

Department of Biochemical Engineering and Biotechnology
Minutes of DRC meeting
(DRC-07/2019-2020)

Dated: 1st May 2020

The seventh meeting of *Departmental Research Committee* (DRC) for the academic session 2019-2020 was held on 27th April 2020 at 3.00 pm by video conferencing

The following members were present:

Prof. Shilpi Sharma (*Chairperson*)

Prof. T. R. Sreekrishnan

Prof. D. Sundar

Prof. Ritu Kulshrestha

Prof. Preeti Srivastava

Prof. Rohan Jain

Prof R. Elangovan (*Convenor*)

1. To confirm the minutes of the 6th meeting of the DRC for the session 2019-2020 held on 17th March 2020

The minutes of the 5th meeting of DRC for the session 2019-2020 held on 17th March 2020 were confirmed as circulated.

2. To report the matters arising from minutes of Meeting No. 05/2019-2020

None

3. MTP evaluation as per revised semester schedule

List of examiners for MTP evaluations for graduating batch of dual degree students was finalised by the members. The date for report submission of reports for BTP/MTP projects was finalised as 18th July 2020 as per revised calendar. MTP evaluation was scheduled for 28th July 2020 forenoon, and for BTP evaluation on 28th July 2020 afternoon. MTP coordinator was requested to communicate the same to the examiners. *Action: MTP coordinator*

4. Selection of students for departmental Ph.D. and MSR programmes for summer entry 2020

In view of the revised semester schedule, the Ph.D. coordinator was requested to formulate a model for selection of students for the Ph.D. programme by online interviewing, which will then be circulated for inputs by DRC members. It was decided that the shortlisting criteria for Ph.D. and MSR applicants will be finalised in the next DRC meeting to be held in the last week of May 2020.

Three proposals put forth by Prof Atul Narang for Ph.D. and MSR were approved and included in the list of topics available for students for Entry Sem I, 2020-2021. *Action: Ph.D. coordinator*

5. Allotment of BTP and MTP topics

It was decided to circulate the list of MTP topics to students by mid June 2020 and seek their preferences once the semester resumes. For allotment of BTP topics, it was decided to wait till the semester resumes. *Action: MTP coordinator*

6. Comprehensive examination for Ph.D. students

As per the decision taken in Senate meeting dated 16th April 2020, a list of doctoral students due for Comprehensive examination (Written and Oral), and thesis submission was compiled as per Annexure 1. The committee decided to seek an extension for the respective deadline by Dean Academics (till 30th September 2020).

7. PhD students and sponsored proposals by superannuating faculty members

For the following Ph.D. students currently being solely supervised by faculty members due for superannuation in the coming semester, co-supervisors were inducted as follows:

Student	Supervisor	Co-supervisor
Anika Goyal (2017BEZ8286)	Prof A K Srivastava	Prof T R Sreekrishnan
Navodit Kumar Singh (2016BEZ8009)	Prof A K Srivastava	Prof T R Sreekrishnan
Rabab Anjum (2015BEZ8352)	Prof A K Srivastava	Prof T R Sreekrishnan
Lovely (2014BEZ8002)	Prof A K Srivastava	Prof T R Sreekrishnan
Aakanksha Ahlawat (2017BEZ8292)	Prof Saroj Mishra	Prof R. Elangovan

Also, the SRC for the students was amended as per Annexure 2.

Action: Head

8. Application for RETA

One application was received for Research Excellence Travel Award against departmental deadline of 1st April 2020. The application by Ph.D. student Jananee Jaishankar (2015BEZ8350) was recommended as it met the departmental guidelines as per decision in 5th meeting of DRC (2018-2019).

9. To report the matters for ratification by the DRC

(a) Project proposals submitted by departmental faculty

S. No	Project Title	Project Investigator	Funding Agency
1	Comparative analysis of the metabolome of suppressive vs. conducive agricultural land for tomato wilt disease	SS as mentor for Dr T. Mukherjee	NPDF DST
2	Resolving the fate and studying the impact of pharmaceutical wastes on the environment and local community of a pharmaceutical manufacturing hub. ResPharm	ZA	NERC
3	Development of fermentation process for recombinant protein production using formate as sole inducer of pAOX1 in yeast <i>Pichia pastoris</i>	AN as mentor for Dr A. Singla	DBT-RA
4	Inducing stress-suppressiveness in agricultural soil by engineering rhizospheric microbial community	SS	DBT

The above projects were circulated to members, since no specific comments were received the projects were forwarded to Dean IRD and the item was ratified.

10. Any other item with the permission of Chair

- Students registering for MTP for Academic Year 2020-2021

Since the students will not be able to start their MTP from the summer semester onwards, they will not be able to register for BBD851 & BBD852 (6 + 14 credits). ALL the students will have to register only for BBD853 & BBD854 (4 + 16 credits). This would mean ALL the students pursuing MTP next year would graduate only after the summer semester of next year and NOT at the end of Semester 2, 2020-21. After discussion on this matter in the DRC, the time table incharge may have to ensure that the courses BBD851 & BBD852 are withdrawn from the list of courses that are already floated in the eAcad portal for the next AY.

Action: TT incharge

The meeting ended with thanks to all members.

Ravikrishnan Elangovan
Convenor, DRC

Distribution

DBEB faculty (by email)

Annexure 1

List of students who have submitted their synopsis and need extension for thesis submission

S. No.	Entry no.	Name	Supervisor
1	2013BEZ8510	Vidhu S.	SN & RE
2	2014BEZ7503	Ashish Lohar	TRS
3	2014BEZ8002	Lovely	AKS
4	2014BEZ8003	Omkar Suhas Vinchure	RK
5	2014BEZ8005	Sanjay Kumar	TRS & AKS
6	2014BEZ8267	Vidhi Malik	DS
7	2014BEZ8391	Sonia Gupta	ZAS

List of students who wish to take comprehensive exams in July – September 2020

S. No.	Student Name	Entry no.	Supervisor	Part
1	Partha Pratim Mondal	2018BEZ8438	ZAS	Part 2 + Oral
2	Salina tigma	2018BEZ8439	ZAS	Part 2 + Oral
3	Sidra Ghazali Rizvi	2018BEZ8442	TRS	Part 2 + Oral
4	Shabnam Parwin	2018BEZ8441	PS	Part 2 + Oral
5	Debashree Kar	2018BEZ8437	PM	Part 2 + Oral
6	N. Seyad Shefrin	2018BEZ8440	DS	Part 2 + Oral

Annexure 2**Revised SRC composition of Ph.D. students**

Student Name	Chairperson	Internal Expert	External Expert	Supervisors
Anika Goyal (2017BEZ8286)	Prof Z A Sheikh	Prof R. Jain	Prof K K Pant	Prof AK Srivastava & Prof TRSreekrishnan
Navodit K. Singh (2016BEZ8009)	Prof Z A Sheikh	Prof R. Jain	Prof K K Pant	Prof AK Srivastava & Prof TR Sreekrishnan
Rabab Anjum (2015BEZ8352)	Prof Z A Sheikh	Prof R. Jain	Prof K K Pant	Prof AK Srivastava & Prof TR Sreekrishnan
Lovely (2014BEZ8002)	Prof A. Narang	Prof Z A Sheikh	Prof S K Khare	Prof AK Srivastava & Prof TR Sreekrishnan
Aakanksha Ahlawat (2017BEZ8292)	Prof P. Mishra	Prof R. Kulshreshtha	Prof B. Kundu	Prof Saroj Mishra & Prof R. Elangovan