

## Department of Biochemical Engineering and Biotechnology

### Minutes of DRC meeting

(DRC-5/2021-2022)

Dated: 15<sup>th</sup> Dec 2021

The fifth meeting of the Departmental Research Committee (DRC) for the academic session 2021-2022 was held on 15<sup>th</sup> Dec Nov 2021 at 11.30 am by video conferencing.

The following members were present:

Prof. Shilpi Sharma (Chairperson)

Prof. D. Sundar

Prof. K. J. Mukherjee

Prof. Ritu Kulshreshtha

Prof. Preeti Srivastava

1. To confirm the minutes of the 4<sup>th</sup> meeting of the DRC for the session 2021-2022 held on 16<sup>th</sup> Nov 2021, and special DRC meeting held on 3<sup>rd</sup> Dec 2021.

*The minutes were confirmed as circulated.*

2. To confirm the minutes of the 4<sup>th</sup> meeting of the DRC for the session 2021-2022 held on 16<sup>th</sup> Nov 2021, and special DRC meeting held on 3<sup>rd</sup> Dec 2021.

*None*

3. Progress reports of Ph.D. students

*Till the start of the meeting, a total of 59 doctoral students' reports were received with a Satisfactory grade recommended by their respective supervisor and/or SRC. The same was approved. DRC Chairperson was authorised to forward the progress reports by the deadline of 25<sup>th</sup> Dec 2021 for other students for whom the reports could not be submitted due to technical glitches on the ERP.*

*For students beyond 5 years of registration, it was suggested that the SRC meetings be organized and the recommendations be forwarded to the DRC for its consideration and onward transmission to the Academics Section. The concerned faculty supervisors are requested to instruct the students to follow the necessary procedure related to registration in the ensuing semester(/s).*

4. Constitution of SRC of Ph.D. student Soumya Sahai Saxena (2021BEZ8009)

*The SRC for Soumya Sahai Saxena (2021BEZ8009) was constituted as follows:*

*Chairperson: Dr. L. E. Doyle*

*Internal Expert: Dr. P. Srivastava*

*External Expert: Dr. P. Hariprasad (CRDT)*

*Supervisors: Dr. S. Sharma (DBEB), Dr. Avinash Sharma (NCCS, Pune), Dr. Pascal Piveteau (INRAE, UR OPAALE, Renees, France)*

5. To report the matters for ratification by the DRC

(a) Project proposals submitted by faculty members

S. No.	Project Name	Investigators	Funding Agency
1	Development of point-of-care cartridge based isothermal nucleic acid amplification assay for viral load estimation of HCV	Ada Zwetlana, Mentor: RE	ICMR-SRF
2	Development of automated sample processing and imaging system for detection of pathogen and cells in smear microscopy	Brahma Tripathi, Mentor: RE	ICMR-RA
3	The Systematic and non-invasive eradication of MDR-TB, TB and TB associated cancer: Sonosensitizers winning the war on three fronts.	R. Elangovan (PI), Seyed E. Hasnain (Co-PI)	DST-SERB
4	Manure as a source of antibiotic resistant bacteria in organic fields: One-Health perspective	Vijay Laxmi Shrivastava, Mentor: SS	ICMR-SRF

*The above projects were circulated to members, since no comments were received the projects were forwarded to concerned authorities, and the item was ratified.*

6. Any other item with the permission of Chair

- Request received from Ms Shefali Singh (2016BEZ8558) for extension

*Application received from doctoral student Shefali Singh (2016BEZ8558) for an extension of 3 months beyond 5 years of registration was discussed. The committee noted that the same was not marked in the ERP by the supervisor. Also, the student was instructed to put up the request again enclosing the recommendations from her SRC.*

- Plan of work of Debasa Mukherjee (2019BEZ8667)

*The dates of Paper II of written comprehensive examination (30.09.2021) and Oral comprehensive examination (10.12.2021) for the student was recorded, and Plan of Work for her thesis titled "Extracellular electron transfer at the extreme investigating the limit of electroactive microorganisms" was approved based on recommendations by the members of SRC.*

*(Action: Chairperson DRC to forward the Form w/ enclosures to Dean Academics)*

Shilpi Sharma

**Circulation to DFB (by email)**