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|  | **Title** | **First Name** | **Last Name** | **Photograph** | |
| **Name** | Dr. | Chandrani | Choudhuri |  | |
| **Designation** | Assistant professor | | |
| **Educational Qualification** | M.Sc. Ph.D., B.Ed.  Studies on the resistance of Niger [*Guizotica abyssinica* (L.f) Cass.] against *Alternaria alternata* causing leaf blight and control of the disease using botanicals and antagonists. | | |
| **Date of Joining** | 07.07.2012 | | |
| **Department** | BOTANY | | |
| **Address** | | | |
| Local | H-3, Block 4, Basera Apartment, Purba Saradapally; P.O Kadamtala, Dist. Darjeeling, Pin: 734011. | | |
| Permanent | H-3, Block 4, Basera Apartment, Purba Saradapally; P.O Kadamtala, Dist. Darjeeling, Pin: 734011. | | |
| **Phone Numbers** | | | | PAN |  |
| Office |  | | | Cell Phone |  |
| **Email** | Chandrani2013.bolla@gmail.com | | | | |
| **Fax** |  | | | | |
| **Teaching Experiences**  **(Present & Previous)** | 11years continuing, at UG level | | | | |
| **Research Interests** | * Detection of plant disease through immunological techniques. * Biological control through botanical formulations, * Determination of antifungal properties of different plants against fungal phytopathogens. * Study of bioactivity of plant product. * Crop improvement through nano technology. * Study of Sacred groove. * Ethnobotany and study of medicinal plant. | | | | |
| **Research Guidance**  **(PhD)** | Guiding 2 Ph.D scholar | | | | |
| **Research Guidance**  **(Master’s Theses)** |  | | | | |
| **Awards** | Got best oral presentation award in the International conference on Advances in Plants, Microbes and Agricultural Sciences (APMAS)-2023.  Title of the paper: ‘Assessment of antifungal activity of Nickel chitosan nanoconjugate against Fusarium rots of wheat’. | | | | |
| **Professional Achievement** | * Acted as moderator and paper setter of Botany Honours and general papers theoretical examinations of University of North Bengal. * Conducted Honours and General UG Practical Examinations in Botany as Internal and External Examiner. * Evaluated theoretical papers of Botany Honours and General from * Acted as paper evaluator of ENVS Theory papers.   . Acted as an expert Judge in The District Conference for National Children’s Science Congress -2019 and 2020.   * Acted as a visiting Examiner for ISC Biology Exam(Paper 2) 2020, * Acted as a Co-Chairperson in the proceedings of the scientific sessions IV: Nanotechnology and its application in plant sciences ; Intellectual property rights, bioethics, and biosafety rights. In International Conference APMAS- 2023. | | | | |
| **ADMINISTRATIVE RESPONSIBILITIES** | * Member of women’s cell, NBSXC from 2015-2016 * Member of Cultural committee, NBSXC from 2017-2018 * NAAC Core committee members, NBSXC from 2018- 2019 * Coordinator of NAAC Committee, NBSXC (2018-2019) * Members of Internal quality Assurance Cell (IQAC) from 2019-2021, continuing * Convener of Nature Club (July 2015- June 2021, (continuing) NBSXC * Head of the Department, Department of Botany, NBSXC (July 2019- June 2021 continuing ,) * Member of discipline and anti-ragging committee, NBSXC, 2020-2021, | | | | |
|  | | | | | |
| **ICSSR Research Methodology Course Lectures** | Nil | | | | |
| **UGC Refresher Course Lectures** | **Nil** | | | | |
| **SELECT PUBLICATIONS** | | | | | |
| ***Some Major Research Articles In Journals*** | * **2015,** Saha Aniruddha, Choudhuri Chandrani and Saha Dipanwita. Influence of culture media and environmental factors on mycelial growth and sporulation of *Alternaria alternate* (Fr.) Keissler causing leaf blight disease of niger [*Guizotica abyssinica* (L.f) Cass.]. NBU Journal of Plant Sciences.9 (1): 87-93. * **2017**, Gupta Saran Kumar, Islam Najnin, Choudhuri Chandrani and Mandal Palash. Elicitation of therapeutic potential and oxidative stress assessment of Fenugreek sprout under UV radiation. International journal of Pharmacy and Pharmaceutical Science. 9(5): 91-99. * **2022**,Assessment of antifungal activity of nano-chitosan against mung bean seed borne pathogen Aspergillus flavus through solid matrix priming   Sujoy Kumar Sen, Rashmi Tripathi, Palash Mandal, Chandrani Choudhuri.  South African Journal of Botany 150: 372-386.   * **2022**,Application of nickel chitosan nanoconjugate as an antifungal agent for combating *Fusarium* rot of wheat   Divya Chouhan, Ankita Dutta, Anoop Kumar, Palash Mandal, & Chandrani Choudhuri.  Scientific Reports.12:14518.   * **2023,** Ethnomedicinal study on plant resources from sacred groves of Dakshin Dinajpur district, West Bengal, India   Kushankur Sarkar, Priyankar Roy, Subhasis Panda, **Chandrani Choudhuri** and Monoranjan Chowdhury.  Ethnobotany Research and Applications. 25:32   * **2023,**Iron-Manganese nanocomposites doped graphene quantum dots as growth promoter of wheat its biomimetic activity.   Md Salman Haydar, Salim Ali, Palash Mandal, Debadrita Roy,Mahendra NathRoy , Sourav Kundu,Sudipta Kundu,**Chandrani Choudhuri.**  Biologia, Published online: 06 July 2023.  Link : https://link.springer.com/journal/11756  <https://doi.org/10.1007/s11756-023-01455->x   * **2023,** Fe-Mn nanocomposites doped graphene quantum dots alleviate salt stress of *Triticum aestivum* through osmolyte accumulation and antioxidant defence.   Md Salman Haydar, Salim Ali, Palash Mandal, Debadrita Roy, Mahendra Nath Roy,Sourav Kundu,  Sudipta Kundu, & **Chandrani Choudhuri.**  Scientific Reports. (2023)13:11040.  Link : https://doi.org/10.1038/s41598-023-38268-6  www.nature.com/scientificreports | | | | |
| ***Select Chapter’s in Edited Volume*** | Book Name: **Microbial Symbionts and Plant Health: Trends and application for changing climate .**Title of the contributing chapter: ***Plant-Microbe Interaction and their role in mitigation of Heat Stress***, pp 127-147. Publishing house : **Springer**  **ISSN**2523-8442 **ISSN**2523-8450(electronic)  **Rhizosphere Biology**  **ISBN**978-981-99-0029-9 **ISBN**978-981-99-0030-5(eBook)  https://doi.org/10.1007/978-981-99-0030-5 | | | | |
| **Book Monograph/ Edited Book** | **BOOKS AUTHORED**  **BOOKS EDITED**  **RESEARCH MONOGRAPHS**  **2016:** Pictorial monograph entitled “Plants to medicine: collection of ethnobotanical resources” compiled by Sourish Das Gupta and Chandrani Choudhuri, Department of Botany, North Bengal St. Xavier’s College. | | | | |
| **Project** |  | | | | |
| **Book Reviews** |  | | | | |
| **PAPER PRESENTED IN SEMINARS/ CONFERENCES** | 1. Choudhuri C, Saha D and Saha A.(2008) Screening of resistant varieties of niger (*Guizotica abyssinica*) against *Alternaria alternata* by serological techniques; presented orally in National Symposium on ‘Diversity and Functionality of plants and Microbes’; held during January 24-25, 2008 at Department of Botany, University of North Bengal, Siliguri and Abstracted in ‘Indian Phytopathology’ (P.55) vol.59(3):2008. 2. Choudhuri C, Isha M and Saha A. (2006) Leaf blight of Niger caused by *Alternaria porri* and its control by botanicals; Poster presented on ‘National Symposium on Emerging Plant diseases, their Diagnosis and Management’; held during January 31-February 2, 2006 at Department of Botany (UGC-SAP), University of North Bengal. 3. Presented paper in the International conference on Advances in Plants, Microbes and Agricultural Sciences (APMAS)-2023.   Title of the paper: ‘Assessment of antifungal activity of Nickel chitosan nanoconjugate against Fusarium rots of wheat’. | | | | |
|  | 1. **Select International Seminars/Conferences**   Got best oral presentation award in the International conference on Advances in Plants, Microbes and Agricultural Sciences (APMAS)-2023.  Title of the paper : ‘Assessment of antifungal activity of Nickel chitosan nanoconjugate against Fusarium rot of wheat’.   1. **Select National/Regional/State Level Seminars and Conferences** 2. Choudhuri C, Saha D and Saha A.(2008) Screening of resistant varieties of niger (*Guizotica abyssinica*) against *Alternaria alternata* by serological techniques; presented orally in National Symposium on ‘Diversity and Functionality of plants and Microbes’; held during January 24-25, 2008 at Department of Botany, University of North Bengal, Siliguri and Abstracted in ‘Indian Phytopathology’ (P.55) vol.59(3):2008. 3. Choudhuri C, Isha M and Saha A. (2006) Leaf blight of Niger caused by *Alternaria porri* and its control by botanicals; Poster presented on ‘National Symposium on Emerging Plant diseases, their Diagnosis and Management’; held during January 31-February 2, 2006 at Department of Botany (UGC-SAP), University of North Bengal. | | | | |
| **RESOURCE PERSONSHIP / KEYNOTE ADDRESS IN SEMINARS/ WORKSHOPS** | Nil | | | | |
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| **Invited Lectures**  **(UGC and University Invitations)** | Nil | | | | |
| **UGC REFRESHER COURSES ATTENDED** | | | | | |
|  | * Participated in the UGC sponsored 36th Orientation Programme organized by UGC – HRDC Academic Staff College, University of North Bengal, West Bengal, India, From 15th November 2018 to 12th December 2018. * Participated in the UGC sponsored Refresher Course organized by UGC – HRDC Academic Staff College, University of North Bengal, West Bengal, India, on New Frontiers of Advancement in Natural and Biological Sciences (Botany, Zoology, Bio-Technology, Microbiology, Environmental Science,Geology, Bio-Chemistry and Any Other Allied Subjects) from September 10, 2021 to September 23, 2021. | | | | |
| **MEMBERSHIP OF PROFESSIONAL AND ACADEMIC BODIES** | | | | | |
| **Life Member of** INDIAN PHYTOPATHOLOGICAL SOCIETY  Regn. No. : S399 of 1949-50 (Societies Registration Act XXI of 1860)  Membership ID: IPS/LM/2023/2396 | | | | | |