

Department of Biochemical Engineering and Biotechnology
Minutes of DRC meeting
(DRC-2/2020-2021)

Dated: 21st Oct 2020

The second meeting of the Departmental *Research Committee* (DRC) for the academic session 2020-2021 was held on 21st Oct 2020 at 3 PM by video conferencing

The following members were present:

Prof. Shilpi Sharma (Chairperson)
Prof. T. R. Sreekrishnan
Prof. D. Sundar
Prof. A. Narang
Prof. Ritu Kulshrestha
Prof. Preeti Srivastava
Prof. Rohan Jain
Prof. I. Gupta (Convenor)

1. To confirm the minutes of the 1st meeting of the DRC for the session 2020-2021 held on 9th Sept 2020, and special DRC meeting circulated on 14th Oct 2020.

The minutes of the 1st meeting of the DRC for the session 2020-2021 held on 9th Sept 2020, and special DRC meeting dated 14th Oct 2020 were confirmed as circulated.

2. To report the matters arising from minutes of Meeting No. 01/2020-2021

None reported.

3. Approval of new PhD projects by faculty members

New projects proposed by the faculty members for PhD and MSR students were circulated to DRC members, since no specific comments were received the projects were approved (Annexure 1).

4. Allotment of PhD topics to new students

PhD students of Entry Sem I, 2020-2021 were allotted PhD topics as per Annexure 2. Respective supervisors were requested to suggest names of SRC members by 31st Oct 2020 to DRC Convenor.

5. Modality for conducting comprehensive exam (Paper I and II) in the current phase

It was decided that the discussion on modality for conducting Paper 1 of comprehensive examination be deferred for the next DRC meeting. As per decision taken in 11th DRC meeting 2019-2020 it was recommended that Paper 2 of Written Comprehensive Exam be scheduled for all eligible students in consultation with the DRC Chair. Participation in the Oral Comprehensive examination was mandatory for all Ph.D. and MSR students. PhD/MSR Coordinator was requested to coordinate the same. Departmental faculty are encouraged to participate in the Oral Comprehensive examination.

6. Modality for conducting screening for departmental DBEB PhD programme for Sem II, 2020-2021 entry.

The committee decided to follow the same modality for selection of students for Ph.D. programme for Sem II, 2020-21 as adopted for Sem I, 2020-21 entry.

7. To report the matters for ratification by the DRC.

(a) Ratification of MTP evaluation guidelines

The guidelines for evaluation of MTP students were ratified

(<https://owndcloud.iitd.ac.in/nextcloud/index.php/s/b6tRitxYAbDraeo#pdfviewer>).

(b) Resignation of Ms Shivali Mishra (2020BEZ8523) from Ph.D. programme

Request received from Ms Shivali Mishra to exit the Ph.D. programme on personal ground was forwarded to Dean Academics.

8. Request for extension of Ex-India Leave by Ms Priyanka (2017BEZ8285)

In view of the current pandemic, the request made by Ms Priyanka to Dean Academics for a two-months' extension (1st Oct 2020 to 30th Nov 2020) under the DAAD Binationally funded PhD programme was considered favourably.

9. Matters for information

The Chairperson informed the committee of the notifications received from PGS&R regarding appointment of Prof. T. R. Sreekrishnan as supervisor in place of the superannuated faculty members (Annexure 3).

10. Any other item with the permission of Chair

(a) Request from Ms Jananee Jaishankar (2015BEZ8350) for virtual participation in conference through RETA

As ECB 2020 (conference for which Ms Jananee had earlier sought permission for participation through RETA) was cancelled the committee decided to forward her request for participation in IUMS 2020 in virtual mode.

(b) Request by Dr Sakshi Aggarwal to avail Early Doc Fellowship by IRD

Based on the SRC's recommendation, DRC Chairperson was authorised to forward Sakshi Aggarwal's request for Early Doc fellowship to Dean (R&D).



Ishaan Gupta
Convenor, DRC

Distribution: DBEB Faculty (by email)

Annexure 1**New PhD and MSR projects floated by faculty members**

SN	Project Title	Supervisor
1	Effect of gene dosage on the expression and secretion of recombinant protein in <i>Komagataella phaffi</i> (<i>Pichia pastoris</i>)	AN
2	Explore the use of format to induce AOX1 promoter of <i>Komagataella phaffi</i> (<i>Pichia pastoris</i>)	AN
3	Rhizosphere engineering for sustainable agriculture	SS

Allotment of topics and supervisors to PhD students (Entry Sem I, 2020-2021)

S. No	Name	Entry no.	Supervisor	Project title
1	Abhilash Dasari	2020BEZ8510	IG	LoCoGen: Development of Low Cost single cell and single molecule Genomics
2	Akshay Ravindra Lohakare	2020BEZ8511	AN	Effect of gene dosage on expression and secretion of recombinant protein in <i>Pichia pastoris</i>
3	Aratrika Ghosh	2020BEZ8512	RJ	Development of siderophores immobilized magnetic material for the recovery of germanium from industrial wastewater and solid waste
4	Asheemita Bagchi	2020BEZ8513	PS	Enhanced biodesulfurization through enzyme co-localisation in bacterial microcompartments
5	Juwayria	2020BEZ8514	IG	FailureOme: Dissecting molecular mechanism of human organ degeneration during Aging through high precision genomics
6	Khadeeja Parveen	2020BEZ8515	TRS	AD doctor: Development of tools to assess health of anaerobic digester (AD)
7	Kolli Venkata Supraja	2020BEZ8516	RJ	Development of algae based slow release fertilizer
8	Mahenaz Haneef	2020BEZ8517	ZAS	Study on antibiotic resistance transmission and proliferation contributed by pharmaceutical industry and development of possible mitigation strategy
9	Monika Luthra	2020BEZ8518	LED	Electroactive India: profiling electrochemically-active microorganisms from across the subcontinent
10	Nikita Deshwal	2020BEZ8519	ZAS	Understanding the auto-healing capability of Ganga river (in view of the reduction efficacy of AMR burden)
11	Palistha Tuladhar	2020BEZ8568	AM	Experimental and computational techniques for metabolic analysis and engineering of microbes
12	Pallavi Chakraborty	2020BEZ8520	AN	Kinetics of ethanol production in <i>Pichia stipitis</i>
13	Preetha Ganguly	2020BEZ8521	PM	Carbon nanodots for anticancer drug delivery and bioimaging
14	Rashi Tyagi	2020BEZ8525	SS	Designing a synthetic microbial community for biocontrol of pathogen
15	Salila Pradhan	2020BEZ8522	SS	Rhizosphere engineering for sustainable agriculture
16	Subhashree Pagal	2020BEZ8524	AN	Kinetics of recombinant protein synthesis on mixtures of carbon sources in <i>Komagataella phaffi</i>

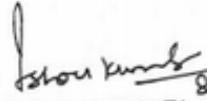
INDIAN INSTITUTE OF TECHNOLOGY DELHI
ACADEMIC & EXAMINATION SECTION (PGS)

No. IITD/A&E(PGS)/A-2/2020/ 263820 Dated: 9. 10.2020

जैव रासायनिक अभियांत्रिकी और बायोटेक विभाग के प्रमुख द्वारा की गई सिफारिश पर Prof. T.R. Sreekrishnan को Prof. G.P.Agarwal के स्थान पर पर्यवेक्षक तथा Prof. G.P.Agarwal (जिन्होंने 30.09.2020 को एमेरिटस प्रोफेसरशिप का अपना कार्यकाल पूरा कर लिया है) को Mr. Shashi Kumar (2015BEZ8358) अनुसंधान विद्वान के संबंध में सह-पर्यवेक्षक नियुक्त किया गया है। पीएच.डी. के अन्य नियम और शर्तें छात्र का पंजीकरण पहले ही अधिसूचित रूप में ही रहेगा।

On the recommendation made by the Head, Dept. of Biochemical Engg. & Biotech. Prof. T.R. Sreekrishnan in the same Dept. is hereby appointed supervisor in place of Prof. G.P.Agarwal (who has completed his tenure of Emeritus Professorship on 30.09.2020) and Prof. G.P.Agarwal will be joint-supervisor in respect of Mr. Shashi Kumar (2015BEZ8358) research scholar. The other terms and conditions of Ph.D. registration of the student will however remain the same as already notified.

This has approval of the Competent Authority.


(ASHOK KUMAR)
Superintendent (PGS&R)

✓ 1. Prof. T.R.Sreekrishnan
Deptt. of Biochem. Engg. & Biotech.

Copy to:

1. Head, Deptt. of Biochem. Engg. & Biotech.
2. Prof. G.P.Agarwal
Deptt. of Biochem. Engg. & Biotech.
3. Mr. Shashi Kumar
Research Scholar (2015BEZ8358)
Through: Head, Deptt. of Biochem. Engg. & Biotech.


14/10/20

→ Scan & email
to all
→ phd file

INDIAN INSTITUTE OF TECHNOLOGY DELHI
ACADEMIC & EXAMINATION SECTION (PGS)

No. IITD/A&E(PGS)/A-2/2020/ 262843

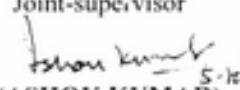
Dated: 06. 10.2020

जैव रासायनिक अभियांत्रिकी और बायोटेक विभाग की डीआरसी द्वारा की गई सिफारिशों पर निम्नलिखित रिसर्च स्कॉलर्स के संबंध में नए एसआरसी का गठन किया गया है। पीएच.डी. के अन्य नियम और शर्तें छात्र का पंजीकरण पहले ही अधिसूचित रूप में ही रहेगा।

On the recommendations made by the DRC, of Deptt. of Biochemical Engg. & Biotech. the new SRC in respect of the following Research Scholars is hereby constituted. The other terms and conditions of Ph.D. registration of the student will however remain the same as already notified.

<u>S.No.</u>	<u>Name & Entry No.</u>	<u>New SRC</u>
1.	Lovely, 2014BEZ8002	Prof.Atul Narang - Chairperson Prof.Ziauddin Shaikh Ahammad - Internal Expert Prof.Sunil K Khare - Outside Expert Prof.T.R.Sreekrishnan - Supervisor Prof.A.K.Srivastava - Joint-supervisor
2.	Rabab Anjum, 2015BEZ8352	Prof. Ziauddin Shaikh Ahammad - Chairperson Prof. Rohan Jain - Internal Expert Prof. K.K.Pant - Outside Expert Prof.T.R.Sreekrishnan - Supervisor Prof.A.K.Srivastava - Joint-supervisor
3.	Navodit Kr. Singh 2016BEZ8009	Prof. Ziauddin Shaikh Ahammad - Chairperson Prof. Rohan Jain - Internal Expert Prof. K.K.Pant - Outside Expert Prof.T.R.Sreekrishnan - Supervisor Prof.A.K.Srivastava - Joint-supervisor
4.	Anika Goyal, 2017BEZ8288	Prof. Ziauddin Shaikh Ahammad - Chairperson Prof. Rohan Jain - Internal Expert Prof. K.K.Pant - Outside Expert Prof.T.R.Sreekrishnan - Supervisor Prof.A.K.Srivastava - Joint-supervisor
5.	Praveen Kr. Singh 2018BEY7513	Prof. Ziauddin Shaikh Ahammad - Chairperson Prof. Rohan Jain - Internal Expert Prof.T.R.Sreekrishnan - Supervisor Prof.A.K.Srivastava - Joint-supervisor

This has approval of the Competent Authority.


(ASHOK KUMAR)
Superintendent (PGS&R)

1. Prof. T.R.Sreekrishnan
Deptt. of Biochem. Engg. & Biotech.

Copy to:

1. Head, Deptt. of Biochem. Engg. & Biotech.
2. Prof. A.K.Srivastava
Deptt. of Biochem. Engg. & Biotech.
3. Concerned Research Scholars
Through: Head, Deptt. of Biochem. Engg. & Biotech.