

**Department of Biochemistry**  
**University of Delhi South Campus**  
**Quarterly Report (May to July 2022)**

**Major Achievements (For Academic Departments):**

**1. Honors and distinctions**

- a. **Prof. Debi P. Sarkar** - Invited by NRDC to serve as NRDC Database of Experts of various disciplines of Science & Technology for the evaluation of MHI, GoI Innovations and Projects as on 19<sup>th</sup> July 2022
- b. **Prof. Debi P. Sarkar** – Invited as Chairperson of a selection committee meeting of Sri Venkateshwara College, CAS promotion of Asst Professor to Associate Professor on 19<sup>th</sup> July 2022
- c. **Prof. Debi P. Sarkar** - Appointed as an external member of IBSC by the VC, Central University of Gujarat, Gandhi Nagar w.e.f. 15<sup>th</sup> July 2022 for three years
- d. **Prof. Debi P. Sarkar** – Invited as Nominated member of the Academic and Administrative Audit Committee of Pondicherry University from 22<sup>nd</sup> June 2022 by the Vice-Chancellor of Pondicherry University.
- e. **Prof. Debi P. Sarkar** – Invited as an Expert for screening committee meeting for CAS 18 promotion of faculty members of Sri Venkateshwara college, 17<sup>th</sup> June 2022.
- f. **Prof. Debi P. Sarkar** - Invited by the Director, DRDO, RAC, Timarpur, Delhi to attend a selection committee for various Scientists post on 15<sup>th</sup> June, 2022.
- g. **Prof. Debi P. Sarkar** - Invited as a subject expert by the Director, NIPER Mohali, to conduct selection of Assistant Professors of Pharmaceutical Biotechnology from 13<sup>th</sup> June to 14<sup>th</sup> June 2022.
- h. **Prof. Alo Nag** - Invited as Chief Guest in the valedictory function of Four Week Summer Training Program 2022 on “Green Fabrication of Silver Nanoparticles and its Antibacterial Efficacy”, June 09 – July 08, 2022, Shivaji College, University of Delhi.
- i. **Prof. Debi P. Sarkar** - Invited by the Director, DRDO, RAC, Timarpur, Delhi to attend a selection committee for various Scientists post on 8<sup>th</sup> June, 2022.
- j. **Prof. Debi P. Sarkar** - Invited as subject expert by the Director, IIT Delhi to conduct evaluation for IIT Delhi sponsored AIIMS-IIT Delhi collaborative research proposals on 1<sup>st</sup> June.
- k. **Prof. Debi P. Sarkar** - Invited as a subject expert by the VC, Pondicherry University (Central) to conduct selection of Professors, Associate Professors and Assistant Professors of Biochemistry and Molecular Biology from 19<sup>th</sup> May to 27<sup>th</sup> May 2022.

**2. Books/ Patents/ Technology Transfer/ Industrial Collaboration**

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**3. Seminars/ Conferences/ Workshops Organized**

- a. Organized Seminar (Centenary Seminar Series) on "Prion Protein Biology Through the Lens of Liquid-Liquid Phase Separation: A Tale of an Intrinsically Disordered Tailolecular"

by Prof. Samrat Mukhopadhyay, Head, Department of Biological sciences, IISER, Mohali, 28<sup>th</sup> July 2022

- b. Organized Seminar (Centenary Seminar Series) on "Molecular Basis of Aggressive Breast Cancer Progression: Mechanisms of FoxM1" by Prof. Pradip Raychaudhuri, Dept. of Biochemistry & Molecular Genetics, University of Illinois, Chicago, USA (*Adjunct Faculty, Dept. of Biochemistry, UDSC, New Delhi*), 20<sup>th</sup> June 2022.
- c. Organized online course on Drug Discovery (with a focus on TB Drug Discovery) from 24<sup>th</sup> to 27<sup>th</sup> May 2022, Biosafety Level III Facility, Department of Biochemistry, UDSC, New Delhi.

**Targets** (For Academic Departments: Academic activities and Research)

### **Publications**

**Prof. Alo Nag** - Jaiswal, N., Nandi, D., Cheema, P.S., and **Nag, A.** (2022). The Anaphase Promoting complex/cyclosome co-activator, Cdh1, is a novel target of human Papillomavirus 16 E7 oncoprotein in cervical oncogenesis. **Carcinogenesis**, doi: 10.1093/carcin/bgac057

Dhembla, C., Yadav, U., **Kundu, S.** and Sundd, M. (2022). Lipoate protein ligase B primarily recognizes the C<sub>8</sub>-phosphopantetheine arm of its donor substrate and weakly binds the acyl carrier protein. *Journal of Biological Chemistry*, 298, 102203.

### **Academic Activity**

**Dr. Garima Khare** - Attended an online Faculty Development Programme on "Academic Writing" organized by Ramanujan College, DU w.e.f. 4<sup>th</sup> to 10<sup>th</sup> June 2022.

**Dr. Garima Khare** - Invited as a Panelist for panel discussion on "The Power and Perils of Research Ethics" at Hy-Sci 2022, CDFD, Hyderabad (student centric event), 14<sup>th</sup> May 2022

### **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