

Department of Biochemical Engineering and Biotechnology

Minutes of the Departmental Faculty Board Meeting

(DFB-07/2020-2021)

June 08, 2021

The seventh meeting of the *Departmental Faculty Board* for the academic session 2020-2021 was held on **June. 07, 2021** through video conferencing (Microsoft Teams in the *DBEB FB channel*).

The following members were present:

Prof. D. Sundar	Chairman
Prof. Saroj Mishra	Member
Prof. T.R. Sreekrishnan	Member
Prof. Sunil Nath	Member
Prof. Prashant Mishra	Member
Prof. Atul Narang	Member
Prof. Shilpi Sharma	Member
Prof. K.J. Mukherjee	Member
Prof. Preeti Srivastava	Member
Prof. Ravikrishnan Elangovan	Member
Prof. Ashish Misra	Member
Prof. Rohan Jain	Member
Prof. Lucinda E. Doyle	Member
Prof. Ishaan Gupta	Member
Prof. Madhuresh Sumit	Member
Prof. Ritu Kulshreshtha	Convener

1. Confirmation of the minutes of the 6th meeting of the DFB for the session 2020-2021 held on March 31, 2021.

The minutes of the meeting was confirmed as circulated

2. Matters arising out of the minutes of the above meetings

Item No. 4 – Courses to be floated in Semester 1, 2021-22: The request of Prof. Ziauddin S. Ahammad to reconsider the allotment of course assigned to him was deferred for consideration in a subsequent DFB meeting when he is able to join in the meeting.

Item No. 5 – Departmental Budget for FY 2021-22: The HoD informed the board about the interim allocation of funds under PLN03 and NPN05 to the Department (<https://beb.iitd.ac.in/Budget-2021-2022-PLN03-and-NPN05.pdf>). It was also informed that the final budget allocation is soon expected after the Institute finalizes the budget.

Item No. 6 – Status of purchases from funds allocated under IoE grant: The HoD apprised the members on the current status of purchases (**Annexure 1**) and requested the buyers to expedite the process.

Item No. 8a – Lab space (I-232A): The Board recommended that the lab space (I-232A) assigned to Prof. Ishaan Gupta and Prof. Madhuresh Sumit should be immediately made available to them.

Item No. 8d – Bio-X Cluster Common Area: The Board was informed about the approval obtained from Deputy Director (S&P) for utilization of Bio-X Cluster Common space (<http://privateweb.iitd.ac.in/~sundar/space/20210525-Bio-X-Cluster-common-space-usage-Approval-for-DBEB-KSBS-and-CBME.pdf>)

3. M.Tech Major Project Part 1 (BBD851) – Student Project Allocation

As decided in a meeting of the DRC (07/2020-2021), inputs were sought from the students and the board approved the student project allocation as given in **Annexure - 2**.

4. B.Tech Major Project Part 1 (BBD451) – Student Project Allocation

Prof. Ishaan Gupta, the BTP Coordinator, briefed the members about the model to be used for student project allocation algorithmically. It was decided that the BTP Coordinator would seek relevant information from the students to accommodate their preferences to the extent possible and complete the matching of students with faculty supervisors algorithmically, before the start of Sem 1, 2021-2022.

5. Requests received from students for offering courses during the Summer Semester 2020-2021 in 'Self-Study' mode.

The Board was informed by the HoD about the increased number of applications that have been received from UG students for doing courses in the Summer Semester 2021 in the 'Self Study' mode. The Board was of the opinion that 'Self Study' is normally not acceptable and this option is to be made available only when it is 1 or at the maximum 2 courses that are pending for meeting graduation requirements. There was a unanimous view that this has to be generally discouraged, especially for core courses, and it is not to be used as a practice.

It was agreed that if any request, upon examination, makes logical academic sense and if the DUGC feels convinced about meeting graduation requirements, the course may be offered in the Summer Semester. However, this will be completely contingent upon any Course Coordinator's concurrence to offer the Course after the recommendation by DUGC.

6. Proposal for TK Ghose Memorial Award for Best PhD thesis in Biochemical Engineering and Biotechnology.

The Board welcomed the proposal from the departmental alumni for instituting this award in the honor of Prof. TK Ghose. It was recommended that the procedure being followed by the Institute for awarding the best PhD thesis be adopted for this award too. As laid out in the proposal received, the board was also of the opinion that domain experts from outside the Institute be included in the Selection Committee to draw up the selection process and criteria.

7. Feedback to be provided to Dean (Faculty) on the proposed Faculty Strength sanctioning methodology

The proposal floated by the Dean (Faculty) was presented to the Board by the HoD and Prof. Madhuresh Sumit. After a detailed discussion, it was recommended the faculty strength calculation that included a scenario where (a) the Department commits offering the ChE-based courses after the next curriculum revision (from 2023), which are currently being offered by the DChE and (b) a new MTech proposal that has already gone through one round review by the Expert Committee. The HoD was authorized to submit this proposal to the Office of Dean (Faculty).

8. Feedback to be provided to Deputy Director (S&P) on the Report of the National Education Policy (NEP) Implementation Committee of the Institute

The board deliberated on the key points highlighted by the NEP Implementation Committee of the Institute. A summary of the discussion was decided to be submitted to the Deputy Director (S&P).

9. Matters for information of the DFB.

None

10. Any other item with the permission of the Chair.

- a) The HoD requested that the recording and completion of annual performance appraisal reports of the staff members of the department for the CY 2020 is to be completed soon. It was requested that all the Reporting Officers record their observations and forward it to the HoD (Reviewing Officer) by July 30, 2021.
- b) The HoD informed about the email received from the Head of the Department of Chemical Engineering requesting owning up of the ChE courses that are part of the core curriculum of our B.Tech Program. Considering that the next curriculum revision process will soon be implemented in the next couple of years, the Board of the opinion that our department itself would be able to manage the courses from 2023 onwards and take over the course load that is currently being handled by the ChE Dept/Faculty to our DBEB UG students
- c) The Board agreed to the proposal of Prof. KJ Mukherjee becoming the Lab in-charge of the *Biochemical Research Laboratory* (BRL). Prof. Saroj Mishra, who is currently managing the lab, was requested to hand over the charge to Prof. KJ. Mukherjee.

The meeting ended with a vote of thanks to the Chair.

Ritu Kulshreshtha
Convener, DFB

Distribution

All Faculty (by email)

Current status of purchase of Items sanctioned under IoE

Item 1 : Sensors for pre-existing reactors (Rs. 60 lacs)

		Current Status
Chairperson	To be nominated by the Director	Request not yet made to the Director
Buyer	Atul Narang	<ul style="list-style-type: none"> PFC yet to be made on the ACSS system Update to be provided by the Buyer
Expert 1	KJ Mukherjee	
Expert 2	Ashish Misra	
Other Member	AR/DR Accounts	
Other Member	AR/DR Stores	

Item 2 : Microbioreactor (Rs. 60 lacs)

		Current Status
Chairperson	To be nominated by the Director	Prof. James Gomes (KSBS)
Buyer	Ravikrishnan Elangovan	<ul style="list-style-type: none"> GTE approval (for receiving financial bids in multi currency) received from Ministry on June 02 Global Tender publication status?
Expert 1	KJ Mukherjee	
Expert 2	Ashish Misra	
Other Member	AR/DR Accounts	
Other Member	AR/DR Stores	

Item 3 : Multiplexed GC-MS (Rs. 50 lacs)

		Current Status
Chairperson	To be nominated by the Director	Prof. A. Ramanan (CHEM)
Buyer	Ashish Misra	<ul style="list-style-type: none"> Update to be provided by the Buyer
Expert 1	KJ Mukherjee	
Expert 2	Atul Narang	
Other Member	AR/DR Accounts	
Other Member	AR/DR Stores	

Item 4 : NIR with probes (Rs. 20 lacs)

		Current Status
Chairperson	Rohan Jain	<ul style="list-style-type: none"> <li style="color: red;">PFC yet to be made on the ACSS system
Buyer	KJ Mukherjee	
Expert 1	Ashish Misra	
Expert 2	Atul Narang	

Item 5 : Spectrofluorimeter with probe (Rs. 20 lacs)

		Current Status
Chairperson	Ravikrishnan Elangovan	<ul style="list-style-type: none"> Approval from DDO obtained on May 27 NIQ Uploaded
Buyer	Rohan Jain	
Expert 1	KJ Mukherjee	
Expert 2	Prashant Mishra	

Department of Biochemical Engineering and Biotechnology

AY 2021-2022

BBD851 – M.Tech Major Project Part 1 – Student Project Allocation

Sl. No.	Entry Number	Student	Faculty Mentor
1	2017BB50052	Achintya Srivastav	Prof. Ashish Misra
2	2016BB50005	Ayush Chachan	Prof. Atul Narang
3	2017BB50057	Kartikey Karnatak	Prof. Ishaan Gupta
4	2017BB50051	Diwakar Kamal	Prof. KJ Mukherjee
5	2017BB50053	Aniket Patel	Prof. Madhuresh Sumit
6	2017BB50065	Vikas Singhal	Prof. Prashant Mishra
7	2017BB50054	Anuj Khandelwal	Prof. Preeti Srivastava
8	2017BB50059	Narendra Meena	Prof. Ravikrishnan Elangovan
9	2017BB50062	Priyanshi Rajput	Prof. Ritu Kulshreshtha
10	2017BB50060	Kshitij Sahu	Prof. Rohan Jain
11	2017BB50058	Mrigank Nehra	Prof. Shaikh Z. Ahammad
12	2017BB50064	Surendra Firoda	Prof. Sreekrishnan TR
13	2017BB50055	Anirudh Modi	Prof. Sundar D
14	2017BB50056	Harsheet Chaudhary	Prof. Sunil Nath