

Department of Biochemical Engineering and Biotechnology
Minutes of DRC Meeting N0 06/ 2015_2016
(DRC-06/2015-2016)

May 4, 2016

The sixth meeting of *Departmental Research Committee* (DRC) for the academic session 2015-2016 was held on **Wednesday, April 27th, 2016** at **12:00 noon** in the Committee Room (I- 230) of the Department.

The following members were present:

Prof. Prashant Mishra (*Chairman*)
Prof. V. S. Bisaria
Prof. Saroj Mishra
Prof. T. R. Sreekrishnan
Prof. A. K. Srivastava
Prof Atul Narang
Dr. D. Sundar
Dr. Ritu Kulshreshtha
Dr. Preeti Srivastava
Dr. Shilpi Sharma (*Convenor*)

1. To confirm the minutes of the 5th meeting of the DRC for the session 2015-2016 (*DRC-05/2015-2016*) held on March 30, 2016

The minutes of 5th meeting of DRC 2015-16 held on 30th March 2016 were confirmed as circulated.

2. To report the matters arising from minutes of Meeting No. 05/2015-2016 and action taken.

Item # in DRC Meeting No. 05/2015-2016	Brief description	Gist of the decision of the DRC	Action taken / Present status
1	Selection of Ph.D. candidate from project staff	Interview scheduled for 30.03.2016	Three candidates were recommended for selection
2	Synopsis of Shayoni Dutta and Premnath S.	Approved	Forwarded to Dean Academics
3	Plan of work of Ph.D. students Ashish Lohar (2014BEZ7503), Lovely (2014BEZ8002), Sanjay (2014BEZ8005), and Pooja Murarka (2014BEZ8265)	Approved	Forwarded to Dean PGS&R

3. Admission for Ph.D. and M.S.(R) programme (Sem I, 2016-17) and procedure for their allotment.

DRC convenor and MS.(R) Coordinator apprised the committee of the number of shortlisted candidates for the upcoming Ph.D. and MS(R) selections. A sub-committee comprising of Dr. R. Kulshreshtha, Dr. R. Elangovan and Dr. A. Misra was formed for the conduct of written examination for Ph.D. selection, and for evaluation of answer sheets. Prof. T. R. Sreekrishnan and Dr. Preeti Srivastava were requested to coordinate the setting of paper for written examination. For Ph.D. candidates, the written test will be held on 18th May, 2016 from 9.30-10.30 am, while the interviews will start at 12 noon. Interviews for MS(R) will be held on 19th May 2016. All the DRC members are invited to attend the interviews. It was decided that on the day of interview the broad areas available

for Ph.D., M.S. (R) students will be displayed. This will be followed by floating Ph.D., M.S. (R) topics after selection of candidates.

4. Proposal entitled "Evaluation of novel and engineered enzymes in combination treatment plants for degradation/decolorization of waste waters from textile mills" submitted by Prof. Saroj Mishra for submission to DBT.

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

5. Proposal entitled "Monitoring and development of possible mitigation strategy of antibiotic resistance in the river Ganga (Gomukh to Garhmukteshwar) submitted by Dr Z. Ahammad for submission to DBT.

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

6. Proposal entitled "Big data based leads for drug development from traditional home medicine for cancer prevention and treatment" submitted by Dr. D. Sundar for submission to DST.

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

7. Proposal entitled "Enhanced oil recovery using wild type and mutant biodesulfurizing strains" submitted by Dr. Preeti Srivastava for submission under PAN IIT-ONGC programme.

The above project was circulated to members, since no specific comments were received from the members on the proposal, the project was forwarded to Dean IRD and item was ratified in DRC.

8. Guidelines for forwarding project proposals.

The committee decided to finalise a one-page self-declaration form that PIs will need to fill and submit to DRC Chairperson for forwarding of a proposal to Head. Following are the guidelines for forwarding of new proposal for submission to sponsoring agency:

a) **Faculty** will circulate the proposal with the self declaration sheet to all DRC members

b) Head will forward the proposal on IRIS in case no major comments are received from DRC members within **3** working days of submission.

c) In case of any major comment related to space, infrastructure or safety issues, clarification will be sought from the PI.

d) PIs should seek clearances (viz. ethical, safety, biosafety), if any, before submission to DRC.

9. Finalization of date for submission of MS (R) project synopsis and plan of work

It was decided that the SRC for progress of MS(R) students who have completed one year (Entry Sem I, 2015-2016) should be held so that the grades reach MS(R) Coordinator latest by 15th May 2016. For second year students (Entry Sem I, 2014-2015) the submission of synopsis should be done by mid July 2016.

10. Allotment of MTP project to Chandel Angad Singh (2011BB50013).

Based on his preferences and availability of projects, Chandel Angad Singh (2011BB50013) was allotted MTP project under the mentorship of Dr A. Misra.

11. Evaluation of MTP students due for completion in Sem II, 2015-16.

MTP evaluation will be scheduled for the candidates at end of June 2016, however, on a special request based on their supervisor's recommendation evaluations may be scheduled at the end of May 2016. Students requesting any further extension will have to submit their application to MTP coordinator latest by 13th June 2016 routed through their supervisors. For students registered for BED854 the evaluation will be scheduled at the end of July 2016.

12. Nomination of faculty for Summer Research Program-2016

Prof Prashant Mishra was nominated as faculty for Summer Research Programme-2016 based on the candidate's area of interest.

13. Application received from Ms. Sonia Gupta for ex-India leave for attending a training workshop at Newcastle University
The application was ratified by the committee.

14. Matters for information
None

15. Any other item with the permission of Chair

- The following proposals were circulated to DRC members. Since no specific comments were received from the members on the proposal, the proposals were forwarded to Dean IRD.

Investigators	Title	Funding agency
Dr. P. Srivastava Prof. V. S. Bisaria	Development of Stationary Phase Promoter- based Gene Expression System for Actinomycetes	DBT
Prof. A. K. Srivastava Prof. T. R. Sreekrishnan	Optimization and scale up of fuel (bio-butanol) & chemical (1,3-propanediol) production from renewable resources	PAN IIT-ONGC
Prof. A. K. Srivastava Prof. T. R. Sreekrishnan	Process optimization & development of photo-bioreactor for biodiesel production using marine microalgae	PAN IIT-ONGC

- The Committee discussed and constituted the SRC for Ph.D. students admitted in Sem II, 2015-16 (Annexure 1).

Shilpi Sharma
Convenor, DRC

Distribution

All DRC members and other DBEB faculty (by email)

Cc: DRC File

ANNEXURE 1

Student's Research Committee (SRC) for M.S.(R) students

Student, Entry No.	Chairman, DRC or his nominee	One expert in the field from the department	One Institute faculty expert, preferably in the concerned area, from outside the department to which the student belongs	Supervisor
J. Jaishankar 2015BEZ8350	Prof. S. Mishra	Dr. S. Sharma	Dr. B. Kundu, KSBS	Dr. P. Srivastava
Manju 2015BEZ8354	Prof. T. R Sreekrishnan	Dr. R. Kulshreshtha	Prof. S. K. Khare, Chemistry	Prof. S. Mishra, Dr. P. Srivastava
Rabab Anjum 2015BEZ8352	Prof. T. R Sreekrishnan	Dr. Z. Ahammad	Prof. K. K. Pant, Chemical Engg	Prof. A. K. Srivastava
Srishti Srivastava 2015BEZ8353	Dr. D. Sundar	Dr. P. Srivastava	Dr. V. Perumal, KSBS	Dr. R. Kulshreshtha
Rishabh Shukla 2015BEZ8351	Prof. A. K. Srivastava	Prof. T R Sreekrishnan	Prof. B. J. Alappat, Civil Engg	Dr. Z. Ahammad
Rohit Khandelwal 2015BEZ8355	Prof. S. Mishra	Dr. S. Sharma	Prof. K J Mukherjee, JNU	Dr. P. Srivastava Prof. V S Bisaria
N. Huda 2015BEZ8356	Dr. D. Sundar	Dr. R. Kulshreshtha	Dr. V. Perumal, KSBS	Dr. R. Elangovan
Arun Thapa 2015BEZ8357	Prof. T. R Sreekrishnan	Prof. A. Narang	Dr Ashok Patel, KSBS	Dr A. Misra
Shashi Kumar 2015BEZ8358	Prof. A. K. Srivastava	Dr A. Misra	Dr. Vivek Buwa, Chemical	Prof. T. R Sreekrishnan Prof G P Agarwal