

Curriculum Vitae



Dr SK SAMIM FERDOWS

Dr Sk Samim Ferdows teaches Mathematics and Statistics at the M.U.C Women's College, Purba Bardhaman, West Bengal. He is a **Doctorate from University of Burdwan**. He has written on issues related to Statistical Analysis, Environmental Impact, Regional Development, Knowledge Management, and Industrialisation.

His works have been published in Various Journals like **INTERNATIONAL JOURNAL OF COMPUTER SCIENCES AND ENGINEERING**, **International Research Journal of Modernization in Engineering Technology and Science**, **ZENITH International Journal**, **International Journal of Multidisciplinary Research**, **Journal of Knowledge Management**, **Economics and Information Technology**, **Research Vistas**, **CLEAR International Journal of Research in Engineering and Technology**, **NJMRA**, **The IASMS Journal**, **Rabindra Bharati University Journal of Economics**, **The Alternative Journal of Management Science and Research**, **BIT Mesra etc.** as also in various edited volumes. He has one book to his credit.

Current Status:

Working as a State Aided College Teacher (SACT-I) in the Department of Mathematics at M.U.C. Women's College (A Constituent College under the University of Burdwan).

Career Objectives:

Seeking a position to work in an environment that nurtures technical ability, hard work, dedication and the capacity to learn and to utilize the Skills & Objectives in an Organization that offers professional growth.

Personal Information: Highly motivated with Strong Interpersonal & communication skills, ability to be a team player, goal oriented and dynamic with positive attitude, proactive behavior.

EDUCATION

- ***Awarded PhD on “Environmental Cost of Industrialization in West Bengal: A Study in Durgapur Region”, on Oct. 2012, from University of Burdwan [Guide: Dr. Rajarshi Majumder].***
- ***M.Sc in Statistics***, 2000, from University of Burdwan [1st Class (Marks obtained 62.9%)].
- ***One-year Diploma Course in Computer from TULEC at Burdwan.***
- ***B.Sc (Honours) in Statistics***, 1998, From University of Kalyani [2nd Class].
- ***Higher Secondary***, 1993, First Division, From Bhandarhati B.M Institution., under WBCHSE board (Marks obtained 72.9%).
- ***Madhyamik***, 1991, First Division, under WBBME board (Marks obtained 76.4%).

Areas of Teaching: *Statistics, Econometrics, Quantitative Methods, Research methodology and Operation Research.*

Areas of Research Interest: *Industrialisation, Statistics, Environmental Impact.*

Publications:

- ***Research Publications in Journals: 23***
- ***Books Published: 03***
- ***Conference Proceedings : 13***

Books:

1. ***“Fundamentals of Quantitative Methods” – Dr. Sk Samim Ferdows*** . Published by *Binoy Prakashani Publishers [ISBN- 81-903768-0-10], Burdwan, West Bengal. November.2012.*

2. **“Basics of Statistics.”** – **Dr. Sk Samim Ferdows** and S.S.Ferdows. Published by LAP LAMBERT Academic Publishing, [ISBN- 978-620-2-79669-9] Sept. 2020.
3. **“AIR POLLUTION IN DURGAPUR – AN OVERVIEW”** - S.S.Ferdows, **Dr. Sk Samim Ferdows** and S W Firdaus Published by Scholars’ Press, [ISBN- 978-613-8-94270-2] Oct. 2020.

Research Papers/Articles:

UGC REFEREED JOURNALS:

1. Sarkar A, Dey J, Bhowmik A , **Ferdows S.S** (2019). **“A Dynamic Key Generation Scheme based on Metaheuristic Cuckoo Search”**, International Journal of Computer Sciences and Engineering, Vol.07, Issue.01, pp.184-187, 2019. ISSN 2347-2693, **Impact Factor Value 3.022, UGC Journal No. 63193**, Indexed by: Emerging Sources Citation Index (in process), Indian Citation Index, ROAD: the Directory of Open Access scholarly Resources, Research Gate, A UGC Recognized Journal, Google Scholar, Academia Database, DPI Digital Library

INTERNATIONAL JOURNALS [REFERRED & PEER REVIEWED]:

2. **Ferdows S.S** , Dey J, Nag A, Ferdows S.S, Karforma S: **Mathematical Mat Score Prediction & Post-Mat Academic Performance Analysis on Management Students** , JMSCM, August 2020, Vol. 1, No. 4, ISSN 2688-8300 (Print) ISSN 2644-3368 (Online).
3. **Ferdows S.S**, Ferdows S.S, Firdaus S.W, Joydeep Dey, Sunil Karforma (2020), **IMPACT OF AGE & EDUCATION ON THE MOTIVATION LEVEL& SATISFACTION LEVEL AMONG EMPLOYEES IN THE EDUCATION SECTOR OF DURGAPUR**, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 04 Issue: 09 | Sept - 2020, pp: 1-6, ISSN: 2582-3930 doi.org/10.15864/jmscm.1410.
4. Dey J., Mondal S., Karforma S., Sarkar A., Bhowmik A., **Ferdows S. S.** (2020), **New Normal Onset in Post-COVID Telemedicine Software Testing**, International Research Journal of Modernization in Engineering Technology and

Science, Volume:02(07) July, 2020: pp 409 – 416, e-ISSN: 2582-5208.

5. Dey J., **Ferdows, S. S.** (2020), ***An Online Social Awareness Spread to Combat Recent Outbreak of Coronavirus***, International Journal of Scientific Research in Multidisciplinary Studies, Vol.6, Issue.5, pp.09-14, May (2020), E-ISSN: 2454-9312 , P-ISSN: 2454-6143.
6. **Ferdows S S.** Aditya A. Lok Sabha Elections 2009 – A New Beginning: Using the Multiple Regression Model for Determining Possible Influence Of Factors Influencing The Results. Published in Research Vistas, A Double Blind Referred Peer Reviewed Research Journal, May-June, 2012, Vol.1. Issue III (ISSN 2277-310X).
7. **Ferdows S S.** A Case Analysis of Telecom Industry of China and India with Focus on Cellular Subscriber base. published in CLEAR International Journal of Research in Engineering and Technology, A Double Blind Referred Peer Reviewed Research Journal, Sep-Nov 2011, Vol-01: No- 01(ISSN-2277-2154).
8. **Ferdows S S,** Das S. Knowledge Management and Human Resource Management. Published in "The International Journal of Information Technology and Knowledge Management", A Double Blind Referred Peer Reviewed Research Journal, July-Dec. 2010, Vol. III, and No. II, pp-715-717, (ISSN- 0973-4414).
9. **Ferdows S S,** Das S. The Image of Brand: A Case Study on Mother Diary. *published in ZENITH International Journal of Business Economics and Management Research, A Double Blind Referred Peer Reviewed Research Journal, Vol.2 Issue 10, October 2012, ISSN 2249-8826, Publisher: Zenith International Research & Academic Foundation.*
10. **Ferdows S S,** Roy A. A study on the international diversification in the emerging equity market and its effect on the Indian capital market. *published in International Journal of Contemporary Business Studies, A Double Blind Referred Peer Reviewed Research Journal, July-Dec., 2012, Vol: 3, No: 4. April, (ISSN 2156-7506).*

- **Research Paper Published [REFERRED & PEER REVIEWED]::**

1. **Ferdows S S.** *Environmental Impact due to industrialization: A case analysis.* published in International Journal of Multidisciplinary Research, A Double Blind Referred Peer Reviewed Research Journal, Vol.2 Issue 10, October 2012, ISSN 2231 5780, Publisher: Zenith International Research & Academic Foundation.
2. **Ferdows S S.** Whether WTP Is Affected By Some Other Factors? A Case Study On Durgapur. *published in Journal of Knowledge Management, Economics and Information Technology, A Double Blind Referred Peer Reviewed Research Journal, June, 2012, Vol: 2, No: 3, (ISSN 20695934) Publisher: Scientific Papers Country: Romania.*
3. **Ferdows S S.** Industrialization in West Bengal: A Comparative Study Of Burdwan Region and West Bengal. published in The IASMS journal of Business Spectrum, A Double Blind Referred Peer Reviewed Research Journal, July-Dec. 2010, Vol. III, and No. II. (ISSN 0974-8016).
4. **Ferdows S S,** Majumder R: Environmental Costs of Industrialization: A Study of Durgapur Region in West Bengal published in Rabindra Bharati University Journal of Economics March, 2010, Vol-IV,P-45,ISSN-975-802X.

• **Article Published in NATIONAL JOURNALS [REFERRED & PEER REVIEWED]:**

1. **Ferdows S S.** A Study on the Performance of SBI: a Statistical Analysis. published in Journal of Management Edge, A Double Blind Referred Peer Reviewed Research Journal, July-Dec., 2012, Vol.5.No. II (ISSN 0976-0431, RNI No. DELENG/2007/25437).
2. **Ferdows S S.** Performance of Small Scale Industries in West Bengal: A Study. Published in NJMRA, A Double Blind Referred Peer Reviewed Research Journal, June-2010, Vol. II, No. I, pp-91-97 (ISSN-0975-2501).
3. **Ferdows S S.** The Present Industrial scenario and Management policies in West Bengal. published in Bhavishya- Journal of Future Business School, A Double Blind Referred Peer Reviewed Research Journal, April-2010 Vol. III, No. I, pp-9-22 (ISSN-0973-8274).
4. **Ferdows S S.** A Study on the Impact of New Private Sector Banks on Public sector banks. Published in The Alternative Journal of Management Science and Research, BIT Mesra, A Double Blind

- Referred Peer Reviewed Research Journal, April-Sept. 2009, Vol. VII, No.2, pp-70-84 (ISSN-0973-0451).
5. **Ferdows S S.**, Majumder S. Soft ware Quality Assurance. published in "The MID Journal of Computer Science and Business Administration", A Double Blind Referred Peer Reviewed Journal, Dec. 2008, Vol. I No. II, pp-10-16 (ISSN-0974-3332).
 6. **Ferdows S S.** Industrial growth of SSI in India: An emerging issue. Published in Journal of IPM Meerut, A Double Blind Referred Peer Reviewed Journal, Jan.- June 2008, Vol. IX, No.1, pp-10-15, (ISSN 0976 - 0873).
 7. **Ferdows S S.** Growth of SSI in Burdwan: An Emerging issue. Published in JIS-Management Vista, A Double Blind Referred Peer Reviewed Journal, July-Dec. 2007, Vol.-1, No.1, pp-46-54 (ISSN-0974-0872).
 8. **Ferdows S S.** The Social crisis in India: An emerging issue. Published in Journal of IPM Meerut, A Double Blind Referred Peer Reviewed Journal, July-Dec. 2007, Vol. VIII, No.2, pp-38-45, (ISSN 0976 - 0873).
 9. Barman K.C., Dey J., **Ferdows S.S.** (2018), *Participatory E-Governance in Local Self Government: A Study on Rural India*, In the proceedings of National Level Seminar entitled “ Restructuring Indian Federation: The Recent Experience”, Department of Political Science, The University of Gour Banga, Malda Mar. 2018, pp. 34.

SCIENCE CONGRESS (GOVT. OF WEST BENGAL):

1. Sarkar A., Dey J., **Ferdows S. S.**, Bhowmik A., Karforma S. (2019), *Chaotic Artificial Bee Colony Guided Transmission of E-prescriptions through Neural Computing*, 4th Regional Science & Technology & Congress(Western Region), The University of Burdwan, pp 157.
2. Sarkar A., Bhowmik A., Dey J., **Ferdows S S.** (2018), *Ciphered Object Oriented Approach towards Mathematical Problem Solving in Online Transactions*, In the proceedings of 3rd Regional Science & Technology Congress(SR), 2018, Bidhan Nagar College, Salt Lake, pp. 161.
3. **Ferdows S.S.**, J. Dey, K.C. Barman (2018), *Balance between Life & Work among the Teachers: A Case Study in West Bengal*, In the proceedings of 3rd Regional Science & Technology Congress(SR), 2018, Bidhan Nagar College, Salt Lake, pp. 305.
4. **Ferdows S. S.**, Dey J. (2017), *Industrialization: An assessment study in Durgapur region*, In the proceedings of 2nd Regional Science & Technology Congress (WR), 2017, Burdwan University, pp. 286.

Research Work :

- **PhD First Seminar** presentation has also been given on 29th Oct. 2009 at **University of Burdwan**.
- **PhD Final Seminar** presentation has also been given on 14th July 2011 at University of Burdwan.
- **PhD Awarded on 18th Oct. 2012** at University of Burdwan.

TRAINING PROGRAMS ATTENDED:

- **One month Faculty Development Programme at Hyderabad** Organized by ICFAI University (H .Q).
- Two days Faculty Development Program At Hyderabad Organized by ICFAI University (H .Q).
- **One Month (28 Days) 66th Orientation Programme** organized by Academic Staff College, Burdwan (UGC sponsored).
- **21 Days Refreshers Course Organized by Academic Staff College**, Burdwan (UGC sponsored).

SEMINAR/ CONFERENCE PARTICIPATED:

1. Webminar on “Engineering Tomorrow: New fields, Newer prospects’ Round Table”, organized by ABP Education on 13.06.2020.
2. Webinar entitled ‘E-Content Creation and Delivery’ organised by Internal Quality Assurance Cell of Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur, Purba Bardhaman, West Bengal, India on Thursday, June 18, 2020.
3. Webinar entitled ‘Best Practices for Teaching Online’ organised by Surendranath College for Women, Kolkata on Thursday, July 04, 2020.
4. **Statistical Day Celebration** organized by Bureau of Applied Economics & Statistics, District Office at Zila Parishad, Purba Bardhaman, on 29th June, 2018.
5. National Level Faculty Development Programme (FDP) on **“LaTeX & Python”**, jointly organized by Department of Computer Science, M.U.C. Women’s College and Spoken Tutorial, I.I.T. Bombay at M.U.C. Women’s College on 3rd Feb.2017.

6. State Level Seminar on **“Community Nutrition & Health: 21st Century Perspective”**, at M.U.C. Women’s College on 04.02.2017.
7. National Seminar on **“Current Trends in Fuzzy Mathematics & its Applications”**, at M.U.C. Women’s College on 07.12.2016.
8. Participated in the **National Conference on UAMA-2007** organized by Dept. of Mathematics, M.U.C Women’s College, Burdwan University.
9. **National Seminar** organized by Business Administration Dept. (MBA) University of Burdwan. , Paper Presented “The Effect of Welfare on Physical Quality of Life (PQL) on Some Asian Countries.”
10. **Inter National Seminar on IBS-ICON-07 at Ahmedabad organized by IBS-Ahmedabad**, Paper Presented “Industrialization in West Bengal: A Comparative Study Of Burdwan Region and West Bengal”.
11. **Inter National Conference at ICFMA-2008** organized by Department of Mathematics, University of Burdwan , Paper Presented “Industrialization in West Bengal: A Comparative Study.”
12. **National Conference on UAMA-2007** organized by Dept. of Mathematics, M.U.C Women’s College, Burdwan University, and Paper Presented “A study on the impact of new Private Sector Banks on Public Sector Banks”.
13. **National (UGC sponsored) workshop-2011** organized by Chandernagore Govt.College, and Paper Presented “Whether WTP is affected by some other factors? A case study on Durgapur”.
14. **Inter National Conference ICBAMI-2012** organized by Faculty of Management Studies, Dr. B.C. Roy Engg. College, Durgapur , Paper Presented “*VALUATION OF ENVIRONMENTAL IMPACT OF NEO-INDUSTRIALISATION IN DURGAPUR.*”
16. **Department of Science and Technology (Govt. Of West Bengal) sponsored State level Seminar (2014)** organized by Hooghly Women’s College, Paper Presented “Impact of Pollution: Assessment and Awareness- A study in Durgapur Region.”
17. *Poster Presentation* at the 2nd Regional Science & Technology Congress (Western Region), 2017 [2nd RSTC (WR), 2017] held on November 16-17 at the University of Burdwan, Burdwan title of topic “Industrialisation: An assessment study in Durgapur region.”
18. *Poster Presentation* at the 3rd Regional Science & Technology Congress (Southern Region), 2018 [3rd RSTC (WR), 2018] held on December 18-19 at Bidhannagar College, Kolkata-700064

title of topic “Balance Between Life and Work among Teachers-
a Case Study in West Bengal.”

WORKSHOP/CONFERENCE ATTENDED:

- Participated in Annual Academic Conference at Puri On 22nd and 23rd Nov.2007.
- Two days Faculty Development Workshop at Hyderabad Organized by ICFAI University (H .Q).
- Two days Faculty Development Workshop at Kolkata Organized by Academic Staff College, INC-Zonal Office, Kolkata.
- Presented a Research Paper in two days Research Scholars Workshop 2009 on 29th and 30th Oct. at The Dept. of Economics, University of Burdwan.

Keynote Speaker Details:

- Presentation as a **Keynote Speaker** at **State-Level Seminar** entitled “ **Artificial Intelligence on Social Engineering, Health Care & Data Analysis** ”, organized by Kishore Kona NA Vidyalaya, Khana, Purba Bardhaman on March 02, 2020.
- Presentation as **Keynote Speaker** at **State-Level Seminar on “Nature Inspired Biological Computations (NIBC-2019)”**, organized by the Department of Computer Science, at M.U.C. Women’s College on 28th Feb,2019.

Session Chair Details:

- Chaired a Plenary Session at **State-Level Seminar** entitled “ **Artificial Intelligence on Social Engineering, Health Care & Data Analysis** ”, organized by Kishore Kona NA Vidyalaya, Khana, Purba Bardhaman on March 02, 2020.

Other Academic Performances:

1. Acted as a **CONVENER** at **National Mathematics Day (NMD-2018)**, organized by the Department of Computer Science, M.U.C. Women’s College, financially assisted by **Department of Science**

- & Technology & Biotechnology, Govt. of W.B.** at M.U.C. Women's College on 19th March, 2019.
2. Acted as Organizing Committee Member at *Online Inter-College Quiz Competition-2020*, remotely organized by the Department of Computer Science from remote locations on 15th August, 2020, *State-Level Seminar entitled "Nature Inspired Biological Computations (NIBC-2019)"*, organized by the Department of Computer Science at M.U.C. Women's College on 28th February, 2019, and *3-Day District Level Residential Science Education Camp-2020*, organized by the Department of Computer Science financially assisted by *Department of Science & Technology & Biotechnology, Govt. of W.B.* at M.U.C. Women's College on and from Jan 23- 25, 2020.
 3. Special classes taken at **B.Sc [Zoology (Hons.)] , Microbiology (H) and Computer Science(H)]** at M.U.C Women's College during different academic sessions.
 4. Service rendered in University Examination, Internal Examination System since 2010-till date.

Project Work: About two years experience in Statistical Project during M.Sc. course under University Of Burdwan. "Study the Physical Quality of Life Of 14 South Asian Countries."

Management Thesis/Project Supervision:

- Correlation Study of MAT Score, IQ and GPA of BBA Students
- Performance of Small Scale in West Bengal: A Study
- Buying motives of customers of Big Bazaar.
- *A Study on stress on Management Students*
- Work-Life Balance amongst Teachers of different Institute.
- Impact of age and education on the motivation level & satisfaction level among the employees in the education sector in Durgapur.
- *A Study on the effectiveness of innovation Banking and customer response in public sector and private sector banks.*
- Market share and marketing strategy of PepsiCo. in DURGAPUR with specific focus on sale promotion activity.
- Lok Sabha Elections 2009 – A New Beginning? : Using the multiple regression models for determining possible influence of factors influencing the results.
- A Study on the Performance of SBI: A Statistical Analysis

Work under Progress:

- **Book: Bio-Statistics [Edited Volume]**

Reviewer of the Journals:

- International Journal of Management [Centre for Promotion of Multidisciplinary Research (CPMR)] e-**ISSN:** 2277-4637, p-ISSN: 2231-5470.
- Indian Journal Of Public Health [Official Publication of Indian Public Health Association] e-ISSN: 2229-7693, p-ISSN: 0019-557X.
- Journal of Health Research and Review , **ISSN:** Print -2394-2010, Online - 2394-2029
- International Journal of Medical Research and Practice.
- American Journal of Social and Management Sciences **ISSN: 2156-1540** (Print); 2156-1559 (Online).

Role in Evaluation System:

- Acted as Examiner in for checking answer script on behalf of WBUT.
- Acted as University Station Supervisor (USS) on behalf of WBUT.
- Acted as University Station Supervisor (USS) on behalf of WBUT.

WORK EXPERIENCES:

- **Since 2001 to 2004**

Part Time Lecturer at Burdwan Raj College, University of Burdwan.

Subject Taught: **Statistics B.Sc.(Pass) Course.**

Other Academic Activities: Examiner.

Experience: 3 years

- **Part Time Lecturer at Raniganj T. D. B.college**, University of Burdwan.

Subject Taught: **Statistics B.Sc.(Hons.) Course.**

Other Academic Activities: Examiner.

Experience: 3 years

- Visiting Lecturer at Department of Business Administration, Burdwan Raj College. Subject Taught: Statistics
- Other Academic Activities: i) Examiner ii) Project Guide

Experience: 1 year

- Guest Lecturer at Population Study Unit (Adult Education), University of Burdwan.

Subject Taught: Statistics

Other Academic Activities: Examiner.

Experience: 1 year

- **Since 2004 to March, 2005**

Lecturer of Bengal College of Engg. & Tech., at Durgapur. [Affiliated to West Bengal University of Technology (WBUT)]

Subject Taught: **i) Statistics ii) Operation Research**

Other Academic Activities: i) Examiner.

Experience: 1 year

- **Since March, 2005 to April, 2009**

Faculty Member of Icfai National College

Subject Taught: **i) Statistics ii) Business Research Methods iii) Operation Research**

Other Academic Activities: i) Academic Co-ordinator ii) Examiner iii) Management Thesis Guide.

- **Since July 2010**

Working as a Part Time Teacher in the Department of Mathematics at M.U.C. Women's College (A Constituent College under the University of Burdwan) since 15th July, 2010
.Subject Taught: i) Statistics ii) Mathematics iii) Operation Research

Other Academic Activities: i) Various Academic Related Activities ii) Examiner etc.

COMPUTER KNOWLEDGE:

Microsoft -Excel, MS-Word, Power Point, MS-Window ,Internet & E-mail,

C language, **Tora, SPSS.**

REFERENCES:

- Prof. Dr.Sunil Karforma Professor and Head, Department of Computer Science, University of Burdwan, *Email:* sunilkarforma@yahoo.com M-7384456418
- Dr.Sk . Salim (Associate Prof. of Burdwan Raj College) Mobile:+91-9832783946 Email Id- sksalim.burdwanrajcollege@gmail.com
- Prof. Aditty Chatterjee (HOD of Dept. of Statistics, University of Kolkata) Email Id- ac_bustat1@yahoo.co.in
- Dr. Rajarshi Mazumder (Associate Prof. of Dept. of Eco. University of Burdwan) Mobile:+91-9434671565 Email Id- meriju@rediffmail.com
- Dr. Tanmoy Dasgupta University of Burdwan, Department of BusinessAdministration. Mobile: +91-9434113809. Email: tanmoy.dasgupta@gmail.com
- Dr.B.B Mukhopadhyay (Prof. of Burdwan Medical College,Burdwan) Mobile- 9832159528.

Contact Details:

- **Permanent Address** : Khagragar East (Matpara), P.O. Rajbati, P.S. & Dist. Burdwan , Pin- 713104, State – West Bengal.
- ***Present Address/ address for communication :***
C/O Golam Mohiuddin ,58/B Laskar Dighi Road (west),
P.O & Dist. Burdwan , Pin- 713101 State – West Bengal.
- E-mail: samimstat@gmail.com, samim_stat@yahoo.co.in,
jansamim2@rediffmail.com
- Mobile- +91- **8293643773** / 9832236808

Date: 17.10.2020

Place: Burdwan

Signature: