

## DR. HUDA AFREEN



**Designation:** Assistant Professor, Dr. D.Y. Patil Biotechnology & Bioinformatics Institute, Dr. D.Y. Patil Vidyapeeth, Pune

**Email ID :** huda.afreen@dpu.edu.in

**Phone Number :** 020-67919444

### EDUCATIONAL QUALIFICATIONS:

- Ph.D. in Plant Biotechnology, 2014.
- M.Sc. Biotechnology, Amity University, 2006.
- B.Sc. CBZ, CCSU, 2004.
- B.Ed. in Science and English, 2015.
- CTET 2015.

### EMPLOYMENT EXPERIENCE:

- Assistant Professor in Dept. of Biotechnology M.M.College, Modinagar, CCSU,(2014-2017).
- Assistant Professor in Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune since 2017

**FIELD OF SPECIALIZATION:** Plant/Agriculture Biotechnology, Environmental Biotechnology, Cell biology.

### FUNDED RESEARCH PROJECT IN HAND:

Biosynthesis and Characterization of Silver Nanoparticles using plant extract of *Tagetes patula* (Marigold) and *Lantana camara* (Big sage) and its anti-larval activity against Mosquitoes.

## **RESEARCH PAPERS**

- Eco friendly cropping of medicinally important plant *Withania somnifera* by using VAM nodulation. Vivechan, International journal of Research Vol.6 (Jan-June 2015), ISSN No- 6976-8311
- Bacteriocin Activity as Secondary Metabolites and analysis of its Molecular Weight. Advances in Biotechnological research in Agri-Horticultural crops for sustaining productivity quality improvement and food security. (Sept. 2011) ISBN: 978-93-81361-35-5
- Comparative study of Phosphatase Enzyme produced by Plant, Animal and bacterial cell. International research Journal of Natural and Applied Sciences Vol. 1 issue 7 (Dec. 2014) ISSN: 2349:4077
- Domestication Indrayan for sustainable use. Indian Horticulture (Sept. 2007) ISSN: 0019-4875
- Evaluation of antimicrobial properties of Indian spices and commonly found weeds for development of new antibiotics. Current Horticulture 1(2) (July-Dec. 2013) ISSN: 2347-7377
- Effect of Mycorrhiza Fungi on selected hormone derived tissue cultured plantlet of *Eclipta alba*. Global IPR system and WTO Issues (GIPRS-2013). ISBN: 818880538
- Importance of Carbohydrates for sportsperson. PEFI (2017). ISBN: 978-93-860-29-9
- Food packaging- Its impact on Environment and health and proposed solution. Frontier and Challenges in Pharmaceutical & Environmental Chemistry, University of Delhi. (Mar. 2013)
- Antimicrobial and Antioxidant properties present in *Eclipta alba*- A finding for the formation of new drugs. Trends in Biosciences. (Mar. 2013)
- Effect of Drought, salinity and VAM fungi on medicinally important plant *Eclipta alba*. Current Environmental challenges and possible solutions. University of Delhi. (Feb. 2013)

## **PARTICIPATION IN SCIENTIFIC ACTIVITIES:**

### **FDPs/ Workshop**

- FDP conducted by AICTE Training and Learning (ATAL) Academy on "Waste Technology" at Manipal University Jaipur, from 2/11/2020 to 6/11/2020.

- FDP conducted by AICTE Training and Learning (ATAL) Academy on "Leadership & Excellence" at Indian Institute of Technology Hyderabad, from 7/9/2020 to 11/9/2020
- Workshop on Academics Management training conducted by DPU on 10/07/2019
- Workshop on E-Content Development & Staff Research Work training conducted by DPU on 07/06/2019.
- Workshop on Training on Smart Board enabled teaching conducted by D Y Patil Vidhyapeeth, UCPEFD & SDC on 07/01/2019.
- Workshop on "Biodiversity Act,2000 under UNDP" organized by Symbiosis Law School, Pune, Jan 2019.
- Workshop on "The Indian programme of the UNESCO Chair in Bioethics (Haifa)" in Dec. 2018.
- Workshop on Swayam, Moocs & Moodle conducted by D Y Patil Vidhyapeeth, UCPEFD & SDC on 20/01/2018.
- Co-chairperson in National seminar in 2016.
- Workshop/ Training on How to Access online Resources using DELNET & UGCN-LIST Programmes, April 2015.
- Faculty Development Programme on Industrial Biotechnology, Jan 2015.

#### **Oral Presentations (National/International)**

- Presentation in International Conference on Three Phase Partition Extraction of Groundnut oil. (Sept. 2016)
- Presentation on Advances in Biotechnological research in Agri-Horticultural crops for sustaining productivity quality improvement and food security.

#### **Poster Presented (National/International)**

- Presented Poster in International Conference on Global Initiatives in Applied Sciences and Green Technologies. Sept. 2016
- Best poster award by INSA & German Academy of Science Leopoldina in joint bilateral seminar on Antimicrobial Drug Resistance and the development of new antibiotics. Nov 2007
- Presented Poster in National Symposium on Advances in Biotechnological research in Agri-Horticultural crops for sustaining productivity quality improvement and food security.
- Presented poster in National Conference on Energy, Environment and Biotechnology Research (NCEER- 2013)

### **Participation in National/International Seminars**

- Participated in National Seminar on New Dimensions of Women Empowerment. Jan 2020
- Participated in National Seminar on National Integration and Empowerment through Physical Education & sports. Feb 2017
- Participated in International Conference on Global IPR system and WTO issues (GIPRS-2013)
- Participated in International Conference on “Recent trends in Interdisciplinary sciences: opportunities and challenges”. (Mar. 2014)
- Participated in National Seminar on “Role of CSTUP in Promotion of Science & Technology and Facilitation of IPR Protection”. Mar. 2015.
- Participated in National Seminar on “Current Environmental Challenges and possible solutions”. Feb. 2013.
- Participated in National Seminar on Relevance of traditional areas of biological study in Modern context (Oct. 2012)
- Participated in symposium on current Challenges of Bioinformatics in Biotechnology at TERI April 2013.