

**Department of Biochemical Engineering and Biotechnology**  
**Departmental Research Committee Meeting Notice**  
(DRC-06/2021-2022)

7<sup>th</sup> January, 2022

The Sixth meeting of the *Departmental Research Committee* for the academic session 2021-2022 was held on Wednesday, January 06, 2022 at 3:00 pm *via* Microsoft Teams (DRC channel).

The following members were present:

Prof. Ritu Kulshreshtha (Chairperson)

Prof. D. Sundar

Prof. T.R. Sreekrishnan

Prof. K. J. Mukherjee

Prof. Preeti Srivastava

Prof. Ishaan Gupta

1. Confirmation of the minutes of 5th meeting of the DRC for the session 2021-2022 held on 15<sup>th</sup> December, 2021.

The minutes were confirmed as circulated.

2. To report the matters arising from the minutes of Meeting No. 05/2021-2022.

Point 3- For students beyond 5 years of registration (PhD) or 2 years of registration (MSR), it was suggested that the SRC meetings be organized on a regular basis and the recommendations of the SRC be submitted to the DRC for record.

3. Conduct of the Written Comprehensive Exam 1 (Date and Modality)

Prof KJ Mukherjee (Section A) and Prof Ishaan Gupta (Section-B) were requested to coordinate the conduct of Paper I of written comprehensive examination scheduled on 28 January, 2021.

The request were received from Anuj Kumari (Credit-17, Current CGPA- 7.9) and Deeksha Jain (Credit-26, Current CGPA-8.9) to appear for Paper I of Written Comprehensive examination scheduled for January 28, 2021.

4. Allotment of topic and Constitution of the SRC of PhD students - Swati Jain (BEZ218627), Nirmal Singh Mahar (BEZ207518)

Swati Jain (BEZ218627) was assigned the topic "Understanding the mechanism of asymmetric cell division in *Rhodococcus erythropolis*" for her Ph.D. thesis under the mentorship of Prof. Preeti Srivastava.

SRC for Swati Jain (BEZ218627) was constituted as follows:

Chairperson	Prof. Durai Sundar (DBEB)
Internal Expert	Prof. Shilpi Sharma (DBEB)
External Expert	Prof. Biswajit Kundu (KSBS)
Supervisor	Prof. Preeti Srivastava (DBEB)

Nirmal Singh Mahar (BEZ207518) was assigned the topic “Dissecting molecular biology through single molecule sequencing” for his Ph.D. thesis under the mentorship of Prof. Ishaan Gupta.

SRC for Nirmal Singh Mahar (BEZ207518) was constituted as follows:

Chairperson	Prof. Shaikh Z. Ahammad (DBEB)
Internal Expert	Prof. D. Sundar (DBEB)
External Expert	Prof. Anita Roy (KSBS)
Supervisor	Prof. Ishaan Gupta (DBEB)

5. Plan of Work of Asheemita Bagchi (2020BEZ8513) for her thesis titled “Enhanced biodesulphurization through enzyme colocalization in bacterial microcompartments”

Plan of work of Ms. Asheemita Bagchi (2019BEZ8669) was approved based on recommendation by her SRC. The date for Paper 2 of written comprehensive examination was noted as 18 November 2021, and that of oral comprehensive examination was 15 December 2021.

6. Selection of Ph.D. students [Kolli Venkata Supraja (2020BEZ8516) and Preetha Ganguly (2020BEZ8521)] for Prime Minister’s Research Fellowship (PMRF), Sem I, 2021-2022.

The DRC recorded the selection of Kolli Venkata Supraja (2020BEZ8516) and Preetha Ganguly (2020BEZ8521) for the Ph.D. programme under the Prime Minister’s Research Fellow Scheme through Lateral Entry channel in DBEB with effect from 9<sup>th</sup> August 2021. The conversion of fellowship of Kolli Venkata Supraja and Preetha Ganguly from Institute Assistantship to PMRF fellowship was duly noted.

7. Nominations of the PMRF (lateral entry) students

One application was received from Deeksha Jain (2020BEZ8634) for PMRF under lateral entry mode. Deeksha was asked to make a presentation of her research proposal entitled “Deciphering the mechanism of regulation of the dsz operon of biodesulfurization” in front of DRC members on 6<sup>th</sup> Jan, 2021 (3:30 pm) by online mode. Based on the presentation of project proposal, list of publications, CGPA at IITD, and qualification of National level examination, her nomination was recommended.

(Action: DRC Chairperson to forward the nomination to Dean Academics)

8. Synopsis of PhD thesis of Ms. Lovely (2014BEZ8002) PhD student on the topic "Mass production of copolymers from renewable resources“.

The Committee discussed and approved the synopsis submitted by the Ph.D. student Ms. Lovely. The Committee also approved the panel of Examiners and authorized the Chairperson to forward the same to Dean (Academics).

(Action: 1 Thesis supervisor to send the following documents to the DRC Chairperson: (a) Filled-in form for Ph.D. synopsis submission & Appointment of Examiners (b) 2 hard copies of the Synopsis and (c) soft copy of the Synopsis by email) (Action 2: Upon receipt of the above documents, Chairperson DRC to forward it to Dean-Academics)

Based on the note received from Dean Academics, the committee asked Lovely to submit her PhD thesis latest within one month from the approval of her synopsis by the DRC.

9. Request received from Ms Shefali Singh (2016BEZ8558) for extension for PhD thesis submission

The recommendation of the SRC of Ms. Shefali Singh for providing six month extension (until July, 2022) was noted and placed in the records of the DRC.

10. Reconstitution of the Standing Selection Committee (SSC) for Postdoctoral Fellows

The committee recommended following composition of the Standing Selection Committee (SSC) for Postdoctoral Fellows as per the latest note received from Dean (Faculty):

Chairman:	Prof. Durai Sundar (HoD)
Member:	Prof. Ritu Kulshreshtha (DRC Chair)
Member:	Prof. Ashish Misra
Member:	Prof. Lucinda E. Doyle
Postdoc Faculty Mentor:	Prof Ishaan Gupta (Convener)

11. Moderation of grades of Madishetty SaiTeja (MTP Part II)

Dr. Tulika Prasad (Special Center of Nanosciences, JNU) was invited as an external examiner for evaluation of MTech thesis (BBD852) of Mr. Madishetty SaiTeja (2016BB50010). The committee finalized his grade in the course BBD852.

**Distribution**

All Faculty (by email)

**Ritu Kulshreshtha**  
DRC Chairperson