

Monthly Report for February 2021

Department of Biochemistry
University of Delhi South Campus

Achievements

1. *Honours and Distinctions:*

Faculty

- a. **Prof. Debi P. Sarkar** - Invited as Co-Chairman of the Selection Committee for recruiting scientists of the DRDO, Ministry of Defence, GOI.
- b. **Prof. Debi P. Sarkar** – Invited as Member to participate in policy meeting of National Biotechnology Development Strategy (NBDS), DBT with stakeholders and international partners of 2020-25 on 15th February 2021 and 23rd February 2021.
- c. **Prof. Debi P. Sarkar** - Invited as a Member of the Project Review Board of IIT, Delhi on 26th February 2021.
- d. **Prof. Debi P. Sarkar** - Participated as a DU VC nominee in the Promotion Committee Meeting (CAS 2018) of Acharya Narendra Dev College on 20th February 2021.
- e. **Prof. Debi P. Sarkar** - Participated as a DU VC nominee in the Promotion Committee Meeting (CAS 2018) of Sri Venkateswara College on 24th February 2021.
- f. **Prof. Suman Kundu** : Nominated as Life Member, Indian Academy of Biomedical Sciences, Lucknow (Feb 2021)
- g. **Prof. Suman Kundu**: Expert Member, Project Review Committee, INMAS, DRDO, Delhi, Feb 4, 2021 entitled "Trial and Development of Biomedical Devices and Formulation for Pre-hospital Care under Combat Scenario"
- h. **Prof. Alo Nag** - Participated as VC Nominee expert in the Promotion Selection Committee Meeting of Sri Venkateswara College on 8th February 2021.
- i. **Prof. Alo Nag** - Participated as VC Nominee expert in the Promotion Selection Committee Meeting of Deshbandhu College on 16th February 2021.

Students

Deeptashree Nandi won the **first prize** in the Indian Association for Cancer Research Essay Competition held in February 2021. This is an open competition for post-graduate students and research scholars from Indian/Foreign Universities and Research Institutions.

2. *Research Projects/ Publications including books/ Patents/ Technology Transfer/ Industrial Collaborations:*

Publications

Chetna Dhembla, Richa Arya, Ambrish Kumar, **Suman Kundu** and Monica Sundd (2021) “ *L. major* apo-acyl carrier protein forms ordered aggregates due to an exposed phenylalanine, while phosphopantetheine inhibits aggregation in the holo-form” International Journal of Biological Macromolecules. In Press (<https://doi.org/10.1016/j.ijbiomac.2021.02.215>)

3. *Seminars/ Conferences/ Workshops Organized:*

Special webinar on "Single-particle Cryo-EM: Visualization of Biological Molecules in their Native States" by Dr. Joachim Frank, Professor, Biochemistry and Molecular Biophysics & Biological Sciences, Columbia University, New York, USA, *The Nobel Prize in Chemistry 2017*, on 5th February 2021 (online)

4. *International collaborations including students exchange*

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5. *Extension and outreach activities and any other significant achievements/activity*

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