

**Department of Biochemical Engineering and Biotechnology**  
**Special Departmental Research Committee meeting (2018-19)**

Dated 15th Oct 2018

A special DRC meeting was held on 15th Oct 2018 at 10:45 am in the committee room (I-230) of the Department to discuss the allotment of topics to Semester I, 2018-19 entry M.S.(Res). students. The following members were present:

1. Prof. T.R. Sreekrishnan	Chairman
2. Prof. Atul Narang	Member
3. Prof. Saroj Mishra	Member
4. Prof. Prashant Mishra	Member
5. Prof. D. Sundar	Member
6. Prof. Ritu Kulshreshtha	Member
7. Prof. Preeti Srivastava	Member
8. Prof. Shilpi Sharma	Convenor

Based on the choices submitted by them the Committee approved the allotment of projects to the Semester I, 2018-19 entry M.S.(Res). students as follows:

S. No	Student	MSR research topic	Supervisor 1	Supervisor 2
1.	Praveen K. Singh (2018BEY7513)	Study of role of key nutrients on copolymers production from gaseous substrate (CH <sub>4</sub> : CO <sub>2</sub> : Air)	AKS	
2.	Abhijit Singh (2018BEY7511)	Use of alternative inducers for recombinant protein production in <i>K. phaffi</i>	AN	
3.	Yogesh Kalakoti (2018BEY7512)	Bioinformatics insights to the manipulation of hypoxia signaling for cancer metastasis treatment by natural products	DS	Renu Wadhwa AIST, Japan
4.	Vipul Kumar (2018BEY7509)	Natural products as sources of new drugs	DS	
5.	Nidhi Solanki (2018BEY7508)	Investigating the role of G-quadruplexes in the regulation of non-coding RNAs	RK	V. Perumal (KSBS)
6.	Aditi Keshav (2018BEY7514)	Studies on the mechanism of regulation of dsz operon	PS	

**Any other item:**

(a) Synopsis of Ph.D. thesis titled "Isolation and characterization of the protein(s) involved in the regulation of the dsz operon for biodesulfurization of organosulfurs" submitted by Ms. Pooja Murarka (Entry No 2014BEZ8265).

The Committee discussed and approved the synopsis submitted by Pooja Murarka. The Committee also approved the panel of Examiners and authorized the Chairman to forward the same to Dean (Academics).

(Action: 1 Thesis Supervisor to send the following documents to the DRC Convener: (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, Chairman DRC to forward it to Dean-Academics).

(b) The SRCs of two Ph.D. and one M.S.(Res) student was modified as follows:

Name of Student	Supervisor	Chairperson	Internal Expert	External Expert
Shefali Singh (2016BEZ8558)	R. Elangovan	R.Kulshreshtha	D. Sundar	Neetu Singh (CBME)
Sneha Kumari (2017BEZ8289)	R. Elangovan	P. Srivastava	S. Mishra	V. Perumal (KSBS)
Jagat N Prajapati (2017BEY7501)	R. Elangovan	P. Srivastava	D. Sundar	-

(c) Plant of work of Deepak Sharma (2016BEZ8559) and Shefali Singh (2016BEZ8558)  
The Plans of Work of Ph.D. students Deepak Sharma and Shefali Singh were discussed, and approved on the basis of recommendations by the members of SRC.

(Action: Chairman DRC to forward the Form w/ enclosures to Dean - Academics)

(d) Selection of students for Ph.D. programme of the department

The committee decided that the written test and/or interview for admission to Ph.D. programme in the department would be conducted on 4th Dec 2018.

(e) Ms Garima Yadav's (2018BEZ8241) request for conversion of CSIR fellowship to Institute Assistantship was rejected as her selection to the Ph.D. programme was based on her fellowship from CSIR.

(f) Mr Deepchandra Joshi (2018BEZ8240) was allotted the topic "Development of efficient treatment system to remove ARB and ARGs from wastewater" for his doctoral work, under the supervision of Prof. T. R. Sreekrishnan.

The meeting ended with thanks to all members.

Shilpi Sharma  
Convenor, DRC

**Distribution**

All DRC members and other DBEB faculty (by email)