

Department of Biochemical Engineering and Biotechnology
Special Faculty Board Meeting (7/11/2017)

Dated: November 21, 2017

A special DFB was held on November 7, 2017 at 3:00 pm in the committee room (I-230) of the Department primarily to discuss the allocation of projects to the new PhD students, but two additional issues were also taken up. The following members were present:

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

I. The Board allotted following topics to the new PhD students:

Sneha Kumari: *Study of myosin XI driven transport using single molecule imaging* with Prof. Ravikrishnan Elangovan.

Soumya Rajpal: *Nanoparticle-biomolecule hybrid systems for biosensor applications* with Prof. Prashant Mishra.

Aakanksha Ahlawat: *Characterization of laccase genes/gene products from *Cyathus bulleri* and their applications in textile wastewater treatment* with Prof. Saroj Mishra.

Since Jitendra Singh Verma, a PhD student of Prof. AK Srivastava had converted from full-time to part-time PhD and had also submitted his synopsis, the board decided to consider it as a free PhD student slot under Prof. AK Srivastava as a special case. Thus, the board decided to allot PhD student, Anika Goyal, her first choice entitled "Production of biopolymers from gaseous substrates (CH₄:CO₂:Air)" under supervision of Prof. A. K. Srivastava in place of her previously allotted topic.

II. The Board considered the equipment that the Department would be prepared to house in the common area of the forthcoming Biocluster Building 99C-1. It was agreed to offer:

- The following existing equipment, namely, Agilent GC-MS, Elementar elemental analyser, Dionex HPAEC-PAD, Perkin-Elmer scintillation counter, and Jasco CD-polarimeter.
- The following equipment scheduled to be purchased during 2017-18 financial year, namely, LC-MS and flow cytometer.

[Action: DS, RE, PS, ZAS]

III. The Board discussed the Director's email dated November 6, 2017, regarding IITD's intent to submit the *Institutes of Eminence* proposal. It was agreed that the improvement of the infrastructure in the Bioprocess lab would provide the impetus needed to gain leading status at the national level. It was recommended that a proposal to this effect be submitted to DDSP.

[Action: AN]

Atul Narang
Chairman