

Name: DR. MOHAN KUMAR BISWAS
Designation: Assistant Professor, Plant pathology (Stage –III)

Department/Institute /University: Department of Plant Pathology, Institute of Agriculture, Palli Siksha Bhavana(PSB), Visva-Bharati, Sriniketan, 731236

Email. mohankumar.biswas@visva-bharati.ac.in
mkb.psb@gmail.com

Permanent Address: “Sweety ” , Andrews Palli (West),
Santiniketan, Birbhum, West Bengal,
Pin-731235, Mob: 9434191899, Resi: 03463264215



Date of Birth: 08.06.1967 **Sex (M/F):** M **Nationality:** Indian

Education (Matriculation onwards & Professional Career)

SN		Name of the Board/University	Year of Passing	Division/ Grade	Field of Study
1	H.S.Sc.	Board of Sec.Edu.Bhopal, M.P.,India	1983	First	Biology
2	B.Sc.(Ag.)	I.G.K.V, Raipur, Chhattishgarh, 492012, India	1989	First	Agriculture
3	M.Sc.(Ag.)	I.G.K.V, Raipur, Chhattishgarh, 492012, India	1991	First	Pl. Pathology
4	Ph.D.(Ag.)	B.C.K.V., Mohanpur, West Bengal-741252, India	1998	-	Pl. Pathology
5	MBA(HRM)	IGNOU, Maidan Garhi, New Delhi, 110068, India	2010	Second	HRM
6	NET	ICAR	2007	-	Plant Pathology

Position and Employment

SN	Institution	Position	Year	From	To
1	Visva-Bharati, Santiniketan, W.B.	Assistant Professor-III	20	Sept, 2004	Onward
4	Andrew Yule & Co. Ltd. (A Govt. of India Ent. Yule House, Kolkata-1	Assistant Manager –(E2)	9	Sep, 1995	Oct., 2004

Area of Specialization: Fungal Pathology, Mushroom science, Plant Disease Epidemiology, Plant Virology and Plant Nematology

Experience:

Professional Experience:

- i). **More than 20 years of experience in Teaching, Research and Extension** working as an Assistant Professor (Plant Pathology) stage-III in the Department of Plant Pathology, Institute of Agriculture, PSB, Visva-Bharati, Sriniketan, W.B
- ii) **Nine years of Administrative experience**, worked as an executive in Andrew Yule & Co. Ltd. (A Government of India Enterprise) Tea Division, Kolkata -700001

Other Experience relating to research field:

Active participation in **Aerial Trapping Project for insect vector** conducted by **NRI, U.K.** and Department of Plant Pathology, BCKV, Nadia, W.B.

Supervision of Research/ Thesis guided:

Completed : M.Sc (Ag.) – 23, MBA -1, Ph.D -16

Continuing : M.Sc. (Ag.)-02, Ph.D -04

Training Course /Winter School attended/Refresher Course

- 1). ICAR Training programme on “**Mushroom Production Technology for Entrepreneurs**” from NRCM, Solan, H.P., India,-9 days
- 2). ICAR sponsored Advanced Training Course on “ **Crop Disease Management: Needs and outlook for Transgenics, Microbial Antagonist and Botanicals**’ from GBPU&T, Pantnagar,UK- 21days.
3. ICAR Training Course on “**Detection of Plant pathogenic Bacteria: Symptomatology to Advanced Techniques**” from Division of Plant Pathology IARI, Pusa, New Delhi, 100011- 21 days
4. UGC sponsored 9th **RC Agricultural Sciences** Organized by ASC-BHU, Baranasi -21 days.
5. UGC sponsored 4th **Refresher Course in Life Science** from ASC- Burdwan University-21 days.
6. Training on“**Plant Nematology**’ from AAREM & Deptt. of Nematology,CCS Haryana-13days.
7. UGC sponsored 2nd **Refresher Course in Biological Science** from HRDC, Burdwan University-21 days
8. **National Workshop on “Research Methodology Using Statistical Tools, Techniques and Packages (SPSS & R)”**. Organised by Department of Agricultural Economics and Agricultural Statistics (ES), PSB,Institute of Agriculture),Visva-Bharati, Sriniketan, W.B., India, -10 days

Extension Activities:

1. Acted as a resource person for **All India Radio** and **Doordarshan Santiniketan**, broadcasted lectures/talk on various of aspects of Agriculture and Plant protection i.e. **Mushroom cultivation,Nematode diseases of crops ,pests and diseases of crops, Pest control, IPM, Micro-nutrients problems etc.** on a regular basis
2. Acted as a Resource person and provided technical knowledge and training to the farmers/ women SHG/ ADA at different blocks ie. **Nanoor, Mayureswar, Burdwan, Rampurhat, Suri** etc.
3. Associated with farmers training and act as a resource person in various training/ workshop organised by **KVK’S, NABARD, ALLAHABAD BANK, COCONUT BOARD, and other voluntary organizations** etc..
4. Active participation and act as a resource person / guest in **different training/workshop programme relating to Intellectual Property Right (IPR) including patent, copyright, trademark, GI, plant varieties and MSME** .Organised by MSME incubation centre and IPR cell of Visva-Bharati

Honors/Awards

1. State Scholarship for Higher Secondary education during the year 1980 to 1983
2. Research Fellowship at Dept. of Plant Pathology, IGKV, Raipur, for research during 1992-1993
3. University Research Scholarship at BCKV, Mohanpur, Nadia,W,B, during Ph.D. from 1993-1995
4. Award and trophy from NCMRT, Solan ,H.P. for best performance in training on Mushroom, 1996
5. Received “**Scroll of honour**” from IPS, New Delhi during 2009 and 2012
- 6 Received **Best poster award** in First International conference organized by IJBR&SM, February,2013
7. Received **Best paper award and Gold medal** in , ICOAF-2014, **Colombo, Srilanka**
8. Received **BHARAT VIKASH AWARD** for contribution in the field of Agriculture from Institute of Self Reliance, Bhubeneshwar, Odisha, during 2018.
9. Fellow of **Indian Phytopathological Society (FIPS), IARI, New Delhi, 2018**
10. Received **Best paper award** in international conference (ICAFLS-19) , Kolkata organised by ISER.
- 11.Received **SARC Excellent Paper Award** (June-2019) from SOUTH ASEAN RESEARCH CENTER , Bhubaneswar, 751030, Odisha, India, on 30.06.2019.
- 12.Received **BEST SCIENTIST Award (6th September -2020)** in 8th Academic Achievement Award -20 from EET CRS Research Wing for Excellence in Professional Education & Industry, Educationexpotv, Mumbai, India.
13. **Received Best Teacher Award 2020** in recognition of valuable contribution to the Academic Community and Students from Institute of Scholars (InSc),Bangalore ,India.

International Exposure/ partnership/collaborative research:

Visited UNESCO, Paris, France; Colombo, Srilanka; Dhaka, Bangladesh; Berlin, Germany and Bangkok, Thailand and presented research paper in different International conference.

Research project /El undertaken/ongoing :

Company sponsored Project -6 , Vice Chancellors discretion grant project-1, ICAR, grant for student READY programme (EL)-1

Publications:

Google Scholar citation 828, h-index- 16 i10-index- 29

- A. Research papers, reviews in Peer-reviewed Journal (National and International)- 126**
- B. Chapter in books: (National and International) - 15**
- C. Research paper in Peer-reviewed conference proceedings: -06**
- D. Abstracts in reputed journals- 09 E. Abstract in Conference/ Symposia/Seminar book : International Conference -21, National- 72**
- F. Book Chapter-13 G. Edited Book -01 H. Book- 02 I. Laboratory Manual- 06**
- J. Technical Manual-10 K. Extension bulletin- 102 L. Popular Article- 03**

Patent:

- 1. “Nanotechnology Based Farm Analysing Device” Patent No. ewy/No : 132344, Agricultural Sciences , Published Filed 2022-06-15, Published on 2023-03-31.**
- 2. “IOT Based Solar Powered Agriculture Robot” Patent No. 116087, Agricultural Sciences , Published Filed 2022-05-11 and Published on 2022-07-21**
- 3. “PLANT VACCINATING DEVICE” Patent No. 158625, Agricultural Sciences, Published Filed 14/08/2023 and Published on 29/02/2024**

Seminar /Conference/ symposium organised :

- 1) Organized and act as an Organizing Secretary in National symposium on “Plant Microbe Interactions and Crop Health Management ”& Twenty-fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone)-2012, during 6-7 October’ 2012**
- 2) Organized and act as a Joint Convenor in the International Seminar on “Livelihood Promotion,Bio-Diversity Conservation and Social Security in Indian Sundarbans ” from Department of Plant Pathology at Jharkhali,Basanti,South 24 Parganas from December,7-9 ,2018**
- 3) Organized and act as a Joint Convenor in the International Seminar on “Ecological and Environmental Sustainability : Way Forward for Livelihood Security ” from Department of Plant Pathology at Jharkhali,Basanti,South 24 Parganas from September,25-26,2019**
- 4) International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan from 02-03 February, 2023.**
- 5) Organized and act as a Joint Convenor in National Webinar on “Intellectual Property Rights (IPR) in Business Incubation & Technology Development” organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan on 24th June, 2022.**

Seminar /Conference/ symposium attended: International conference- **21** ; National Seminar/workshop -**78**

Training Programme organised :

1. **Acted as a Co-ordinator and resource person** in awareness cum training programme on “**Oyster Mushroom Cultivation**” from February 16 – 17, 2022, **under ICAR (SCSP), New-Delhi** and imparted training to the village level farmers/ workers (40 farmers of SC/ST communities).
2. **Acted as a Co-ordinator and resource person** in awareness cum training programme on “**Milky Mushroom Cultivation**” from February 22 – 23, 2022, **under ICAR (SCSP), New-Delhi** and imparted training to the village level farmers/ workers (40 farmers of SC/ST communities).
3. **Acted as a Co-ordinator and resource person** in awareness cum training programme on “**Spawn Preparation of Oyster Mushroom**” from February 28 – 4th March’ 2022, **under ICAR (SCSP), New-Delhi** . Imparted to the village level farmers/ workers (20 farmers of SC/ST communities).
4. **Acted as a Co-ordinator and resource person** in awareness cum Training programme on “**Identification of crop diseases and their managements** ” from **March 22 – 25, 2022, under ICAR (SCSP), New-Delhi** . Imparted training and awareness to village level farmers/ workers (60 farmers of SC/ST communities) on various aspects of fungal and nematode diseases of crops..
5. **Acted as a Co-ordinator and resource person** in Awareness cum Training Programme on “**Identification of Plant Diseases and Their Management**” from 19.03.2024 – 22.03.2024 **Funded by ICAR (SCSP), New-Delhi**. Imparted training and awareness to village level farmers/ workers (60 farmers of SC/ST communities)
6. **Acted as a Co-ordinator and resource person** in. Training Programme on “**Spawn Preparation of Mushroom**” from 26.03.2024 – 29.03.2024. **Funded by ICAR (SCSP), New-Delhi**. Imparted training and awareness to village level farmers/ workers (60 farmers of SC/ST communities)

Editor/reviewer :

Act as a **reviewer** of the Indian journal of Phytopathology , IARI,New Delhi,India. Act as an editorial member of the *International Journal of Economic Plants*, ISSN: 2349- 4727. Journal of Mycology and Plant Pathology etc.

Membership of the National Society/Journal:

Permanent life member of Indian Phytopathological Society, Indian Society of Mycology and Plant Pathology, Society for Pl. Protection and Environ., Association for Advancement in Plant Protection



P lace: Sriniketan, Visva-Bharati,W.B.

Date :22.03. 2025

Dr. M.K. Biswas