

Curriculum Vita

Name: MADHURA MANDAL

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Personal Information:

Date of Birth: 19-03-1984

Place of Birth: Kolkata

Civil Status: Single

Gender: Female

Father: Nripes Kumar Mandal

Occupation: Retired Professor of Statistics

Mother: Sadhana Das

Occupation: Retired Professor of Philosophy

Religion: Hinduism

Cast: General

Educational Attainment:

Institution	Name	Subject	Degree	Marks(%)	Year of passing
School	Sinthee Ramakrisna Sangha Vidyamandir (for girls)	Bengali, English, Mathematics, Physical Science, Life Science, History, Geography, Logic	Madhyamik	72.5	2001
College	Scottish Church College	Economics, Statistics, Mathematics, Philosophy, Bengali, English	Higher Secondary	71.3	2003
	Moulana Azad College	Statistics, Mathematics, Economics	B.Sc	51.2	2006
University	Visva-Bharati, Shantiniketan	Statistics	M.Sc	68.5	2008
	University of Kalyani, Nadia	Design of Experiment	Ph.D		2016

I have made a project entitled "Water Availability in West Bengal – A Prospective Study" under the supervision of Prof. Debasis Sengupta of ISI during my M Sc course in statistics in Visva Bharati.

I submitted my Ph.D thesis in Statistics in 2015 from University of Kalyani under the supervision of Prof. Premadhis Das of Kalyani University & received my Ph.D degree in 2016.

Seminar/Workshop participated

Delivered:

- i) Presented the paper entitled "On Duals of α -Resolvable Block Design" in the national seminar on "Recent Advances in Statistical Tools for Agriculture & Allied Sciences" at Bidhan Chandra Krishi Viswavidyalaya(BCKV), Kalyani on 4th March,2016
- ii) Presented a paper entitled "Generalised Semi-Regular Group Divisible Design & its properties" in the national seminar on "Probability and/ Statistics: Theory and Applications" organised by Department of Statistics, Presidency University, on 7th February, 2015

Attended:

- i) Two-Day Dissemination Workshop on Mixture Experiments: Theory & Applications organised jointly by the UPE project in the Department of Statistics, University of Calcutta and Department of Statistics, University of Kalyani at BCKV, Kalyani on 22nd December, 2009
- ii) One-day seminar on "Optimum Covariate Designs and Their Applications" organised by Department of Statistics, University of Kalyani on 28th February, 2014
- iii) One-day workshop on "Some Recent Issues in Survey Sampling" jointly organised by Department of Statistics, Presidency University, Kolkata and Indian Association for Productivity, Quality & Reliability on 9th March, 2018.

Online Webinar Attended:

I attend some online webinar in this period

- i) Webinar on "Statistics: Yesterday, Today & Tomorrow" organised by the Department of Statistics, Bethune College in collaboration with IQAC on 29th July,2020
- ii) International webinar on "Way of Present Day Human Life in the light of Vedanta: As Envisaged by Swami Vivekananda" organised by Sanskrit & IQAC, Vivekananda Mahavidyalaya, Burdwan on 6th August,2020
- iii) National level webinar on "recent advancement of Mathematics" organised by Department of Mathematics in collaboration with Internal Quality Assurance Cell, Vivekananda Mahavidyalaya, Burdwan on 10th August, 2020
- iv) National level webinar on 'An August Requiem-A cultural Millieu: A tribute to Rabindranath Tagore" organised by IQAC, Shimurali Sachinandan College of Education in collaboration with IQAC, Ideal Girls College on 23rd August,2020
- v) A special lecture entitled "Looking at the Apu Trilogy from 2020" (In Collaboration with IQAC) on the occasion of: A century of Ray: A year-long celebration of Satyajit Ray's Birth centenary,2020-2021 organised by the Department of Film Studies, The Bhawanipur Education Society College & Lumiere, the BESC Film Club on 28th August,2020
- vi) "One day Subcontinent level webinar on recent advances of Applied Mathematics" organised by Department of Mathematics, Vivekananda Mahavidyalaya on 31st August,2020

- vii) Webinar entitled “বাংলার শিক্ষা ও সংস্কৃতির একাল ও সেকাল” organised by Department of Bengali in association with SAHELI (Women’s Cell), Garhbeta College, Garhbeta, Medinipur on 5th-7th September, 2020
- viii) International webinar on “Current Status & Future Prospects of World Economy due to Pandemic Situation” organised by Department of Economics & IQAC, Vivekananda Mahavidyalaya, Burdwan on 28th September, 2020
- ix) One day national level webinar on “Values in Higher Educational Institutions” organized by Internal Quality Assurance Cell (IQAC), Mankar College, Burdwan on 20th April, 2021.

Publications:

- 1) Mandal Madhura and Das Premadhis (2018): CONFOUNDED FACTORIAL DESIGN WITH PARTIAL BALANCE AND ORTHOGONAL SUB-FACTORIAL STRUCTURE, Springer Proceedings in Mathematics and Statistics, Volume 244, pp. 111-131 Ed Asis Kumar Chattopadhyay and Gourangadev Chattopadhyay
- 2) Mandal Madhura (2021): ON MODEL ROBUSTNESS IN DISCRETE DESIGN(S) SET UP: A TEACHER’S MANUAL, IAPQR Transactions, Volume 45, No 1-2, 2020-2021, pp. 116-123
- 3) Mandal Madhura and Dutta Ganesh (2021): OPTIMALITY VIS- A-VIS ROBUSTNESS IN MIXTURE MODELS WITH HETEROSCEDASTIC ERRORS-submitted to: Communications in Statistics-Simulation and Computation

Work Experience:

Previous: Part-time lecturer at Bethune College, Kolkata from 1-8-2009 to 23-7-2019

Present: Assistant Professor at Vivekananda Mahavidyalaya, Burdwan since 24-7-2019

Computer Skills: C language, R statistical software, Microsoft Word, Excel, Latex, Minitab