Curriculum Vitae

NAME: **Dr. Atanu Das**

SALIENT CREDENTIAL IN BRIEF:

1. Presently serving as **HOD, Department of MCA**, **Netaji Subhash Engineering College** from 19th August, 2019.

2. Served successfully as **Head**, Dept. of **CSE (2 Years), In-Charge**, Dept. of **IT (1 Year)** and **Coordinator, M. Tech (CSE) (3 Years)**, Netaji Subhash Engineering College.

3. Outstanding teaching and research in the CSE department for more than **18 years**.

4. **11+ years** at Assistant Professor - Stage 3, Since August 2008**.**

5. Awarded **Ph.D. (Engineering)** in 2013 from **JU** (School of Education Technology) besides **Gold Medalist in M.Sc**. (Statistics) 1998 from BU and **2nd position in M.E**. (Multimedia Development) 2002 from **JU**.

6. Recipient of
    (i)   **Adarsh Vidya Saraswati Rashtruya Puraskar-2019.**
    (ii) **IMFR Best Scientist Award-2019.**
    (iii) **InSc Research Excellence Award-2020.**
    (iv) **VDGOOD Outstanding Scientist Award, International Scientist Awards 2020**

7. **6** Authored **Books** (Text, Reference and Monograph) Publication.

8. **53** Others **Publication** (34 Journals, 10 Conf. Proc., 9 book Chapters) including **21 WoS/SCOPUS** indexed **+** 3 Communicated Papers/chapters.

9. **PhD Supervision** of 4 (2 Registered, 2 Enrolled) candidates under MAKAUT.

10. **PG teaching** and **research guidance** (9 passed) for 18 years.

11. **External Expert** at JU, SKFGI, TIG and NSEC selection committees.

12. **Visiting Faculty** at JU, MAKAUT-WB and former member, Board of Studies (BOS), CSE and IT, MAKAUT-West Bengal.

13. **Reviewers/Editorial Board Member** of 10 Journals, Books and Conferences besides 2 Session Chair at int. conf.

14. **36** Seminars/Workshops/Short Term Course **organized (23) and participated (13)**.

15. Served in various additional responsibilities at recent and past **NBA and NAAC accreditations** (under my head-ship **B. Tech in CSE Programme** got **extension of NBA Accreditation** (1 July 2018 -- 30 Jun, 2019).

ACADEMIC QUALIFICATIONS :

- **Doctor of Philosophy (Ph.D.)** in **Engineering** from **Jadavpur University** in **2013**.
- Master in Multimedia Development (Equivalent to **Master of Engineering**) from **Jadavpur University** in **2002**.
- Master of Science (in **Statistics** with Specialization on Adv. OR) from The University of **Burdwan** in 1**998**.
- Bachelor of Science (with Hons. in **Mathematics**) from The University of **Burdwan** in **1996**.

ME Thesis Title:	*Design and Development of a Tool for Template Based E-Commerce Site Development.*
PhD Thesis Title:	*Some Contribution towards Filtering and Estimation Techniques for Stochastic Variables and Processes.*

PROFESSIONAL EXPERIENCE :

Full Time Experiences:

Organizations	Designation/ Position	From	To	Years of Exp.	Remarks
Indian Statistical Institute, Kolkata, India (Economic Research Unit)	Project-Linked Position (Full Time on Contract)	2nd Dec 1999	31st May 2000	**6 Months**	**Project:** ISI-HLL Collaborative Project On Business Research. Project Completed
Netaji Subhash Engineering College, Kolkata-152. [Approved by **AICTE**, Affiliated to **MAKAUT** (formerly WBUT), A college under **Techno India Group**]	**Lecturer, CSE/IT** (Full Time, Regular, **Consolidated Pay of only Basic**)	4th March 2002	31st July, 2002	**5 Months**	Promoted to AICTE Pay Scale with all admissible allowances
	Lecturer, CSE/IT (Full Time, Regular Scale of Pay)	1st August 2002	31st July, 2006	**4 Years**	Promoted as Sr. Lecturer
	Sr. Lecturer, CSE/IT (Full Time, Regular Scale of Pay)	1st August 2006	31st July, 2008	**2 Years**	Promoted as Asst. Professor
	Asst. Professor, CSE / IT (Full Time, Regular Scale of Pay)	1st August 2008	Till date	**11 Years Total - 18 Years**	**6th Pay: PB-III**

Administrative Experiences:

Organizations	Designation/ Position	From	To	Years of Exp.
Netaji Subhash Engineering College, Kolkata-152. (Approved by AICTE, affiliated to MAKAUT and a college under TIG)	**Coordinator**, M.Tech. (CSE)	1st November, 2006	31st August, 2009	**3 Years**
	In-Charge, Dept. of IT	18st August, 2009	31st July, 2010	**1 Year**
	HOD, Dept. of CSE	6th February, 2017	16th Jan, 2019	**2 Years**
	HOD, Dept. of MCA	19th August, 2019	Till date	**---**

Part Time Experiences:

Organizations	Designation/ Position	From	To	Exp.	Remarks
Jadavpur University, Kolkata-32	**Guest Faculty,** Dept. of Computer Science and Engineering	Aug, 2002	Apr, 2008	**7 Sem.**	Part-time **M. Tech.** course in **Computer Technology**: Theory and Lab of Multimedia Technology (Subject Comp. Graphics and MM Tech.)
Jadavpur University, Kolkata-32	**Guest Lecturer,** School of Education Technology	Jan, 2009	Dec, 2010	**3 Sem.**	**PG Diploma** in **Risk Management and Financial Engineering**(Computational Methods)
Maulana Abul Kalam Azad University of Technology, West Bengal, (Formerly, WBUT), Salt Lake City, Kolkata-64.	**Guest Lecturer,** Dept. of CSE & IT	Sept, 2013	Jun, 2018	**3 Sem**	**B. Tech (CSE &IT)** Multimedia Theory & Lab (IT702. IT792, CS605D)
National Institute of Pharmaceutical Education and Research (NIPER), Kolkata-32	**Visiting Faculty**	Aug, 2016	Jan, 2017	**1 Sem**	**Course: MS (Pharma)** Semester-III (Subject: **Pharmacoinformatics**)

AWARDS & SPECIAL ACHIEVEMENTS:

1. **University Gold Medal-1998** awarded by the **University of Burdwan** for attaining First position in First Class in order of merit in the **M.Sc.(Statistics)** in the year **1998**.

2. Stand **second position** in the first class in order of merit in the **Master in Multimedia Development,** of **Jadavpur University** in the year **2002** [http://www.juresultdirectory.org/].

3. **Adarsh Vidya Saraswati Rashtruya Puraskar-2019,** National Award of Excellence, Global Management Council and Glacierjournal Research Foundation, Ahmedabad-380061 (Gujarat), 17 December 2019. (National Award)

4. **IMFR Best Scientist Award-2019,** IMRF Academic Awards, International Multidisciplinary Research Foundation, Leading Research Organization in India & Abroad, Institute of Higher Education and Research, 6 December 2019. (International Award)

5. **InSc Research Excellence Award-2020**, Institute of Scholars, Department of Awards, #1338, 2nd Cross, 7th Block Sir M V Layout, Muddhinapalya Bengaluru-560091, Karnataka, India, Jan, 2020. (International Award)

6. **VDGOOD Outstanding Scientist Awards 2020 – Chennai,** 4th International Scientist Awards on Engineering, Science, and Medicine on 15&16-Feb-2020 at Chennai, India, VDGOOD Professional Association, 23 Jan, 2020. (International Award)

7. **Best Paper Award:** Kaustuv Deb*, Sonali Banerjee, **Atanu Das**, Rajib Bag, "Programming Performance Prediction Using Decision Tree Classifiers", International Conference on Future Trends and Technological Advancement in Engineering-2020, Jan 31-Feb 01, 2020, NIT-Agarpara, Kolkata, India. [Papers will appear in a Book with ISBN No.].

RESEARCH INTERESTS:

- Estimation and Filtering, Image and other Multimedia Processing, Learning Technologies, IoT Securities, Machine Learning and Data Sciences.

TEACHING INTERESTS:

- Multimedia Technology, Internet Technology, E-Commerce/E-Business, Computer Graphics, Problem Solving Through C Programming, Entrepreneurship Development, Computational Statistics, Probability and Statistics, Numerical Methods, R Programming, Python Programming at UG/PG.

TECHNICAL SKILLSET:

- **Computer Languages:** C, C++, Core Java, HTML, DHTML, XML, JavaScript, Action Script, Lingo Script, PHP, Perl, Python, R, Matlab Script.

REFEREES:

1. Prof. (Dr.) Tapan Kumar Ghoshal, Honorary **Emeritus Professor**, Dept. of Electrical Engineering / Former Jt. Director, School of Education Technology, Jadavpur University, Kolkata-700032, Mob: +91-9830039040, E-Mail:tkghoshal@gmail.com.

2. Prof. (Dr.) Pramatha Nath Basu, Retired Professor, School of Education Technology, **Jadavpur University**, Kolkata-700032, Mob: +91-9830731114, Email: basupn@yahoo.co.in

3. Prof. (Dr.) Gautam Bandyapadhyay, Dept. of Management Studies, **NIT-Durgapur**, Mahatma Gandhi Avenue, Durgapur West, West Bengal. Pin: 713209, MOB: +91-9434788030, Email: math_gb@yahoo.co.in.

PUBLICATION SUMMARY:

Sl. No.	Publication Type	Number of Publications
1	**Full Authored Books Publication**	**6**
2	**Quality Refereed Journal [Web of Science (SCI-E, E-SCI) & SCOPUS]**	**16**
3	UGC Approved Refereed Journals Other than WoS & SCOPUS	**1**
4	Refereed Indexed Non-Paid Journal	**9**
5	Refereed Indexed Paid Journal	**4**
6	In Refereed Edited Volumes/Book Chapters/Conf. Volume (Including **4 SCOPUS Indexed**) with ISBN/ISSN	**14**
7.	In Refereed Conference Proceedings	**10**
	Published and Accepted Total	**59**
	Communicated Papers	**3**
	Total	**62**

AUTHORED BOOK PUBLICATIONS:

1. [**2020 Textbook**] Atanu Das, Rajib Bag, **Digital Pedagogy with ICT and Learning Technologies**, ISBN13: 978-93-89688-47-4, Pub: CBS Publishers, MRP: ₹550, Pages: 226.

2. [**2020 Textbook**] Atanu Das, Rajkumar Patra, **A Textbook of Computer Science and Python Programming with Practical-CBSE Class XI**, ISBN13: xxx-xx-xxxx-xxx-x, Pub: Aryan Publishing House [MoA Signed on 29th Nov, 2019 and the Book is under Copyediting], Price: ₹. ##, Pages: 625.

3. [**2020 Textbook**] Atanu Das, Rajkumar Patra, **A Text Book of IT Workshop on Python Programming**, ISBN: 978-93-5350-279-9, Pub: Cengage Learning, MRP: ₹299, Pages: 292.

4. [**2020 Reference Book**] Mousumi Mitra, **Atanu Das**, **E-Learner's Assessments with Fuzzy Logic**, ISBN13: 978-613-8-91999-5, Pub: Scholar's Press, Riga, Latvia, European Union, **MRP: 99.9€**, Pages: 313, Published on: 26th Dec, 2019.

5. [**2019 Monograph**] **Atanu Das**, **Adaptive Estimation and Filtering in Finance**, ISBN13: 978-620-0-10302-4, Pub: LAP LAMBERT Academic Publishing, Germany, Published on: 24 May, 2019, MRP: **87.90€**, Pages: 321.

6. [**2019 Monograph**] Rajib Bag, **Atanu Das**, **Signal Correction Techniques for Biomedical Control Systems**, ISBN13: 978-620-0-21522-2, Pub: LAP LAMBERT Academic Publishing, Germany, Published on: 11 Jun, 2019, **MRP: 76.90€**, Pages: 218.

LIST OF PUBLISHED AND ACCEPTED PAPERS:

QUALITY REFEREED JOURNAL [WEB OF SCIENCE (SCI-E, E-SCI), SCOPUS]: 14

7. [**2020**] Aritra Bandyopadhyay*, Kaustuv Deb, Atanu Das, Rajib Bag, Impulse Noise Removal by K-Means Clustering Identified Fuzzy Filter – A New Approach, Turkish Journal of Electrical Engineering & Computer Sciences, ISSN: 1300-0632, E-ISSN: 1303-6203, Communicated on 1st October 2019, **Accepted on 3rd March**, **2020**, Manuscript ID: ELK-1910-34, Pub: The Scientific and Technological Research Council of Turkey, [**SCIE, SCOPUS**].

8. [**2019**] Rudra Prasad Chatterjee, Kaustuv Deb, Sonali Banerjee, **Atanu Das***, Rajib Bag, "Web Mining Using K-Means Clustering and Latest Substring Association Rule for E-Commerce", *Journal of Mechanics of Continua and Mathematical Science* (JMCMS), ISSN: 0973-8975 (Print), 2454-7190 (Online), Vol. 14, No. 6, pp. 28-44, Nov-Dec 2019, DOI: 10.26782/jmcms.2019.12.00003,. Pub: IMCMS. [**ESCI**]

9. [2019] Shubhendu Banerjee*, Sumit Kumar Singh, Atanu Das, Rajib Bag, "Recognition of Hindi and Bengali Handwritten and Typed Text from Images using Tesseract on Android Platform", International Journal of Innovative Technology and Exploring Engineering *(IJITEE)*, ISSN: 2278-3075, Vol. 9 Issue 1, pp. 3507-3516, November 2019. DOI: 10.35940/ijitee.A5252.119119. [**SCOPUS**]

10. [**2019**] Kaustuv Deb*, Rudra Prasad Chatterjee, Sonali Banerjee, Rajib Bag, **Atanu Das**, "Educational Website Ranking Using Fuzzy Logic and K-Means Clustering based Hybrid Method", *Ingénierie des Systèmes d'Information (ISI),* ISSN: 1633-1311 (print); 2116-7125 (online), Vol. 24, No. 5, pp. 497-506, October 2019, Pub: IIETA, Canada. DOI:10.18280/isi.240506. [**SCOPUS.**]

11. [**2019**] **Atanu Das***, "Some New Alternative Formulations of Adaptive Kalman Filter for Market Risk Beta Estimation", *Int. Journal of Business Analytics (IJBAN)*, *Special Issue: Data Analytics in Humanitarian Supply Chain and Disaster Relief Operations Under Risk and Uncertainty*, ISSN: 2334-4547 EISSN: 2334-4555, Vol. 7, No. 4, Article-4, pp. xx, **Accepted** on 26 Jan, 2019, Published Mar, 2020, Manuscript ID: #011218-111854, DOI: 10.4018/IJBAN.2020040###, Pub: IGI-GLOBAL. [**ESCI, SCOPUS**]. https://www.igi-global.com/journal/international-journal-business-analytics/67141

12. [**2019**] Kaustuv Deb*, Sonali Banerjee, **Atanu Das** and Rajib Bag, "Tutorial Gap Identification towards Student Modeling using Fuzzy Logic", *Int. Journal of Information and Communication Technology Education (IJICTE),* ISSN: 1550-1876 (Print), 1550-1337 (Online), Vol. 15, Issue 3, pp. 30-41, DOI: 10.4018/IJICTE.2019070103, Pub: IGI-GLOBAL. [**ESCI, SCOPUS**].

13. [**2019**] **Atanu Das***, "Parameter Estimations of Stochastic Volatility Model by Modified Adaptive Kalman Filter with QML", *Journal of Mechanics of Continua and Mathematical Science* (JMCMS), ISSN: 0973-8975 (Print), 2454-7190 (Online), Vol. 14, No. 2, pp. 301-317, 2019, DOI: 10.26782/jmcms.2019.04.00024, Pub: IMCMS. [**ESCI**]

14. **[2019]** Atanu Das*, "Performance Evaluation of Modified AKF, LMS and RLS Methods for Market Risk Beta and VaR Estimation", *Quantitative Finance and Economics* (QFE), ISSN (Online): 2573-0134, Vol. 3, No. 1, pp. 124-144, 2019, Pub: AIMS Press. DOI: 10.3934/QFE.2019.1.124 **[ESCI]**

15. **[2019]** Atanu Das*, "Towards Risk Adjusted Performance Appraisal of Indian Mutual Funds", *Journal of Mechanics of Continua and Mathematical Science* (JMCMS), ISSN: 0973-8975 (Print), 2454-7190 (Online), Vol. 14, No. 1, pp. 110-131, Jan-Feb 2019, Pub: IMCMS. DOI: 10.26782/jmcms.2019.02.00008 **[ESCI]**.

16. **[2018]** Shubhendu Banerjee, Aritra Bandyopadhyay*, Rajib Bag, Atanu Das, "Four Directional Detection Based Gaussian Noise Removal", *Lecture Notes in Electrical Engineering (LNEE)*, ISSN: 1876-1100, ICCACCS-2018, pp. 72, (23-24 Nov), 2018. Pub.: Springer **[SCOPUS].**

    [2020] S. Banerjee, A. Bandyopadhyay*, R. Bag, A. Das, "Four-Directional Detection-Based Gaussian Noise Removal", In: Maharatna K., Kanjilal M., Konar S., Nandi S., Das K. (eds) Computational Advancement in Communication Circuits and Systems. Lecture Notes in Electrical Engineering, Vol. 575. Springer, Singapore, DOI:doi.org/10.1007/978-981-13-8687-9_24

17. **[2018]** Prithwish Das, Kushal Chakraborty, Sayak Sinha, **Atanu Das***, "A New Image Steganography Method using Message Bits Shuffling", *Journal of Mechanics of Continua and Mathematical Sciences (JMCMS),* ISSN: 0973-8975 (Print), 2454-7190 (Online), Vol. 13, No. 5, pp. 1-15, Nov - Dec, 2018, Pub: IMCMS. DOI: 10.26782/jmcms.2018.12.00001. **[ESCI]**

18. **[2017]** **Atanu Das**, Kaustuv Deb*, Sonali Banerjee and Rajib Bag, "A New Method for Tutorial Gap Identification towards Students Modelling", *Mathematical Modelling of Engineering Problems (MMEP)*, ISSN 2369-0739 (Print), 2369-0747 (Online), Vol. 4, No. 2, pp. 80-83, June, 2017, Pub: IIETA, Canada. DOI: 10.18280/mmep.040203. **[SCOPUS].**

19. **[2017]** Shubhendu Banerjee*, Aritra Bandyopadhyay, Avik Mukherjee, **Atanu Das**, Rajib Bag, "Random Valued Impulse Noise Removal using Region Based Detection Approach", *Engineering, Technology & Applied Science Research (ETASR)*, ISSN: 1792-8036 (Online), 2241-4487 (Print), Vol. 7, No. 6 (Dec 2017), pp. 2288-2292, Pub: EOS ASSOC, DOI:10.5281/zenodo.1118986. **[ESCI].**

20. **[2016]** Atanu Das*, "Higher Order Adaptive Kalman Filter for Time Varying Alpha and Cross Market Beta Estimation in Indian Market", *Economic Computation and Economic Cybernetics Studies and Research (ECECSR)*, ISSN: 1842–3264, Vol. 50, No. 3, pp. 211-228, Pub: Academy of Economic Studies, Bucharest, Romania. **[SCIE, SCOPUS].**

21. **[2015]** Mousumi Mitra, **Atanu Das***, "A Fuzzy Logic Approach to Assess Web Learner's Joint Skills", *Int. Journal of Modern Education and Computer Science*, ISSN: 2075-0161 (Print), 2075-017X (Online), Vol. 9, pp. 14-21, Sept, 2015, Pub: MECS Press. DOI: 10.5815/ijmecs.2015.09.02**. [SCOPUS].**

22. **[2009]** Atanu Das*, Pramatha Nath Basu, Tapan Kumar Ghoshal, "Stochastic Volatility Model for Indian Security Indices: VaR Estimation and Backtesting", *The Indian Journal of Finance (IJF)*, ISSN 0973-8711, Vol. III, No. 9, pp. 43-47, September, 2009, Pub: IJF. **[SCOPUS].**

UGC APPROVED REFEREED JOURNALS OTHER THAN WoS & SCOPUS: 1

23. **[2010]** Atanu Das*, Pramatha Nath Basu, "Designing a Generic Framework of an Educational Enterprise in line with Java 2 Enterprise Edition", *EduTech, e-Journal of Education & Technology*: Online ISSN 0975-5004, Ref#: 1002-00001, Issue#1002, 5th Sept, 2010, available at http://www.edutech.net.in/ Articles/1002/Art00001.pdf, Pub: EduTech.

REFEREED INDEXED PAID JOURNAL: 4

24. **[2010]** Atanu Das*, Rajib Bag, "An Improved Medical Image Registration Method using Curvelet Transform and Genetic Algorithm", *Int. Journal of Computer Applications in Engineering Technology and Sciences* (IJ-CA-ETS): ISSN 0974-3596, Vol. 3, Issue 1, pp. 152-157, October, 2010, Pub: IJ-CA-ETS.

25. **[2010]** Atanu Das*, Rajib Bag, "Wireless Sensor Network Based Monitoring Systems: A Review and State-of-the-art Applications", *Int. Journal of Computer Applications in Engineering Technology and Sciences* (IJ-CA-ETS): ISSN 0974-3596, Vol. 3, Issue 1, pp.142-151, October, 2010, Pub: IJ-CA-ETS.

26. **[2010]** Rajib Bag, **Atanu Das***, "Developing an Intelligent Tutoring System following Bayesian Approach", *Int. Journal of Advanced Engineering & Applications* (IJAEA), ISSN 0975–7783 (Print),

0975–7791 (Online), Vol. 2, pp. 114-119, June Issue, 2010, available at http://steps-india.com/ijaea/ijaea-june2.htm, Pub: Index Copernicus sp. z o.o.

27. **[2010] Atanu Das***, Tapan Kumar Ghoshal, "Market Risk Beta Estimation using Adaptive Kalman Filter", *Int. Journal of Engineering Science and Technology* : Print-ISSN: 2278–9510, Online-ISSN 0975-5462, Vol. 2(6), pp. 1923-1934, June, 2010, Pub: Engineering. Journals Publications. http://journaldatabase.info/articles/market_risk_beta_estimation_using.html

REFEREED INDEXED NON-PAID JOURNAL: 9

28. **[2018]** Kaustuv Deb*, Rudra Prasad Chatterjee, Sonali Banerjee, Rajib Bag, **Atanu Das**, "Mobile Phone Ranking by Analytical Hierarchical Process: A Case Study", *Int. Journal of Information Engineering and Electronic Business (IJIEEB),* Vol. 10, No. 6, pp.52-60, ISSN: 2074-9023 (Print), ISSN: 2074-9031 (Online), DOI: 10.5815/ijieeb, Pub.: MECS Press. DOI: 10.5815/ijieeb.2018.06.06**.**

29. **[2015]** Aritra Bandyopadhyay*, Minu Kumari, Pooja, **Atanu Das,** Rajib Bag, "Detection and Removal of High Density Random Valued Impulse Noise", *CiiT Int. Journal of Digital Image Processing*, Print-ISSN: 0974-9691, Online-ISSN 0974-9586, Vol. 7, No. 8, pp. 242-246, Aug, 2015, Pub: CiiT.

30. **[2017]** Prithwish Das, Supriyo Ray, **Atanu Das***,"An Efficient Embedding Technique in Image Steganography Using Lucas Sequence", *Int. Journal of Image, Graphics and Signal Processing (IJIGSP)*, ISSN: 2074-9074 (Print), 2074-9082 (Online), Vol.9, No.9, pp. 51-58, 2017. DOI: 10.5815/ijigsp.2017.09.06. **.**

31. **[2016] Atanu Das***, "Cyclical Behavior Analysis of Indian Market Using H-P Filter and Spectral Techniques", *The IUP Journal of Applied Finance,* ISSN 0972-5105, Vol. 22, No. 2, pp. 62-78, April, 2016, Pub: IUP.

32. **[2015]** Aritra Bandyopadhyay*, Shubhendu Banerjee, Rajib Bag, **Atanu Das, "**A Re-look and Renovation over State-of-the-Art Salt and Pepper Noise Removal Techniques", *Int. Journal of Image, Graphics and Signal Processing*, ISSN: 2074-9074 (Print), 2074-9082 (Online), Vol. 7, No. 9, pp. 61-69, August 2015. Pub: MECS Press.

33. **[2014]** Shubhendu Banerjee, Aritra Bandyopadhyay*, Rajib Bag, **Atanu Das**, "Neighborhood Based Pixel Approximation for High Level Salty and Pepper Noise Removal", *CiiT Int Journal of Digital Image Processing*, Print-ISSN: 0974-9691, Online-ISSN 0974-9586, Vol. 6, Issue: 8, pp. 346-351, September, 2014, Pub: CiiT**.**

34. **[2009] Atanu Das*,** Tapan Kumar Ghoshal, Pramatha Nath Basu, "A Review on Recent Trends of Stochastic Volatility Models", *Int. Review of Applied Financial Issues and Economics* (IRAFIE): ISSN 9210-1737, Vol. 1, No 1, pp. 83-106, December, 2009, available at http://www.irafie.com/ content2.php, Pub: S.E.I.F at Paris.

35. **[2009]** Swarnava Mitra*, Atanu Das, "Security Index Forecasting using Multistep Ahead Wavelet Neural Network and Wavelet GARCH: A Comparative Study", *IMS Manthan-The International Journal of* Innovation: ISSN 0974-7141, Vol. 4, Issue 2, pp. 17-21, 2009, Pub: Institute of Management Studies Noida (Publishingindia.com).

36. **[2008] Atanu Das***, Pramatha Nath Basu, Sudev C. Das, "A Re-look at the VaR Computation Method Recommended by National Stock Exchange of India", *The ICFAI Journal of Applied Finance* (IJAF): ISSN 0972-5105, Vol. 14, No. 9, pp. 45-53, September 2008, , Pub: IUP. **.**

IN REFEREED BOOK CHAPTERS/CONF. VOLUME WITH ISBN/ISSN: 14

37. **[2020]** Joy Chatterjee*, **Atanu Das**, Sayon Ghosh, Manab Kumar Das and Rajib Bag, "A Review on Cyber Security and Privacy Issues in IoT Healthcare", in edited book – Internet of Things for Healthcare Technologies, by Chinmay Chakraborty et. al., ISBN: 978-981-15-4111-7, Pub: **Springer** [Proposal Submitted on 30 Oct, 2019, Proposal Accepted on 6 Nov, 2019, Chapter Submitted on 1Jan, 2020, Full Paper Accepted 01 Feb, 2020, Finally Submitted 9 Feb, 2020, Pub confirmed 16 March, 2020, Will be published: July, 2020, https://www.springer.com/gp/book/9789811541117#aboutBook].

38. **[2019]** Joy Chatterjee*, **Atanu Das**, Sayon Ghosh, Manab Kumar Das and Rajib Bag, "Cyber Attack Analysis and Security Aspect of IoT Enabled Technologies", in edited book - IoT: Security and Privacy Paradigm, by Souvik Pal, Vicente García Díaz, Dac-Nhuong Le, Pub: **CRC Press, Taylor & Francis**

Group. Publication date: June 1, 2020, ISBN 9780367253844, pp. 159-192, https://www.crcpress.com/IOT-Security-and-Privacy-Paradigm/Pal-Diaz-Le/p/book/9780367253844.

39. **[2019]** Sonali Banerjee, **Atanu Das,** Rajib Bag, "A Survey on Use of Adaptive Learning Techniques towards Learning Personalization," for the upcoming book, Khosrow-Pour D.B.A., M. (2021). Handbook of Research on Modern Educational Technologies, Applications, and Management (2 Volumes) (pp. 1-950). Hershey, PA: IGI Global. doi:10.4018/978-1-7998-3476-2 (encyclopedia@igi-global.com), (Book Chapter Proposal **Accepted** on 20 Feb, 2019, Full Chapter Submitted on 27 Apr, 2019, Full Chapter Accepted on 30 May, 2019 and under copy editing) Pub: **IGI-GLOBAL**.

40. **[2017] Atanu Das**, Kaustuv Deb*, Sonali Banerjee and Rajib Bag, "A New Method for Tutorial Gap Identification towards Students Modeling," *Proc. of Int. Conf. on Advances in Science and Technology 2017*, ISBN: 978-1-945919-47-3, pp. 318-321, 17-19 March, 2017, MCKV Institute of Engg, Kolkata, India, Pub: Mudranik Technologies Pvt. Ltd..

41. **[2016]** Shubhendu Banerjee, Aritra Bandyopadhyay*, Rajib Bag, **Atanu Das**, "A Deviation Based Identification of Random Valued Impulse Noise Towards Image Filtering Using Neighborhood Approximation", 3rd Int. Conf. on Foundations and Frontiers in Computer, Communication and Electrical Engineering (C2E2-2016), Edited by A. Acharya, 15th-16th January, 2016 at SKFGI, Mankundu, Hooghly, WB, INDIA, pp.217–220, Print ISBN: 978-1-138-02877-7, eBook ISBN: 978-1-315-65791-2, DOI: 10.1201/b20012-46, Pub: CRC Press(Taylor- Francis Group). **[SCOPUS]**

42. **[2016]** Aritra Bandyopadhyay*, Koyel Chakraborty, **Atanu Das**, Rajib Bag, "High Density Salt and Pepper Noise Removal by Selective Mean Filter", Proc. of 3rd Int. Conf. on Foundations and Frontiers in Computer, Communication and Electrical Engineering (C2E2-2016), Edited by A. Acharya, 15th-16th January, 2016 at SKFGI, Mankundu, Hooghly, WB, INDIA, pp. 191–194, Print ISBN: 978-1-138-02877-7, eBook ISBN: 978-1-315-65791-2, DOI:10.1201/b20012-41, Pub: CRC Press (Taylor- Francis Group). **[SCOPUS]**

43. **[2016]** Sonali Banerjee*, Rajib Bag, **Atanu Das**, "Design and Development of a Web Based Teaching Performance Assessment Tool with Student Feedback and Fuzzy Logic", 3rd Int. Conf. on Foundations and Frontiers in Computer, Communication and Electrical Engineering (C2E2-2016), Edited by A. Acharya, 15th-16th January, 2016 at SKFGI, Mankundu, Hooghly, WB, INDIA, pp.475-479, Print ISBN: 978-1-138-02877-7, eBook ISBN: 978-1-315-65791-2, 2016, DOI:10.1201/b20012-93. Pub: CRC Press (Taylor- Francis Group). **[SCOPUS]**

44. **[2016]** Shubhendu Banerjee*, Arijit Taraphdar, Rajib Bag, and Atanu Das, "Binary expansion based denoising algorithm for an image corrupted by Gaussian noise," CSI Transactions on ICT, ISSN: 2277-9078 (Print), 2277-9086 (Online), Special Issue ICAC-2016 of CSIT, pp. 1-5, 2016. Pub: **Springer,** DOI:10.1007/s40012-016-0151-7. Selected papers of International Conference of Advanced Computing (ICAC-2016), 26th - 27th October, 2016, Organized by: Maulana Abul Kalam Azad University of Technology, West Bengal,

45. **[2015]** Shubhendu Banerjee*, Aritra Bandyopadhyay, Rajib Bag, **Atanu Das**, "Moderate Density Salt & Pepper Noise Removal", *Int. Journal of Electronics and Communication Technology, (IJECT)*, ISSN: 2230-7109 (Online), 2230-9543 (Print), Vol. 6, Issue 1, Spl-1, pp. 44-48, Jan - March 2015. Pub: Cosmic Journal. 2ndInt. Conf. on "Foundations & Frontiers in Computer, Communications and Electrical Engineering (C2E2-2015)", Organized jointly by Supreme Knowledge Foundation Group of Institutions (SKFGI) on 9th-10th January, 2015 at Mankundu, Hooghly, WB, INDIA.

46. **[2015]** Adeel Jawed*, **Atanu Das**, "Security Enhancement in Audio Steganography by RSA Algorithm", *Int. Journal of Electronics and Communication Technology, (IJECT)*, ISSN: 2230-7109 (Online), 2230-9543 (Print), Vol. 6, Issue 1, Spl-1, pp. 139-142, Jan - March 2015, Pub: Cosmic Journal**,** 2ndInt. Conf. on "Foundations & Frontiers in Computer, Communications and Electrical Engineering (C2E2-2015)", Organized jointly by Supreme Knowledge Foundation Group of Institutions (SKFGI) on 9th-10th January, 2015 at Mankundu, Hooghly, WB, INDIA.

47. **[2015]** Debamita Bose*, **Atanu Das**, "Using Fuzzy Trapezoidal Rule for Web Learner's Competence Assessment", *Int. Journal of Electronics and Communication Technology, (IJECT)*, ISSN: 2230-7109 (Online), 2230-9543 (Print), Vol. 6, Issue 1, Spl-1, pp. 169-173, Jan - March 2015, Pub: Cosmic Journal.**,** 2ndInt. Conf. on "Foundations & Frontiers in Computer, Communications and Electrical Engineering (C2E2-2015)", Organized jointly by Supreme Knowledge Foundation Group of Institutions (SKFGI) on 9th-10th January, 2015 at Mankundu, Hooghly, WB, INDIA.

48. **[2015]** Shubhendu Banerjee, Aritra Bandyopadhyay*, Rajib Bag, **Atanu Das**, "Sequentially Combined Mean-Median Filter for High Density Salt & Pepper Noise Removal", **2015 IEEE International** Conference on Research in Computational Intelligence and Communication Networks (ICRCICN), Edited by Dr. Siddhartha Bhattacharyya et.al., 20-22 Nov, 2015, RCCIIT, Kolkata, India, pp. 21-26, DOI: 10.1109/ICRCICN.2015.7434203 Online-ISBN: 978-1-4673-6735-6 CD-ROM ISBN: 978-1-4673-6734-9, Pub: **IEEE Xplore** Digital Library. **[SCOPUS]**.

49. **[2014] Atanu Das***, "Characterizing Some Statistical Properties and Stylized Facts of Indian Security Markets Time Series", in Ed. Vol. *Researches in Commerce and Management—A Deep Insight*, edited by Dr. M. Bansal, ISBN No. 978-81-8387-6773-3, pp. 19-57, 2014, Pub: Serial Publications Pvt. Ltd. (New Delhi), [351 Pages, Price: INR.1395].

50. **[2014] Atanu Das***, "Estimation and Prediction in Finance--A Review", in Ed. Vol. *Dynamics of Commerce and Management in the New Millennium*, edited by N. Chaudhary, ISBN No.: 978-93-84144-56-4, pp. 267-306, 2014, Pub: International Research Publication House. (DK-Agencies: DK-244910, New Delhi), [365 pages, Price: INR 900].

IN REFEREED CONFERENCE PROCEEDINGS without ISBN/ISSN: 9
International:

51. **[2020]** Joy Chatterjee*, Sayon Ghosh, Manab Kumar Das, **Atanu Das** and Rajib Bag, "A New Analytical Approach For Smart Retail Shopping Using IoT", Proc. of International Conference on Future Trends and Technological Advancement in Engineering-2020 (ICFTTAE-2020), pp. 69, Jan 31-Feb 01, 2020, NIT-Agarpara, Kolkata, India. [Papers will appear in a Book with ISBN No.].

52. **[2020]** Kaustuv Deb*, Sonali Banerjee, **Atanu Das**, Rajib Bag, "Programming Performance Prediction Using Decision Tree Classifiers", Proc. of International Conference on Future Trends and Technological Advancement in Engineering-2020 (ICFTTAE-2020), pp. 68, Jan 31-Feb 01, 2020, NIT-Agarpara, Kolkata, India. [Papers will appear in a Book with ISBN No.] **Best Paper Award.**

53. **[2020]** Sonali Banerjee*, Kaustuv Deb, **Atanu Das**, Rajib Bag, "Skill Oriented Career Goal Recommendation Using Fuzzy Assignment Problem", Proc. of International Conference on Future Trends and Technological Advancement in Engineering-2020 (ICFTTAE-2020), pp. 69, Jan 31-Feb 01, 2020, NIT-Agarpara, Kolkata, India. [Papers will appear in a Book with ISBN No.].

54. **[2007]** Wasefer Zaman, **Atanu Das***, P. N. Basu, "A Survey on Computer Based Training----An Indian Perspective", *Proc. of Int. Conf. on Emerging Trends in Electrical Engineering*, Organized by: Dept. of EE, Jadavpur University at Science City, Kolkata, pp. 85/ e-pp. 492-497, January 12-14, 2007.

National:

55. **[2013]** Mousumi Mitra*, **Atanu Das**, "Applying A Fuzzy Technique For Web-Based Learner's Performance Evaluation", *Proc. of National Conference on Control, Communication & Device Electronics* (N3CD-2013), JIS Engineering College, Kalyani, WB, India, pp.125-131, July 25-26, 2013.

56. **[2010]** Swarnava Mitra*, **Atanu Das,** "Effect of Wavelet Denoising in Multi Step Ahead Time Series Forecasting", *Proceedings of National Conference in Electrical, Power Engineering, Electronics & Computer* (Tech-Meet 2010), Pailan College of Management and Technology in association with IEEE Calcutta Chapter, pp. 88-92, February 12-13, 2010.

57. **[2010]** Swarnava Mitra*, **Atanu Das,** "A Wavelet Neural Network Based Automated Target Recognition Method using Zerkine Moment as Features", *Proc of National Conference in Electrical, Power Engineering, Electronics & Computer* (Tech-Meet 2010), Pailan College of Management and Technology in association with IEEE Calcutta Chapter, pp. 73-79, February 12-13, 2010.

58. **[2009] Atanu Das***, "Signal Processing in Electronics and Finance: Some Contrast and Similarities", *Proceedings of IEEE National Conference on Computing Communication Systems* (COCOSYS-09), UIT, The University of Burdwan, Burdwan, WB, India, pp. 183-188, January 02-04, 2009.

59. **[2002] Atanu Das***, P.N. Basu, "Design & Development of a Tool for Template-Based E-Commerce Site Development", *Proc. of All India Seminar on IT ENABLED SERVICES,* The Institution of Engineers (India) at BITM, Kolkata, pp. 31-35, April 26-27, 2002.

*Corresponding Author (for Journal) & Presenting Author (for Conference Proceedings)

60. **[2020] Atanu Das***, "Process Noise Adaptive Kalman Filter for Stochastic Volatility Estimation with Indian Market Data", *Economic Computation and Economic Cybernetics Studies and Research* (ECECSR), ISSN: 1842–3264, Communicated 17 Aug, 2019, Vol. XX, No. X, pp. XXX-XXX, Pub: Academy of Economic Studies, Bucharest, Romania. [**SCIE**, SCOPUS].

61. **[2020]** Shubhendu Banerjee*, Sumit Kumar Singh, **Atanu Das**, Rajib Bag, "Recognition of English Handwriting and Typed Text from Images using Tesseract on Android Platform", *Mobile Information Systems*, ISSN: 1574-017X, e-ISSN: 1875-905X, Vol. x, No. x, pp. 000–000, Communicated on 16 Aug, 2019, Manuscript number: 3963169**,** Pub: WILEY-HINDAWI, NETHERLANDS. **[SCIE, SCOPUS].**

62. **[2020]** Rudra Prasad Chatterjee, Kaustuv Deb, Sonali Banerjee, Atanu Das and Rajib Bag, "Building Student Categorization System using Unsupervised Learning Algorithm", Advances and Applications in Mathematical Sciences, ISBN: 0974-6803, communicated 23rd Jan, 2020, Vol. XX, No. X, pp. XXX-XXX, Pub: Mili Publications. **[SCOPUS]**

Ph.D. SUPERVISIONS:

- **Aritra Bandyopadhyay** Ph.D. (CSE) Registered (No. PhD/Tech/CSEIT030/2016, Date: 23.09.2016) at MAKAUT (formerly WBUT), West Bengal, with thesis title "*Towards Improvement and Applications of Filters for Digital Image Enhancement --- Some Contributions*", (Jt-Supervision with Dr. R. Bag).

- **Shubhendu Banerjee** Ph.D. (CSE) Registered (No. PhD/Tech/CSEIT026/2016, Date: 16.09.2016) at MAKAUT (formerly WBUT), West Bengal, with thesis title "*Some Contributions towards Digital Image Filtering and Pattern Recognition*", (Jt-Supervision with Dr. R. Bag).

- **Sonali Banerjee** Ph.D. (CSE) Enrolled (No.: PhD/Tech/CSEIT068/2018, Date: 01.10.2018) at MAKAUT (formerly WBUT), West Bengal, with thesis title "*Toward Evolution of Adaptive Learning Techniques for Student Modeling and Personalization*", (Jt-Supervision with Dr. R. Bag).

- **Kaustuv Deb** Ph.D. (CSE) Enrolled (No.: PhD/Tech/CSEIT072/2018, Date: 01.10.2018) at MAKAUT (formerly WBUT), West Bengal, with thesis title "*Students Modeling in E-Learning using Machine Learning Techniques*", (Jt-Supervision with Dr. R. Bag).

- **Rudra Prasad Chatterjee** started working towards **Ph.D.** (CSE) **Enrollment** with thesis title "*Some Contributions towards Educational Data Mining and Learning Analytics"* (Jt-Supervision with Dr. R. Bag).

M.TECH / PG THESIS SUPERVISED:

Sl. No.	Title	Name of Student	Course/ Institutions	Year of Deg.
9	A Study on Recognition of Devanagari Numerals	Somaditya Singha	**M.Tech (CSE),** NSEC, WBUT	2019
8	Design and Development of a Tutorial Recommendation System	Indranil Rakshit	Do	2017
7	Design and Development of Personalized Education along with Fuzzy Logic Based Competence Assessment	Debomita Bose	Do	2015
6	Security Enhancement in Audio Steganography By RSA Algorithm.	Adeel Jawed	Do	2014
5	Design and Development of Web-Based Learning System with Application of Fuzzy Logic For Learner's Performance Evaluation.	Mousumi Mitra	Do	2013
4	Applying ANN for Prediction of Indian Stock Market Time Series.	Nilanjan Saha	Do	2013
3	Design and Development of a Web based Cognitive Intelligent Tutoring System.	Sanchari Basu	Do	2011
2	Design and Development of A Web Based Self-	Sudipta Maitra	Do	2011

| | | | | Explanatory Learning System Using Fuzzy Logic. | | | | |

	Titles	Author	Nature	Year
1	Security Index Forecasting Using Multi Step Ahead Wavelet Neural Network And Wavelet GARCH: A Comparative Study.	Swarnava Mitra	**PGDRMFE**, **SET, JU**	2009

Seminar / Conference / Workshop / Refresher Courses / Orientation Courses/ Other Courses.

Organized, Worked as Resource Person and Present Papers:

	Events	Titles	Organized By	Duration	Nature of Participation	Sponsoring Authority
1	All India Seminar	IT-Enabled Services	The Institution of Engineers (India) at BITM, Kolkata	26-27 April, 2002	Participant & Paper Presenter	IE Comp. Engg. Div.
2	2-Days Training Course	Educational Content Creation under Retaining of College Teacher Programme	SET, Jadavpur University (JU), Kolkata	20-21 January, 2006	Participant & Technical Help	UGC, India
3	2-Days Workshop	Computational Paradigms in Bio Informatics Research	Dept. of CSE NSEC, Kolkata	31 Mar-1 April, 2006	Organizer and Participant	TEQIP, World Bank
4	**1-Week Short Term Course (STC)**	**Professional Office Automation (Organized Sector)**	**Dept. of CSE, NSEC, Kolkata**	**2-5 May, 2006**	**Organizer & Resource Person**	**TEQIP, World Bank**
5	**2-Week STC**	**Introduction to Multimedia & Web Page Design (Unorganized And Self Employed)**	**Dept. of CSE, NSEC**	**20-29 Nov, 2006**	**Organizer & Resource Person**	**TEQIP, World Bank**
6	International Conference	Emerging Trends in Electrical Engineering	Dept. of EE, JU at Science City, Kolkata.	12-14 January, 2007	Participant and Paper Presenter	Dept. of EE, JU
7	**2-Weeks STC**	**Hardware Installation and PC Maintenance**	**Dept. of CSE, NSEC**	**1-14 February, 2007**	**Organizer**	**TEQIP, World Bank**
8	Seminar	Curriculum Development for Degree Engineering Courses	Dept. of CSE, NSEC	5 February, 2007	Resource Person	Dept. of CSE & IT, NSEC
9	1-Day Seminar	Emerging trends on Courseware Engineering	Dept. of CSE , NSEC	26 April, 2007	Organizer & Participant	TEQIP, World Bank
10	**1-Week STC**	**Desk-Top Publishing (Unorganized & Self Employed Sector)**	**Dept. of CSE, NSEC**	**28 May-4 June, 2007**	**Organizer**	**TEQIP, World Bank**
11	**1-Week STC**	**Computer Handling Skill (Unskilled Staff Members)**	**Dept. of CSE, NSEC**	**23-27 July, 2007**	**Organizer**	**TEQIP, World Bank**
12	**2-Weeks STC**	**Introduction to MS-Office and Database Management System**	**Dept. of CSE, NSEC**	**20 Aug-5 Sept, 2007**	**Organizer**	**TEQIP, World Bank**
13	2-Weeks STC	Hardware & PC Maintenance	Dept. of CSE, NSEC	20 Sept-8 Oct, 2007	Organizer	TEQIP, World Bank

	Events	Titles	Organized By	Duration	Nature of Participation	Sponsoring Authority
14	1-Day Workshop	Solving Some Problems of Computational Biology	Dept. of CSE, NSEC	28 November, 2007	Organizer & Participant	TEQIP, World Bank
15	2-Days National Workshop	e-SLM Content Design and Development	Directorate of DE, JU	14-15 March, 2008	Resource Person and Participant	DEC, India
16	2-Days Workshop	Soft-Computing Techniques in Engineering Applications	Dept. of CSE, NSEC	13-14 March, 2008	Organizer	TEQIP, World Bank
17	IEEE National Conference	Computing Communication Systems (COCOSYS-09)	UIT, BU, WB	2-4 January, 2009	Participant & Paper Presenter	UIT, BU
18	**1-Day Workshop**	**Content Development using Principles of Courseware Engineering**	**Dept. of CSE & IT, NSEC**	**27 February 2009**	**Convener**	**TEQIP, World Bank**
19	3-Days Workshop	Pattern Recognition Using Machine Learning Techniques	Dept. of CSE & IT, NSEC	25–27March, 2009	Organizer and Participant	TEQIP, World Bank
20	**4-Weekends Faculty Induction Programme**	**Building Competency for Academic Management and Industrial Collaboration**	**NSEC**	**March 07, 14, 21& 28, 2009**	**Participant & Organizer**	**TEQIP, World Bank**
21	2-Days National Workshop	e-content Design and Development	Directorate of DE, JU	29-30 July, 2009	**Resource Person**	DEC, New Delhi
22	**International Conference**	**2nd Int. Conf. on Foundations and Frontiers in Computer, Communication and Electrical Engineering (C2E2-2015)**	**SKFGI, IEEE AP-MTT & CSIR-CEERI-Pilani, at Mankundu, WB, INDIA**	**9th -10th January, 2015**	**Session Chair**	**SKFGI & CSIR-CEERI, Pilani**
23	**4- Weeks AICTE Approved FDP**	**Use of ICT in Education for Online and Blended Learning**	**IIT Bombay & NSEC**	**On-line Activity equivalent to 3 weeks from 2 May-10 July, 1-week face to face interaction on 14, 15 May, 4, 5, June, and 25, 26 June 2016 at RC**	**Workshop Coordinator**	**NME-ICT, MHRD**

Participated Only:

	Events	Titles	Organized By	Duration	Nature of Participation	Sponsoring Authority
24	**2-Weeks QIP STC**	**Image and Video Processing**	**IIT-KGP**	**19 Feb-2 Mar, 2007**	**Participant**	**AICTE, New Delhi**

	Events	Titles	Organized By	Duration	Nature of Participation	Sponsoring Authority
25	**1-Week STC**	**Professional Management for Academic Excellence**	**NITTTR-Kolkata at NSEC**	**4-8 February, 2008**	**Participant**	**TEQIP, World Bank**
25	1-Day Seminar	Convergence of Knowledge Management and Quality Assurance in e-SLM	Directorate of DE, JU	13 March, 2008	Participant	DEC, India
27	1-Day National Seminar	Technology Enhanced Learning	Directorate of DE, JU	28 July, 2009	Participant	DEC, New Delhi
28	1-Day National Seminar	Technology Enhanced Learning-Problems and Prospects	Directorate of DE, JU	24June, 2010	Participant	DEC, New Delhi
29	1-Day National Workshop	Information Retrieval (IR)	Dept. of CSE & IT, NSEC	21st July 2012	Participant	NSEC & IR Society
30	Two days ISTE Workshop	Aakash for Education	IIT-Bombay at NSEC	10th& 11th November, 2012	Participant	NME-ICT, MHRD
31	**2-Weeks ISTE Workshop**	**Database Management System**	**IIT-Bombay at NSEC**	**21–31 May, 2013**	**Participant**	**NME-ICT, MHRD**
32	3-Days Train The Trainer Workshop	Mobile Application Development using Android (Campus Connect Initiatives)	NSEC & Infosys Ltd.	21-23 April, j2014	Participant	Jointly by NSEC & Infosys
33	2-Days Workshop	Funding Opportunities and Success Stories of Capturing Grants	Techno India Group (TIG) at NSEC	11-12 July, 2014	Participant	TIG
34	**2-Weeks ISTE Workshop**	**Cyber Security**	**IIT-Bombay at NSEC**	**10-20 July, 2014**	**Participant**	**NME-ICT, MHRD**
35	**2-Weeks ISTE Workshop**	**Introduction to Design of Algorithms**	**IIT-Kharagpur at NSEC**	**27thApr–30th May, 2015**	**Participant**	**NME-ICT, MHRD**
36	1-Day Workshop	iSIGCSE workshop on Computing Curriculum and Learning Outcomes CS2013	Calcutta University & Amity University	19th Jan, 2017	Participant	ACM-India

Exemplary Services and Successful Execution of Significant Responsibilities:

1. **Worked/ Working as member in**
   - **Board of Studies, CSE & IT, MAKAUT.**
   - **Academic** Committee, NSEC.
   - **Library** Committee, NSEC.
   - **NBA** Core Committee, NSEC.
   - **NAAC** Steering Committee, NSEC.
   - **Entrepreneurship** Development Cell, NSEC.
   - **Carrier** Development Cell, NSEC.
   - **TEQIP** Academic Programme Implementation Cell, NSEC.
   - **Selection Committee** for Recruitment of Faculty and TA, NSEC.
   - Central and departmental **examination** cell specially **Supervisor** for conducting Even Semester Examinations 2011 of WBUT.

2. **Development of**
   - Laboratory specifications and vendor negotiations.
   - Departmental library
   - Multimedia laboratory
   - M.Tech. (CSE) laboratory
   - Course Material (PPT) for Teaching Multimedia Technology and other subjects.

3. **Worked as Coordinator of**
   - **Curriculum development** committee for M.Tech. (CSE) at NSEC.
   - Academic Sub-committee, Dept. of CSE.
   - Technical Faculty Advisor, 3rd Year CSE.
   - Entrance examination for M. Tech (CSE) at NSEC.
   - Final year B.Tech. CSE/IT projects
   - Visiting Expert Team from NBA, AICTE, WBUT, Govt. of WB, TCS, CTS, etc.

4. **External Expert, Selection Committee**
   - School of Education Technology, Jadavpur University, Kolkata-32 for Project Staff, Scientists and Research Scholar Selection.
   - Techno India Group, Kolkata for Recruitment of Lecturer of CSE and IT.
   - Supreme Knowledge Foundation Group of Institutions, Mankundu, Hooghly, WB.

5. **External Examiner, Paper Setter and Moderator:**
   - **Jadavpur University** (Dept. of CSE) Sub: Computer Graphics and Multimedia at Part Time **M.Tech** in Computer Technology.
   - **Jadavpur University** (School of Education Technology) for Dissertations/PG Thesis of M.Tech-IT (Courseware Engineering), Master in Multimedia and PG Diploma in Multimedia and Web Technology.
   - **West Bengal Joint Entrance Board,** West Bengal, Kolkata.
   - **The Indian Institute of Welding**, Kolkata-17 for Sub: Computational Methods and Computer Programming) for Associate Membership Examination.
   - **NIELIT** (Formerly DOEACC)-'O', 'A', 'B', 'C' Level Examinations.
   - **Kalyani University**, Nadia, West Bengal for B.Tech (CSE & IT) and BCA Examination.
   - **MAKAUT (Formerly WBUT)**, for B.Tech (CSE & IT), BCA, MCA, and M.Tech (CSE) Exam.
   - **Seacom** Engineering College, Howrah, WB for B.Tech (CSE & IT) Examinations.
   - **Supreme** Knowledge Foundation Group of Institutions, Mankundu, Hooghly, WB.
   - **Sidho Kanho Birsha University**, Purulia, West Bengal.

6. **Reviewer and Editorial Board Member**
   - Reviewer, British Journal of Education Technology (Int. Journal of Wiley).
   - Reviewer, Security and Communication Networks (Int. Journal of Wiley).
   - Reviewer, International Journal of Information System Modeling and Design (IGI-Global).
   - Reviewer, International Journal of Advanced Engineering & Applications (IJAEA).
   - Reviewer, Encyclopedia of Organizational Knowledge, Administration, and Technologies (IGI-Global).
   - Reviewer, Comprehensive Research Journal of Management and Business Studies (CRJ Pub).
   - Reviewer, Book '*Principles of Multimedia*' by R. Parekh Published by Tata McGraw Hill 2009.

- Reviewer, International Conference on Foundations and Frontiers in Communication, Computer and Electrical Engineering (C2E2) 2015 held on 9th-10[th]Jan, 2015.
- International Journal of Emerging Technology and Computer Science-**Editorial Advisory Board** Member.
- Glacier Journal for Scientific Research - **Editorial Advisory Board** Member.
- Reviewer, Asia-Pacific Financial Markets (Springer)
- Member, Advisory Committee, 2020 IEEE International Conference for Convergence in Engineering, 5-6 September | Science City Kolkata, India, https://www.icce2020.in/.
- Reviewer, 2020 IEEE International Conference for Convergence in Engineering, 5-6 September | Science City Kolkata, India.
- **Editorial Review Board**, International Journal of Game-Based Learning (IJGBL) Applied, IGI-Global.

7. **Session Chair:**
- Technical Session 1.5 (CSE), 3[rd]Int. Conf. on "Foundations & Frontiers in Computer, Communications and Electrical Engineering (C2E2-2016)", Organized jointly by Supreme Knowledge Foundation Group of Institutions (SKFGI) and IEEE AP-MTT Joint Chapter, Kolkata Section in Association with CSIR-CEERI, Pilani, on 15-16 January, 2016 at Mankundu, Hooghly, WB, INDIA.
- Technical Session 1.4 (CSE), 2[nd]Int. Conf. on "Foundations & Frontiers in Computer, Communications and Electrical Engineering (C2E2-2015)", Organized jointly by Supreme Knowledge Foundation Group of Institutions (SKFGI) and IEEE AP-MTT Joint Chapter, Kolkata Section in Association with CSIR-CEERI, Pilani, on 9th-10th January, 2015 at Mankundu, Hooghly, WB, INDIA.

8. **Member of Professional Societies:**
- International Association of Engineering and Management Education (www.iaeme.com).
- American Association for Science and Technology (www.aascit.org/common/login).
- Quarterly Franklin Membership (Membership ID#EB86816) of London Journal of Research in Computer Science and Technology (LJRCST).
- Member, Institute of Scholar, Bengaluru, India.
- VDGOOD Professional Association, Chennai, India.
- Open Data Science Community ODSC Kolkata.

DETAILED PERSONAL INFORMATION:

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Date: 27th March, 2020.   Sd/-
Place: Kolkata.   **Atanu Das**
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