

Department of Biochemical Engineering and Biotechnology
Departmental Research Committee Minutes
(DRC-10/2021-2022)

09 May, 2022

The Tenth meeting of the *Departmental Research Committee* for the academic session 2021-2022 was held on Monday, May 9, 2022 at 10:00 am via Microsoft Teams (DRC channel).

The following members were present:

Prof. Ritu Kulshreshtha (Chairperson)

Prof. D. Sundar

Prof. Preeti Srivastava

Prof. Ishaan Gupta

Invitees:

Prof. Ravikrishnan Elangovan

Prof. Lucinda E. Doyle

1. Confirmation of the minutes of 9th meeting of the DRC for the session 2021-2022 held on May 2, 2022.

The minutes were confirmed as circulated.

2. To report the matters arising from the minutes of Meeting No. 08/2021-2022.

None

3. To discuss shortlisting criteria for MTech admissions

The Committee finalized the shortlisting criteria for MTech admissions, 2022-2023, Sem I (see Annexure I). It was noted that there was a candidate with BTech from IITJ with CGPA >8.0. Since the Institute mandates that such candidates be interviewed first before finalizing the selection list, the committee decided to hold a special DRC meeting on 12th May, 2022 at 10:00 am to interview this candidate as well as finalize the selection list.

4. Applications received from NIT Warangal BTech students to complete their 7th and 8th Semesters in the Department

A total of 2 applications were received from students pursuing their BTech degree from NITW who wish to spend their final year at IIT Delhi under MoU signed between NIT and IITD. It was decided to conduct the interview for these students later in this month.

5. MTech applicants from ICCR

A total of 2 applications were received from students under ICCR scholarship program for pursuing MTech degree at IIT Delhi. It was decided that students will be asked to provide statement of purpose, tentative research area and preferred faculty members with whom they would like to work. It was decided to conduct the interview for these students later in this month.

6. PhD applicants from ICCR

One application was received from a student under ICCR scholarship program for pursuing PhD degree at IIT Delhi. It was decided that the student will be asked to provide statement of purpose, tentative research area and preferred faculty members with whom they would like to work. It was decided to conduct the interview for these students later in this month.

Matters for ratifications

4. (a) Project proposals submitted by faculty members

S. No	Project Name	Investigator	Funding Agency
1	Microbe mediated plastic depolymerization and production of value added products	Prof. Preeti Srivastava (PI) Prof. Durai Sundar, (co-PI)	DBT
2.	Design of eco-friendly route for single use biodegradable plastic production	Prof. Ashish Misra (PI) Prof. KJ Mukherjee (co-PI)	DBT
3.	Analysis of contact-dependent T6SS mediated antifungal activity and associated effector proteins in soil bacteria: A step towards sustainable biocontrol	Dr. Ramya Krishnan (NPDF Applicant) Mentor: Shilpi Sharma	SERB-NPDF
4.	Learning from organic agriculture: identifying the natural disease suppression mechanism in organic soils	Shilpi Sharma (IITD), Martin Pabst (TUD)	MFIRP (IITD-TUD)
2	Development of 'Next generation bioformulations' using Actinomycetes for salinity stress mitigation in tomato	Prof. Shilpi Sharma	SERB (CRG)

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

8. Any other item with the permission of the Chair

None

Distribution

All Faculty (by email)



Ritu Kulshreshtha
DRC Chairperson