

**Personal Details:**

Name : Dr. Anjan Das  
Date of birth : 07-01-1972  
Address for Communication : Department of Computer Science,  
St. Anthony's College, Shillong-793001, Meghalaya.  
Permanent Address : C/O Ratan Das, Bhairabnagar, Tezpur-784001,  
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**Educational Qualification:**

Exam	Institution	Year	Percentage
H S L C	Tezpur Bengali Boys' H S School, Tezpur, Assam	1987	73.6
H S	Darrang College, Tezpur, Assam	1989	54.7
B.Sc(Stat)	Darrang College, Tezpur, Assam	1993	64
MCA	Tezpur University, Tezpur, Assam	1997	7.88(CGPA)
Ph.D (Computer Science)	Dept of Computer Science, Tezpur University, Tezpur, Assam	2007	

**Ph.D Topic: A Study on Association Rule Mining Algorithms in Data Mining**

**Work experience:**

Teaching : 21 years(UG), 14 years(PG).  
Research : 14 years

**Journal Publications:**

1. A Das, D K Bhattacharyya . *Rule Mining for Dynamic Databases*. Australian Journal for Information Science, pp 19-39, ISSN: 1449-8618, August, 2005.
2. Gypsy Nandi and A Das. *A Survey of Feature Selection Algorithms*. International Journal of Advance in Communication Engineering, Vol-1, June 2009, pp 43-48, ISSN 0975-6094.

3. A Das, D K Bhattacharyya, *FSC: Feature Selection using Clustering Technique*. International Journal of Electrical Systems and Control(IJSEC), pp 43-46, ISSN: 0975-3508, Volume 2, June 2010.
4. A Das, D K Bhattacharyya. A New Feature Selection Algorithm using Association Rule Mining Techniques. International Journal of Electrical Systems and Control(IJSEC), pp 55-58, ISSN: 0975-3508, Volume 3, Number -2, July- December 2011.
5. A Das. *Reducing Redundancy From Sernsor Activity Sets for Sensor Association Rule Mining*. International Journal of Network and Mobile Technology., Vol 3 No2, pp 47-50, ISSN: 2230-8903, July-December 2012, International Science Press
6. G. Nandi and A. Das, "A survey on using data mining techniques for online social network analysis", in the International Journal of Computer Science Issues (IJCSI), vol. 10, issue. 6, no. 2, pp. 162-167, November 2013, IF: 0.242, ISSN(online): 1694-0784.
7. G. Nandi and A. Das, "Online Social Network Mining: Current Trends and Research Issues", IJRET International Journal of Research in Engineering and Technology, eISSN: 2319-1163 | pISSN: 2321-7308, Volume: 03 Issue: 04, April 2014. IF: 2.375
8. G Nandi, A Das, "An Efficient link prediction in Social Networks based on node neighborhoods", International Journal of Advanced computer science and Applications, Vol 9, No 6, 2018, Pages: 257-266, ISSN: 2156-5570(Online) ISSN: 2158-107XI(print)

### **Conference/ Workshop Proceedings Publications:**

1. R K Das, A Das, D K Bhattacharyya. *Distributed k-Medoid Algorithms for Large Data Sets*. In Proceedings of The Second Workshop on Distributed Computing, pp 75-77, December, 2000, Jadavpur University, Calcutta, India.
2. A Das, D K Bhattacharyya. *Efficient Rule Mining with Modified Apriori*. In the Proceedings of 1<sup>st</sup> National Workshop on Soft Data Mining and Intelligent Systems, pp 117-119, September, 2001, Tezpur University, Tezpur, Assam, India.
3. A Das, D K Bhattacharyya. *An Efficient Algorithm for Rule Mining*. In the Proceedings of Fifth International Conference on Information Technology, December, pp 319-321, ISBN: 0-07-050273-0, Editor: S Iyer, Publisher: Tata McGraw Hill, 2002, Bhubaneswar, India.
4. A Das, D K Bhattacharyya. *Efficient Rule Mining for Dynamic Databases*. In the Proceedings of the International Conference on Information Technology, pp 25-30, Editor: J Bagga, Publisher: Nepal Engineering College, May 2003, Kathmandu, Nepal.
5. A Das, D K Bhattacharyya and J Kalita. *Horizontal Vs Vertical Partitioning in Association Rule Mining: A Comparison*. Proceedings of CINC-2003, pp103-108, North Carolina, USA.

6. A Das, D K Bhattacharyya . *Rule Mining for Dynamic Databases*. In the Proceedings of IWDC2004, pp 55-60, ISSN: 0302-9743, December 2004, Calcutta, India.
7. A Das, D K Bhattacharyya . *Feature Selection Using Frequency Count*. In the Proceedings of ADCOM2004, pp 620-624, Editor: A R Dasgupta, Publisher: Allied, ISBN: 81-7764-717-2, December 2004, Ahmedabad, India.
8. A Das, D K Bhattacharyya. *Faster Algorithms for Association Rule Mining*. In the Proceedings of ADCOM2004, pp 629-635, Editor: A R Dasgupta, Publisher: Allied, ISBN: 81-7764-717-2, December 2004, Ahmedabad, India
9. A Das, D K Bhattacharyya. *Density-based View Materialization*. LNCS, Vol: 3776/2005, ISBN: 978-3-540-30506-4, Springer-Berlin/Heidelberg, pp 589-594, December 2005.
10. A Das. *An Enhanced Data Reduction Mechanism to Gather Data for Mining Association Rules*. Proceedings of IEEE Technically Supported 2<sup>nd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2011), pp-112-115, ISBN:978-1-4244-9579-5, St. Anthony's College, Shillong, March 2011.
11. A Das. *A Novel Association Rule Mining Mechanism in Wireless Sensor Networks*. Proceedings of IEEE Technically Supported 3<sup>rd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2012), pp-274-277, ISBN:978-1-4577-0747-6, St. Anthony's College, Shillong, March 2012..
12. G Das and A Das. *Mining Association Rules in Wireless Sensor Networks: A Survey*. Proceedings of International conference on Reliability , Infocom Technologies and Optimization (ICRITO 2013), pp-376-384, ISBN: 978-93-81583-85-2, Amity University, Noida, India, Excellent Publishing House, New Delhi, January 2013. Editors: Prof. B. Shukla and Prof. S. K. Khatri.
13. A Das and G Das. *Distributed Extraction and A Novel Association Rule Mining Mechanism for WSN: An Empirical Analysis*. Proceedings of 1<sup>st</sup> International Conference on Emerging Trends and Applications in Computer Science, pp 252-255, ISBN: 978-1-4673-5249-9, St. Anthony's College, Shillong, 13-14 September 2013.
14. A Das and G Das. *3-Borders Algorithm for Association Rule Mining in Wireless Sensor Networks*. Proceedings of NCACT-2014, pp 1-5, ISBN: 978-93-83459-07-0, VIT University, Chennai, 21<sup>st</sup> February 2014.
15. G Nandi, A Das. *Efficient Prediction of Links in online Social Networks*. In the Proceedings of Intl. Conference on Computing and Communication Systems, Vol 2, pp 47-50, ISBN: 978-1-4799-5857-01, NEHU, Shillong, India. March 9-10, 2015.
16. G Das, A Das. *Data Correlation Based Energy Aware Energy Efficient Dynamic Clustering in WSN(EAEEDC)*. In the Proceedings of Intl. Conference on Computing and Communication Systems, Vol 2, pp 149-156, ISBN: 978-1-4799-5857-01, NEHU, Shillong, India. March 9-10, 2015.

17. G Nandi and A Das. *Efficient Spread of Influence in Online Social Networks*. Computational Intelligence in Data Mining, Vol 2, Springer, 2015, pp 293-300. ISSN: 978-81-322-2208-8

**Project:**

**Funded By : UGC**

**Year: 2012**

**Amount: Rs. 151000**

**Title: A Study on using Association Rule Mining in WSN.**

**REF NO: F. 5-312/2011-12/MRP/NREO/10899 dated 5<sup>th</sup> Dec 2011.**

**Articles:**

Probidita Roychoudhry and A Das. *E-Waste: E for Eradicate*. Spectrum 2009, pp 88-94, St. Anthony's College, Shillong, 2009.

**Workshop/Seminar Organised**

Served as Organising Chair of the *North-East School on Computational Geometry*. Jointly organised by St. Anthony's College, Shillong and ACMU, ISI, Kolkata. 1 – 3 November, 2007.

**Seminar/Workshop Attended**

1. *Second Workshop on Distributed Computing*. Jadavpur University, Calcutta, 28 - 30 December, 2000.
2. *1st National Workshop on Soft Data Mining & Intelligent Systems*. Tezpur University, Tezpur, 13-15 September, 2001
3. *National Workshop on Mobile Computing*. Tezpur University, Tezpur, 11-12 January, 2001.
4. *School on Recent Trends in Intelligent Computing Techniques*. NEHU. Shillong, 11-15 March, 2002
5. *Fifth International Conference on Information Technology*. Orissa Information Technology Society(OITS), Bhubaneswar, 21-22 December, 2002.
6. *Autumn School on Pattern Recognition and Data Mining with Application to Web and Biological Data*. NEHU, Shillong, 23-27 September, 2003

7. *National Seminar on Intellectual Property Rights*. St. Anthony's College, Shillong, 6-8 October, 2004.
8. *12<sup>th</sup> International Conference on Advanced Computing and Communications*. Ahmedabad, 15-18 December, 2004.
9. *National Workshop on Trends in Advanced Computing*. Tezpur University, Tezpur, 23-24 January, 2006.
10. *National Conference on Trends in Advanced Computing*. Tezpur University, Tezpur, 22 - 23 March, 2007.
11. *Workshop on High Performance Computing*. NEHU, Shillong, 3-6 March, 2009.
12. *Workshop on Embedded Systems*, St. Anthony's College, Shillong, 12-13 November, 2010.
13. NCETACS-2011, St. Anthony's College, Shillong, March 2011.
14. NCETACS-2012, St. Anthony's College, Shillong, March 2012.
15. Workshop on "Reconceptualization of Education and Reconstruction of Pedagogy for 21<sup>st</sup> Century". St. Anthony's College, Shillong, 16<sup>th</sup> February 2013.
16. Workshop on BOSS(Bharat Operation System Solutions). St. Anthony's College, Shillong, 23<sup>rd</sup> October 2009.
17. Workshop on Research Methodology, St. Anthony's College, Shillong, 4-13 March 2013.
18. A session on Team Building, Siloam, Umiam, 23<sup>rd</sup> March 2013.
19. Workshop on "Training in Research Techniques and Applications", St. Anthony's College, Shillong, 20-21 March 2013.
20. "Addressing Core issues in Teaching". Organised by Department of Value Education, St. Anthony's College, Shillong. 17<sup>th</sup> June 2020
21. "Online International Conference on Advances in Physical, Mathematical and Computational Sciences". Organised by Aloysius College, Jabalpur, India. 12-13 June 2020
22. Webinar on "Data Science: Social Media Analytics". Organised by BPB. 6<sup>th</sup> July 2020.
23. FDP on "Artificial Intelligence on Drug Development", 10-14<sup>th</sup> August 2021. Organised by Roland Institute of Pharmaceutical Science, Brahmapur, India.

#### **Refresher/Orientation Course Attended**

1. Refresher Course in "*Fundamental Concepts of Information Technology*". Tezpur University, Tezpur, 23<sup>rd</sup> December 2001 - 12<sup>th</sup> January 2002.
2. "*64<sup>th</sup> Orientation Programme*". Jamia Millia Islamia, New Delhi, 8<sup>th</sup> July - 5<sup>th</sup> August, 2003.
3. Refresher course in "*Wireless Adhoc and Sensor Networks*". Jadavpur University, Kolkata, 4<sup>th</sup> January - 23<sup>rd</sup> January, 2010.
4. Refresher course in "*Computer Sciences*". University of Mumbai, Mumbai, 28<sup>th</sup> January - 17<sup>th</sup> February, 2010.

### **Members of**

1. Board of Under Graduate Studies (BUGS), NEHU, Shillong.
2. Board of Professional Studies (BPS), NEHU, Shillong

### **Reviewer of**

1. 1st National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2010), St. Anthony's College, Shillong, May 2010.
2. 2<sup>nd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2011), Shillong, St. Anthony's College, Shillong, March 2011.
3. 3<sup>rd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2012), Shillong, St. Anthony's College, Shillong, March 2012.
4. 1st International Conference on Emerging Trends and Applications in Computer Science(ICETACS-2014), Shillong, St. Anthony's College, Shillong, September 2013.

### **Chaired for**

1. 1st National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2010), St. Anthony's College, Shillong, May 2010.
2. 2<sup>nd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2011), St. Anthony's College, Shillong, March 2011.
3. 3<sup>rd</sup> National Conference on Emerging Trends and Applications in Computer Science(NCETACS-2012), St. Anthony's College, Shillong, March 2012
4. 1st International Conference on Emerging Trends and Applications in Computer Science(ICETACS-2013), St. Anthony's College, Shillong, September 2013.

### **Other Posts**

Director of MCA, St. Anthony's College, 01.04.2008-till date.