

Department of Biochemistry

University of Delhi South Campus

Quarterly Report (August to October 2022)

Major Achievements (For Academic Departments):

1. Honors and distinctions

- a. **Prof. Debi P. Sarkar** - Invited as an Expert to attend FASSI Committee Meeting at FDA Bhawan, New Delhi on 3rd August 2022.
- b. **Prof. Debi P. Sarkar** - Invited as an External Expert to attend Board of Studies meeting at Dept of Molecular and Human Genetics, BHU, Varanasi on 5th August, 2022.
- c. **Dr. Garima Khare** - Delivered invited talk at the 4th BioGroup-India Meeting held at IISER Thiruvananthapuram, 19-20th August 2022
- d. **Prof. Debi P. Sarkar** - Invited as Special Guest by the Principal, Sri Venkateshwara College DU to attend the Valedictory Sacramental of Diamond Jubilee celebration of the college on 28th August 2022.
- e. **Prof. Debi P. Sarkar** - Invited as an External Subject Expert by the VC, Jamia Millia Islamia, New Delhi to select faculty members for the Department of Biotechnology on 2nd September 2022
- f. **Prof. Debi P. Sarkar** - Invited as an external subject expert by VC, GGSIPU, Dwarka for conducting selection committee for appointment of faculty in the School of Biotechnology on 10th September, 2022.
- g. **Prof. Debi P. Sarkar** - Invited as a Chairman of the Progress Review Committee of various scientific staff working in projects by the Director, IBSD, DBT, Imphal on 12th September 2022.
- h. **Prof. Debi P. Sarkar** - Invited by the Head, Dept of Biochemistry, Central University of Manipur, Imphal to deliver a popular inspiring talk to the students and faculty members on 13th September 2022.
- i. **Prof. Debi P. Sarkar** - Invited as a subject expert member by VC, Viswa Bharati, Shanti Niketan to conduct screening committee for the appointment of faculty members in the Dept of Biotechnology, 22-27th September 2022.
- j. **Prof. Debi P. Sarkar** - Appointed as an Expert of "Research Degree Committee" of Guru Nanak Dev University, Amritsar by the Vice Chancellor from 01/07/2022 to 30/06/2024.
- k. **Prof. Debi P. Sarkar** - Elected as a Member of Academic Council, DU wef 23/09/2022 to 14/01/2023
- l. **Prof. Debi P. Sarkar** - Invited as an Expert Member by VC, BHU for the selection meeting of Mahamana Post-Doctoral Fellowship (Biotechnology) of BHU on 30th September 2022.
- m. **Prof. Debi P. Sarkar** - Invited to present Inaugural lecture in BIOSPARK 2022 by the Principal, Deshbandhu College, DU in the Department of Biochemistry on 11th October, 2022.

2. Books/ Patents/ Technology Transfer/ Industrial Collaboration

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3. Seminars/ Conferences/ Workshops Organized

Seminar

- Department in collaboration with FIAS, UDSC organized a seminar entitled, “Extracellular vesicles associated miRNAs in action: Mechanism of packaging, transport and delivery” by Prof. Suvendra Nath Bhattacharyya, Senior Principal Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata on 28th September 2022 (Online).

Workshop

- Organized online Training Programme on “Advanced training course on TB research in BSL3 and protocols”, 26th October to 1st November 2021 by Biosafety Level III Facility, Department of Biochemistry, UDSC.
- Conducted an online "Training course on BSL3 practices and advanced TB research protocols" from 20th - 26th September, 2022

Targets (For Academic Departments: Academic activities and Research)

Publications

Aggarwal, D.D., Mishra, P., Singh, M. (2022). An analysis of direct and indirect effects in *Drosophila melanogaster* undergoing a few cycles of experimental evolution for stress-related traits. *Comp Biochem Physiol B Biochem Mol Biol* 12; 263: 110795. Doi: 10.1016/j.cbpb.2022.110795. (Elsevier)

Dasauni, P., Singh, N., Chhabra, V., Mahapatra, M., Saxena, R., and **Kundu, S.** (2022). Optimization and Identification of Single mutation in Hemoglobin Variants with 2,2,2 trifluoroethanol modified digestion method and nano-LC coupled MALDI MS/MS. *Molecules*. 27, 6357.

Court/Executive Council meetings

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Planning of Convocation/ Honoris Causa Degrees etc.

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Any Pending Issues

Faculty recruitment

Non-teaching recruitment

Full time Veterinarian for Animal House

Any other important activity (For Academic Departments): 1. International collaborations including students exchange, 2. Extension and outreach activities and any other significant achievements/activity

Extension and outreach activities

A motivational talk (Dream to achieve) and interaction for the school students of SPV School, Lodhi Road, New Delhi delivered by Prof. Alo Nag on 18th August 2022.