Dulal Acharjee
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Dulal Acharjee, at present, is the Director of a business company by name 'Applied Computer Technology', Kolkata, West Bengal,(www.actsoft.org) which is a private ownership company owned by his family member.

He has experiences of teaching and managing in educational institutes and also working experiences in Software training and development organizations.

Before, he worked as a Faculty member in department of CSE & IT of Purushottam Institute of Engineering and Technology, Rourkela, Odisha. He was also VP(Vice President, Technical) in that college where he worked about 15 years. He was also member of disciplinary committee of this college. He worked as visiting Faculty in Maulana Abul Kalam Azad University of Technology(MAKAUT, a State Govt. University), Kolkata, West Bengal. He also worked in University of Technology and Management(UTM) in the CSE department at Shilong, Meghalaya.

His highest educational qualification is: M.Tech in Information Technology from Tezpur University(a Central University), Assam, India. Before he achieved B.Sc(Hons.) and M.Sc. both in Applied Physics and Electronics. He also did short courses of RDBMS from BUET, faculty training from Jadavpur University.

He has 40 numbers of research publications, 15 in international journals, 3 book chapters, 2 edited books and others in different Proceedings of National/International Conferences. He has written about 30 popular essays on general topics of Science/computer and social issues. He has delivered 18 invited talks in different international conferences.

He is editorial board member of international journal of 'Microsystem Technologies' of Springer-Nature publications, a Science Citation Index(SCI) indexed journal which is a high quality journal. He is Lead Guest Editor of about 12 numbers of special Issues of this Journal. He has edited avout 12 Books published from Springer-nature publisher and authored 3 books.

He is the founder and main executive (Chief coordinator) of many of international conferences like: CCSN, Micro and ESDA. Now, he is the Executive Chairman of Organizing Committee of three international conferences conducted by his company and these are as:

Micro2026: (13th international conference on Microelectronics, Circuits and Systems),
Website: https://actsoft.org/micro2026

CCSN2026: 15th international conference on Computing, Communication and Sensor Networks.
Website: https://actsoft.org/ccsn2026

ESDA2026: 9th international conference on Energy Systems, Drives and Automations.
Website: https://actsoft.org/esda2026

He is President of "Indian Association of Science, Technology and Management", Kolkata. Yet, this association is not registered but we are planning to take a rented commercial space for this association. Website: www.iastm.in

Short certificate courses completed:

Course	Institute	Year
UGC sponsored 21 days full time course on "Broadband wireless communication"	In Jadavpur University, Kolkata.	2009
Infosys Faculty Enablement Program for 15 days in 2008.	Infosys Technologies Ltd. Bhubaneswar, Odisha.	2008
Soft Computing, Artificial Intelligence	Silicon Inst. of Technology, Bhubaneswar, Odisha.	2003
Oracle, Dev2000	RPK Software Pvt. Ltd, Kolkata	1998
C++,VB, ORACLE DEV-2000	DATAPRO Infoworld Ltd., Kolkata	1994-1998
DBMS with programming	Bangladesh University of Engineering & Technology, Dhaka	1990

Personal:

Aadhar No: 370209342477
Voter ID: SYY1700582
Passport No: V7279719
PAN: AMFPA7303P
Date of Birth: 26/08/1960

Educational Qualification:

M.Tech in Information Technology, in 2007, Tezpur University, Assam, India.
M.Sc. in Applied Physics & Electronics, 1983
B.Sc.(Hons), in Applied Physics & Electronics,1982
HSC in Science, 1979,
HSC in Science, 1976,

Editor/Guest Editor:

I have worked as the Guest Editor/Lead Guest Editor/Coordinator of Publications of different Conferences of conferences like: Micro, CCSN and ESDA which have been published in "Journal of Microsystem Technologies, Springer-Nature, SCI indexed as Special Issues:

1. I am member of editorial Board of SCI indexed Journal: "Microsystem Technologies", Springer, Impact Factor = 1.74:
   Website: https://www.springer.com/journal/542

2. Chief Editor of a Journal of Arts and Culture 'Pather Chithi'/Road Guide in Bengali and English languages. Website: https://actsoft.org/patherchithi.html

Publications of Dulal Acharjee till 2020.
Journal Papers:

1. Jerzy Ryszard Szymanski, Marta Zurek-Mortka, Dulal Acharjee, "Unidirectional Voltage Converter for Battery Electric Vehicle Ultrafast Charger", Microsystem Technologies, Springer, DOI: 10.1007/s00542-020-05038-7, September 2020.
2. Jerzy Ryszard Szymanski; Marta Zurek-Mortka; Sulabh Sachan; Dulal Acharjee, "Simulation Research of Low-Voltage Modules of Rectifier in 3kV Railway Substation", ieeeXprolore.org, **DOI:** 10.1109/STPEC49749.2020.9297803
3. Dulal Acharjee, S P Maity, Amitava Mukherjee, "Hidden Markov model a tool for recognition of human contexts using sensors of smart mobile phone", *Journal of Microsystem Technologies, Vol 23, Issue 3, Springer-Verlog . ISSN 0946-7076,* DOI 10.1007/s00542-016-2973-5, June 2016.
4. Dulal Acharjee, Amitava Mukherjee, J.K.Mandal and Nandini Mukherjee, "Activity Recognition System Using Inbuilt Sensors of Smart Mobile Phone and Minimizing Feature Vectors", *Journal of Microsystem Technologies, Vol 22, issue 11, Springer-Verlog Pub. ISSN 0946-7076, Microsyst Technol DOI 10.1007/s00542-015-2551-2, May 2016.*
5. J Mallick, PP Mahapatra and Dulal Acharjee, "Back Propagation Neural Network for Recognition of Dynamic Objects", *International Journal of Computer Applications in Engineering Sciences, Vol-III, Issue-IV, pgs-141-147,ISSN: 2231-4946, 2013.*
6. Dulal Acharjee, Amitava Mukherjee and Nandini Mukherjee, 'Computing Aspects of Monitoring Walking Disorder using Body Sensor Network and Neural Network', *IEEE 2nd International Conference on PDGC2012, 6-8th Dec., www.ieeeXplore.ieee.org, DOI: 978-1-4673-2925-5/12, 2012 IEEE.*
7. Dulal Acharjee, P D Mohanty and Dr.SJayanthu, "Optimization of Routing Delay for Pervasive Sensor Network Using Fuzzy Logic", *International Journal of Computer Engineering and Computer Application(IJCECA), ISSN:0974-4983, Vol 7, issue-02, Scientific Engineering Research Corporation, http://serc.org.in, 2011.*

8. P Mohapatra, P D Mohanty, Dulal Acharjee and P Patel, "Design Issues of a Real Time Wireless unique Time Display Machine", *International Journal of Computer Engineering and Computer Application(IJCECA), ISSN:0974-4983, Vol 7, issue-02, Scientific Engineering Research Corporation, http://serc.org.in,2011*.

9. Dulal Acharjee, "Enhancing Social Security through Network of Intelligent Human Nodes Trained by Computer Algorithm", *International Journal of Computer Applications, special edition of CCSN2011, pgs.41-44, http://www.ijcaonline.com*

10. Dulal Acharjee and P Patel, "Multipath Routing Of Sensor Network For finding Metallic Crack Using Fuzzy Logic", *International Journal of Intelligence System and Technology(IJIST) vol-4, no-2, and International Journal of Computer Systems Science and Engineering 4:2 2009, and Proceedings of ICCNS-08, Bangkok, Thailand, WASET,VOL-30, ISSN 2070-3740, 2008, pp-324-331.*

Book Chapters:

1. Dulal Acharjee, Jerzy Szymanski, "Computing Processes of Recurrent Neural Network at Different Layers", Proceedings of ESDA2019, LNEE, Springer, Pgs: 129-138, ISSN 1876-1100, ISSN 1876 1119(electronic), ISBN 978-981-15-5088-1, ISBN 978-981-15-5089-8(eBook). https://doi.org/10.1007/978-981-15-5089-8, year: 2020.

2. Dulal Acharjee, "Popularizing IT Education and Research through Flexible Admission System", published in The 3rd CSI National Conference on Education & Research, March 6-7, 2010, JIET, MP, India, Pgs-84-91, MACMILLAN publisher India Ltd.

3. Dulal Acharjee and N Sharma, "An alternate failure tolerant model for multipath routing of sensor network", NCTAC, 2007, Tezpur University, Assam, India, by Narosa Publishing House, pp.236-238.

Conference papers:

1. Dulal Acharjee, Santi P Maity, Amitava Mukherjee and Nandini Mukherjee, Recognition of human contexts using HMM and Smart Mobile Phone, 2nd international conference on Microelectronics, circuits and systems, Mico2015, 11-12th July 2015, Kolkata, pgs.149-155, ISBN:81-85824-46-0.

2. Dulal Acharjee, JajatiMallick, Dr.Amitava Mukherjee,"Synchronization Issues of Recognition of Activities Using 3D Accelerometers", proceeding book of 1st International Conference on 'Microelectronics, Circuits and Systems, Micro-2014,ISBN-81-85824-46-0 pgs. 154-160.

3. Dulal Acharjee, Amitava Mukherjee and Nandini Mukherjee, "Managing Concurrent Events of TinyOS Using nesC", Proceeding book of 2nd international conference, .CCSN2013,ISBN-81-85824-46-0, pgs. 252-253.

4. Dulal Acharjee, "Recognition of Activities using Automata of Human Organs and Hybrid learning Rules of ANFIS", Proceeding of International Conference of 'Computing, Communication and Sensor Network', CCSN2012, 22-23Nov.2012, ISBN-81-85824-46-0, pgs.20-27.

5. Dulal Acharjee, Dr.SJayanthu, Sensors for Understanding ground behaviour in mining engineering, proceedings book of All India Conference on 'Computing, Communication and Sensor Network', CCSN-2012, Vol-3, issue-1, pgs.48-55.

6. Dulal Acharjee, Amitava Mukherjee and Nandini Mukherjee, 'Activity Recognition System using Feature Server', All india Seminar on 'Global e-healthcare and Present trends', organized by Institution of Electronics and Telecommunication Engineers, IETE Kolkata Chapter, 8-9th Sept. 2012, proceeding book, pgs.42-50.

7. Dulal Acharjee, 'Computing Aspects of Monitoring Motion Disorder using Body Sensors', proceeding book of All India Seminar on 'Advances of Sensors in Medical Sciences and Engineering', organized by Institution of Engineers India, Rourkela Chapter, NIT Campus, 25th Aug. 2012, pgs. 1-8.

8. Dulal Acharjee, "Monitoring health of large iron structure using wireless sensor network", Proceeding book of All India Seminar on "Advances of Sensor and it's Networking", Jointly organized by Purushottam Inst. Of Engg. & Technology, Institution of Engineers India, Rourkela Chapter, CSI, Rourkela chapter, NIT campus, Rourkela, Odisha, 24th July, 2013.

9. Dulal Acharjee and Dr.SJayanthu, "Transforming an Analog Sensor to Wireless Intelligent Sensor Node", Proceeding book of National Conference on 'Computing, comm. and Sensor Network', CCSN2011, 29-30 Oct.2011,jointly organized by PIET, Institution of Engineers India, Rourkela Chapter, pgs-34-38.

10. Shubhajit Panda and Dulal Acharjee, "Considering Comparison of Sorting Algorithm Through Machine Factor",Proceeding of National Conference on 'Computing, communications and Sensor Network',CCSN2011,29-30thOct.2011,pgs. 181-184.

11. Dulal Acharjee and Dr. S Jayanthu, "Urgent Need of Instrumentation For Strata Behaviour Monitoring In Underground And Opencast Mines", CCSN-2010, Proceeding of All India Seminar on Computing, communication and Sensor Network, 30-31st Oct, 2010, pgs-76-82.

12. PrabirSaha, Arindam Banerjee, Dulal Acherjee,"An Efficient Hardware implementation of Complex Multiplier using Vedic Mathematics", CCSN-2010, Proceeding of All India Seminar on Computing, communication and Sensor Network, 30-31st Oct, 2010, pgs-109-113.

13. Dulal Acharjee and N Sharma, "Slope based Shortest Path Routing For Wireless Sensor Network". IIT-Guwahati, Proceedings Of 15th International Conference on Advanced Computing & Communications, ADCOM-2007, pp.85-91.

Other Reports/essays:Popular Writings (about 25 essays).

1. 'Encoding Decoding of databases', In Science Tabloid, Science page ,The Telegraph, Kolkata, 1996.
2. In 'Computer Gagat' published from Dhaka, 08 essays, popular topics on computer, 1990-1994.
3. In 'Monthly Magazine' of a American NGO, topic-'Voyager-II', Dhaka.
4. In 'Apanjan', 'Science and evolution', in Bengali language, Haldia, India.
5. In yearly Magazine 'Smaranika' of GagannathHall(Dhaka University) Kolkata Alumani Association, Kolkata.
6. Many others… in both Bengali and English languages.

** Many more popular writings scattered in different Magazines are not listed here.

Signature



(Dulal Acharjee)
Date: 28.3.2021

Some Books edited by myself:



Some photos where Dulal Acharjee is on Dais of inaugural programs:



CCSN2017: at Hotel the Lalit (5 star), Kolkata. Dulal Acharjee at right most position.



ESDA2019: at Hotel the Celesta, VIP road, Kolkata. Dulal Acharjee is handovering Vidyasagar award to Prof. C K Chanda.



Micro2017: at Hotel Pine resort at Darjeeling, WB,



Micro2019: at Amity University, Kolkata. Dulal Acharjee at middle.



CCSN2018: at Biswa Bangla Convention Center, New Town, Kolkata