

CURRICULUM VITAE

Name: MAHAMMAD YASIN KHAN
Designation: Assistant Professor(WBES), Department of Mathematics,
Kabi Jagadram Roy Govt. General Degree College,
Mejia, Bankura, Pin- 722143, W.B.
Date of Birth: May 01, 1985
Gender: Male
Marital Status: Unmarried
Nationality: Indian



Address: Vill- Ismilechak, P.O.- Deopara,
P.S. - Kotulpur, Dist.- Bankura,
West Bengal, Pin- 722141, W.B., India.

Email: khan.yasin.83@gmail.com
Mobile: +91 9051131517/7980901536 (IND)

Educational Background:

- Ph.D. Scholar in Applied Mathematics, Bankura University, Main Campus, Bankura Block-II, P.O.- Purandarpur, Dist.- Bankura, West Bengal, Pin-722155, India.
- B.Ed. (Mathematics, Physical Science), Jadavpur University, Kolkata, 2012.
- M.Sc. (Applied Mathematics), Jadavpur University, Kolkata, 2008
- B.Sc.(Hons) in Mathematics), Jadavpur University, Kolkata, 2006

Teaching Experiences:

- Assistant Professor, Department of Mathematics, Kabi Jagadram Roy Govt. General Degree College at Mejia, Bankura Pin- 722143 (Bankura University), 2nd April, 2019 – till date.
- Former Assistant Teacher, Nawabganj High School(H.S), 2018-2019, Ichhapore, 24 Prgs(N)-743144, W.B.

Research Experience:

- One year research experience on Applied Mathematics in Jadavpur University under the supervision of Prof. Santosh Biswas.

Awards and Honours:

- Qualified as Lectureship in “Centre for Science & Industrial Research (CSIR) - National Eligibility Test (NET)”, December-2015.

Research Interests:

- Mathematical Biology
- Ecological and Epidemiological Modelling
- Effect of Awareness Program in Epidemic Outbreak
- Chaos and Bifurcation Theory
- Delay Differential Equations

List of Publication in peer-reviewed Journals:

- Study of an eco-epidemiological model with predator switching
S Biswas, MY Khan, S Samanta *Journal of the Calcutta Mathematical Society* 15 (2), 85-112
- Sen, P., Samanta, S., Khan, M. Y., Mandal, S., & Tiwari, P. K. (2023). A Seasonally Forced Eco-Epidemic Model with Disease in Predator and Incubation Delay. *Journal of Biological Systems*.

Conferences and Workshops attend and present:

1. 5TH Regional Science and Technology Congress, 2022-23 Region No: 6 Bankura, Birbhum and Purulia organized by Bankura University and Department of Science and Technology and Biotechnology, Govt. of West Bengal.
2. National Conference on Mathematics: Various Aspects in Society organized by Department of Mathematics & Centre for Mathematical Biology and Ecology, Jadavpur University, Kolkata, India.

Conferences and Workshops:

1. NCMTB-2017 in Jadavpur University entitled as "Defense: An interplay between Predator and Prey in presence of parasite infection".
2. UGC-RUSA 2.0 SPONSORED ONE DAY NATIONAL SEMINAR on "Regional Cultures and Literatures: Locations and Linkages" organised by Kabi Jagadram Roy Govt. General Degree College, Mejia, Bankura, in correlation with Department of English, Jadavpur University, Kolkata on 19th February, 2020.
3. WEBINAR On "MATHEMATICS FOR EPIDEMIOLOGY" organized by Department of Applied Sciences School of Natural and Applied Sciences MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, West Bengal, India on 24th July, 2020.
4. ONE DAY NATIONAL WEBINAR ON "FOUNDATION OF ODE WITH A CASE STUDY" Jointly organized by Dept. of Mathematics & IQAC, City College 102/1, Raja Rammohan Sarani, Kolkata-700009, West Bengal, India on 24th July, 2020.
5. One Day National WEBINAR on "Recent Trends In Mathematics and Its Applications" organised by Department of Mathematics Kharagpur College, Kharagpur, Paschim Medinipur, West Bengal, India, 721305 on 29th July, 2020.
6. Awareness Programme on: "GENDER SENSITIZATION AND FUNCTIONING OF ICC" Organized by: Internal Complaints Committee & Gender Sensitization Committee on virtual platform of Kabi Jagadram Roy Government General Degree College, Mejia-722143, Bankura, West Bengal on 11th June 2021.