisher: De Gruyter, Germany; Co-editors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata, Dr. Hrishikesh Bhaumik, RCC Institute of Information Technology, Kolkata and Dr. Anirban Mukherjee, RCC Institute of Information Technology, Kolkata. (To be published in 2018)

4. Author of **Hybrid Soft Computing for Multilevel Image and Data Processing**; Publisher: Springer International Publishing AG, Cham, Switzerland; Co-Authors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata, Prof. (Dr.) Susanta Chakraborty, Indian Institute of Engineering Science and Technology, Shibpur and Prof. (Dr.) Paramartha Dutta, Visva-Bharati University, Santiniketan; ISBN: 978-3-319-47523-3.
5. Editor of **Hybrid Soft Computing for Image Segmentation**; Publisher: Springer International Publishing AG, Cham, Switzerland; Co-editors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata, Prof. (Dr.) Paramartha Dutta, Visva-Bharati University, Santiniketan, and Dr. Goran Klepac, University College for Applied Computer Engineering, Croatia; ISBN: 978-3-319-47223-2.
6. Editor of **Intelligent Multidimensional Data Clustering and Analysis**; Publisher: IGI Global, Hershey, USA; Co-editors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata, Dr. Indrajit Pan, RCC Institute of Information Technology, Kolkata and Prof. (Dr.) Paramartha Dutta, Visva-Bharati University, Santiniketan; ISBN13: 9781522517764.
7. Editor of **Intelligent Analysis of Multimedia Information**; Publisher: IGI Global, Hershey, USA; Co-editors: Prof. (Dr.) Siddhartha Bhattacharyya, RCC Institute of Information Technology, Kolkata, Mr. Hrishikesh Bhaumik, RCC Institute of Information Technology, Kolkata, and Dr. Goran Klepac, University College for Applied Computer Engineering, Croatia; ISBN13: 9781522504986; DOI: 10.4018/978-1-5225-0498-6.

Participation in Conferences/Workshops:-

1. Attended “**2014 Fourth International Conference of Emerging Applications of Information Technology (EAIT2014)**”, at Indian Statistical Institute, Kolkata, India, during December 19-21, 2014.
2. Attended “**2014 International Conference on Computational Intelligence and Communication Networks (CICN2014)**”, at RCC Institute of Information Technology, Kolkata, India during November 14-16, 2014.
3. Attended “**2013 International Conference on Machine Intelligence Research and Advancement (ICMIRA-2013)**”, at Shri Mata Vaishno Devi University, Katra, India during **December 21-23, 2013**.
4. Attended “**2010 IEEE International Conference on Computational Intelligence and Computing Research (2010 IEEE ICCIC)**” at Tamilnadu College of Engineering, Coimbatore, India during **December 28th to 29th, 2010**.
5. Attended “**IEEE National Conference on Computing and Communication Systems (CoCoSys-09)**” at Department of Information Technology, University Institute of Technology, The University of Burdwan, Burdwan, India during **January 2nd to 4th, 2009**.
6. Attended “**16th International Conference on Advanced Computing and Communications (ADCOM 2008)**” at Department of Information Technology, Madras Institute of Technology Campus, Anna University, Chennai, India during **December 14th to 17th, 2008**.
7. Attended National Conference on “**Nanotechnology and its Application in Quantum Computing**” held at Government College of Engineering and Lather Technology, Kolkata during **September 22nd to 24th, 2008**.

8. Attended TEQIP sponsored National Conference on “**Recent Trends on Intelligent Computing**” held at Kalyani Government Engineering College, Kalyani, West Bengal, India during **November 17th to 19th, 2006**.
9. Attended TEQIP sponsored National Conference on “**Data Mining & Knowledge Discovery – Identifying Potential Information**” held at Govt. College of Engineering and Textile Technology, Serampore during **July 14th to 15th, 2006**.

Participation in Refresher Course:-

1. UGC sponsored 4th Refresher Course on “Information Communication Technology Application” organized by Academic Staff College, The University of Burdwan, Burdwan, West Bengal from 06th March 2013 to 26th March 2013.

Participation in Orientation Programme:-

1. UGC sponsored 91st Orientation Programme organized by Academic Staff College, The University of Burdwan, Burdwan, West Bengal from 04th July 2013 to 31st July 2013.

Participation in Workshops/Seminars:-

1. Short Term Training Programme on “**Image Processing using MATLAB**” organized by National Institute of Technical Teachers’ Training and Research (NITTTR), Kolkata from **19th June 2017 to 30th June 2017**.
2. Workshop on “**Big Data Analytics**” co-organized by ACM Student Chapter, ISI Kolkata and Indian Statistical Institute from 20th – 21st August, 2015.
3. TEQIP sponsored One Week Management Development Programme (MDP) on “**Total Quality Management (TQM) in Technical & Higher Education**” organized by University Institute of Technology, The University of Burdwan, from 5th – 9th August 2013.
4. AICTE sponsored Staff Development Programme on “**Pattern Recognition: Principles and Application**” organized by the department of Computer Science & Engineering, Kalyani Government Engineering College, Kalyani, West Bengal from **7th to 19th June, 2010**.
5. TEQIP sponsored 5-Days Workshop on “**Challenges in VLSI Design: Cutting-edge Perspective**” organized by the Department of Information Technology in collaboration with the School of VLSI Technology of Bengal Engineering and Science University, Shibpur, Howrah, West Bengal from **July 21, 2008 to July 25, 2008**.
6. IEEE Gold Affinity Group, IEEE Calcutta section, CSE Department (TEQIP) and Computer Jagat sponsored one day Conference Tutorial on “2nd National Conference on **Recent Trends in Information Systems (ReTIS-08)**” organized by Computer Science & Engineering Department, Jadavpur University, West Bengal on **07th February, 2008**.
7. TEQIP sponsored Colloquium on “**IMPACT: Of Images, Patterns, and Architectures in the Digital Era**” organized by department of Computer Science and Technology and department of Information Technology of Bengal Engineering and Science University, Shibpur, Howrah, W.B. from **November 14, 2007 to November 16, 2007**.

8. Workshop on “**Java and Web Technology**” organized by the Department of Computer Science & Engineering of MCKV Institute of Engineering, Liluah, Howrah, W.B. from **June 20, 2007 to June 22, 2007**.
9. State Level Seminar on “**Application of Cryptology in Industry and Cryptanalysis**” organized by Department of Information Technology, RCC Institute of Information Technology held at C. V. Raman Hall, Science City, Kolkata on **05.05.07**.
10. TEQIP sponsored one day Seminar on “**Recent Tools in Soft Computing**” organized by the Department of Information Technology, Kalyani Government Engineering College, Kalyani on **20.12.2006**.
11. Retraining of College teachers under UGC Sponsored “**University with Potential Excellence Scheme**” course on “**Operating system**” organized by Jadavpur University, Kolkata on **07.12.06**.
12. National Seminar on “**Data Mining & Knowledge Discovery – Identifying Potential Information**” organized by Network Implementation Committee, TEQIP, Govt. College of Engineering and Textile Technology, Serampore from 14th – 15th July, 2015.
13. TEQIP sponsored one day workshop on “**Cryptography-Yesterday, Today and Tomorrow**” organized by the Department of Computer Science & Engineering, Kalyani Government Engineering College, Kalyani on **07.06.2006**.
14. Participated in a course entitled on “**Object-Oriented Analysis and design using the UML with Fundamentals of Rational Rose**” organized by University Institute of Technology, The University of Burdwan, Burdwan, W.B., from **March 18, 2006 to March 22, 2006**.

Positions of authority held or distinctions gained:

1. Memberships of Scientific and Professional societies: -
 - **Member of IEEE, USA** (Membership No. **90326534**)
 - **Member of Association for Computing Machinery** (Membership No. **2387304**)
 - **Member of The Institution of Engineers (India)** (Membership No. **M-1585120**)
 - **Member of Computer Science Teachers Association (CSTA)** (Membership No. **6912724**.)
 - **Life Member of Indian Society for Technical Education** (Membershp no.- **LM 55442**)
 - **Member of the International Association of Engineers (IAENG), Hong Kong** (Membership no.- **64752**)
 - **Member of International Association of Engineers (Hong Kong) Societies of:**
 - a. Artificial Intelligence
 - b. Computer Science
 - c. Data Mining
 - d. Imaging Engineering
2. Member of Technical Proceedings & Publication Committee of **IEEE National Conference on Computing & Communication** , Jan 2-4, 2009 organized by UIT, The University of Burdwan.
3. **Reviewer of Handbook of Research on Computational Intelligence for Engineering, Science and Business**, IGI Global.

4. **Reviewer of Global Trends in Knowledge Representation and Computational Intelligence, IGI Global.**
5. **Reviewer of Handbook of Research on Swarm Intelligence in Engineering, IGI Global.**
6. **Reviewer of Hybrid Soft Computing: Research and Applications; Publisher: Springer, India Pvt. Ltd.**
7. **Reviewer of Applied Soft Computing, Elsevier B. V. since 2015.**
8. **Reviewer of International Journal of Computers and Applications since 2015.**
9. **Reviewer of Intelligent Analysis of Multimedia Information, IGI Global.**
10. **Reviewer of Intelligent Multidimensional Data Clustering and Analysis, IGI Global.**
11. Member of **Technical Program Committee in IEEE International Conference on Computational Intelligence and Communication Networks (ICCICN 2014)** held on 14-16 November, 2014 at Kolkata, India.
12. Member of **Technical Program Committee in International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2015)** held during November 20 to November 22, 2015 at RCC Institute of Information Technology, Kolkata.
13. Member of **Technical Program Committee in INDIA-2015, IC3T-2015, ICICT-2015, IC4SD-2015 and ICTIS-2015** in the year 2015.
14. Member of **Technical Program Committee in Sixth International Conference on Communication Systems and Network Technologies (CSNT 2016)** held on 05-07 March, 2016 at Chandigarh, India.
15. **Reviewer in Third International Conference on Information systems Design and Intelligent Applications (INDIA-2016)** held on 08-09 January, 2016 held at Visakhapatnam.
16. **Reviewer in First International Conference on Data Engineering and Communication Technology (ICDECT-2016)** held on 10-11 March, 2016 held at Pune.
17. Member of **Technical Program Committee in Second International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2016)** held during September 23 to September 25, 2016 at RCC Institute of Information Technology, Kolkata.
18. **Editorial Board Member in International Journal of Hybrid Intelligence; Inderscience.**
19. Member of **Technical Program Committee in IEEE International Conference on Advanced Computational and Communication Paradigms – 2017 (ICACCP-2017)** will be held during September 08-10, 2017 at Sikkim Manipal Institute of Technology, Sikkim.
20. Member of **Technical Program Committee in 7th International Conference on Communication Systems and Network Technologies (CSNT-2017)** will be held during November 11-13, 2017 at Indian Institute of Information Technology (IIIT), Nagpur.
21. Member of **Technical Program Committee in 9th International Conference on Computational Intelligence and Communication Networks (CICN-2017)** will be held during September 16-17, 2017 at Final International University, Cyprus.
22. Member of **Technical Program Committee in Third International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2017)** will be held during November 03-05, 2017 at RCC Institute of Information Technology, Kolkata.

23. **Session Chair** of Track-V (AISC): Computer Vision and Image Processing in the First International Conference on Advanced Computational and Communication Paradigms (ICACCP-2017) held at Sikkim Manipal Institute of Technology (SMIT) on September 09, 2017.
24. **Reportier** of Track – VI: Computational Intelligence in Third IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2017) held at RCC Institute of Information Technology, Kolkata on November 05, 2017.

Other Academic/Administrative Duties Undertaken:

1. External examiner for **B. Tech. Practical Examinations** for Information Technology 1st year and 3rd year of RCC Institute of Information Technology in 2014.
2. External examiner for **B. Tech. Project Seminar** for Information Technology 4th year of RCC Institute of Information Technology in 2014.
3. External examiner for **B. Tech. Practical Examinations** for Information Technology 1st year and 3rd year of RCC Institute of Information Technology in 2015.
4. Head Examiner of **Information Technology** for the B. E. Odd Semester Examination, 2006-07 of The University of Burdwan, Burdwan.
5. Head Examiner of **Information Technology** for the B. E. Even Semester Examination, 2010-11 of The University of Burdwan, Burdwan.
6. Head Examiner of **Information Technology** for the B. E. Even Semester Examination, 2013-14 of The University of Burdwan, Burdwan.
7. Member of **Under-Graduate Board of Studies** of The University of Burdwan, Burdwan from March 2006 to till date.
8. Member of the **Departmental Academic Affairs committee** in University Institute of Technology, The University of Burdwan, Burdwan.
9. Member of the **Departmental Syllabus committee** in University Institute of Technology, The University of Burdwan, Burdwan.
10. Member of the **Departmental NBA committee** in the Department of Information Technology, University Institute of Technology, The University of Burdwan, Burdwan.
11. Member of the **Departmental Laboratory Maintenance Committee: Faculty in Charge of Sir J. C. Bose Computer Lab** in University Institute of Technology, The University of Burdwan, Burdwan.
12. Member of the **Students Welfare & Sports Cell** of University Institute of Technology, The University of Burdwan, Burdwan.
13. Member of TEQIP Academic Unit of University Institute of Technology, The University of Burdwan, Burdwan.
14. Member of the **Examination cell** of University Institute of Technology, The University of Burdwan, Burdwan from June 2010 to May 2011.
15. Member of coordination committee **One Week National Level Staff Development Program** on “**Soft Computing**” from 01st – 05th July 2013.
16. Worked as **Academic-in-charge** in Cooch Behar Government Engineering College, Cooch Behar from 16th August, 2016 to 02nd November, 2016.

17. Working as **Coordinator** of the **Academic committee** in **Cooch Behar Government Engineering College**, Cooch Behar from 15th December 2016 to till date.
18. Working as **Coordinator** of the **Procurement & Purchase committee** in **Cooch Behar Government Engineering College**, Cooch Behar from 15th December 2016 to till date.
19. Working as **Member** of the **Anti-Sexual Harassment committee** in **Cooch Behar Government Engineering College**, Cooch Behar from 15th December 2016 to till date.
20. Working as **Member** of the **Anti-Ragging & Disciplinary committee** in **Cooch Behar Government Engineering College**, Cooch Behar from 15th December 2016 to till date.
21. Working as **The Head of the Department of Computer Science & Engineering** in **Cooch Behar Government Engineering College** from August 2016 to till date.

Short-term Courses Organized

1. **Coordinator** in **National Network Security Championship** – India in association with ACM IIT Delhi at University Institute of Technology, The University of Burdwan, Burdwan from 22nd – 23rd March, 2014.
2. Convener in **TEQIP-II sponsored One day Workshop on “Disaster Management”** in association with Maulana Abul Kalam Azad University of Technology, W. B. and in Technical Collaboration with IEEE YOUNG PROFESSIONAL AFFINITY GROUPS , KOLKATA SECTION at **Cooch Behar Government Engineering College** on March 29, 2017
3. Convener in **One day Seminar on “Internet of Things in Cloud platform”** in Technical Collaboration with IEEE YOUNG PROFESSIONAL AFFINITY GROUPS , KOLKATA SECTION by the **Department of Computer Science & Engineering, Cooch Behar Government Engineering College** on March 29, 2017.

Declaration:

The information provided above are true to the best of my knowledge and belief.

Date:

Place: Cooch Bahar

(SOURAV DE)