

## Department of Biochemical Engineering and Biotechnology

### Faculty Board Meeting (4/15-16)

Dated: 18<sup>th</sup> January 2016

Minutes of the 4<sup>th</sup> Departmental Faculty Board Meeting held on 11<sup>th</sup> January 2016 at 3.00 pm in the Departmental Committee Room (I-230). Following members were present:

1.	Prof. Prashant Mishra	Chairman
2.	Prof. Subhash Chand	Member
3.	Prof. V.S. Bisaria	Member
4.	Prof. G.P. Agarwal	Member
5.	Prof. A.K. Srivastava	Member
6.	Prof. Saroj Mishra	Member
7.	Prof. T.R. Sreekrishnan	Member
8.	Prof. Sunil Nath	Member
9.	Prof. P. K. Roychoudhury	Member
10.	Prof. Atul Narang	Member
11.	Dr. D. Sundar	Member
12.	Dr. Shilpi Sharma	Member
13.	Dr. Ritu Kulshreshtha	Member
14.	Dr. Ravikrishnan Elangovan	Member
15.	Dr. Z. Ahammad	Member
16.	Dr. Ashish Mishra	Member
17.	Dr. Preeti Srivastava	Convener

At the outset of meeting Head welcomed Dr. Ashish Mishra, who has joined the Department.

#### 1. **Confirmation of minutes of 3<sup>rd</sup> DFB meeting (3/2015-2016).**

The minutes were confirmed as circulated.

#### 2. **Matters arising out of above meeting**

Item No. in FBM meeting 03/2015-	Item	Decision taken	Action taken

16			
4	Feedback from class committee meetings	It was decided to forward the feedback of 2015 entry students to the concerned Heads of other Departments.	The feedback has been communicated to the respective Head of Departments

### 3. Report on discussion in ECS, BAP, ACL, Safety and other Committee

Head informed the board that any agenda related to ACL may be submitted by 13<sup>th</sup> January to Prof. Atul Narang, member ACL. Head also briefed about the discussions held in the ECS meeting.

### 4. Courses for semester II (2015-16).

The list of courses to be offered in the semester I (2015-16) are detailed in Annexure I. The following courses will be dropped in view of the low number of registrations:

Courses	No. of Registrations
BEL411	1
BBL343	1
BER350	3

A committee consisting of the following members was formed for the evaluation of the non-credit design courses

Prof. T.R. Sreekrishnan

Prof. G.P. Agarwal

Dr. Ashish Mishra

### 5. Discussion on disposing off of old journals from Departmental library

The board has discussed to dispose of old journals which is occupying a large space. In view of online availability and perpetual access to these journals it was decided to keep the copies of only those issues of the journals which are not available online. Further, the board decided to retain all the issues of the journals Biotechnology and Bioengineering and Scientific American.

**6. Lab allotment to PhD and MS R students.**

Detailed in Annexure II

**7. Allotment of TAs to PhD, MS R and M. Tech students**

Detailed in Annexure III & IV

**8. Discussion on a note received from DDO on surrendering the locked up/unutilized space of various Departments**

Head informed the board that a note has come from DDO on surrendering the unutilized space and suggested that all the space available to the Department should be utilized judiciously.

**9. Discussion on a note received from Dr. Pulak Pandey, Coordinator, Staff Technical training on training needs for Technical staff (Sub-Group-I).**

Head informed the board that if there is any specific suggestion for technical training of staff, this may be communicated to Coordinator, Staff Technical Training.

**10. Expansion of core committee of Unnat Bharat Abhiyan cell of IIT Delhi.**

Prof. G.P. Agarwal has been nominated for the Unnat Bharat Abhiyan cell.

**11. Implementation of 4-cycle Time table**

Head informed the board about the 4 cycle time table being implemented from semester II ( 2015-16).

**12. Comments / feedback on following proposal to float new elective courses by**

**i) Department of Electrical Engineering**

- a) **ELL 755 Variable Reluctance machines**
- b) **ELL 756 Special Electrical machines**
- c) **ELL 764 Electric Vehicles**
- d) **ELL 765 Smart Grid Technology**
- e) **ELL 766 Appliance system**
- f) **ELL 767 Mechatronics**
- g) **ELL 769 Electrical systems for construction Industries**

**ii) Department of Applied Mechanics**

- a) **APL 815 Hydrodynamic Stability**

There were no comments received on the above courses

**13. Any other item with the permission of the Chair**

(i) Head informed the board that the term of the Institutional Biosafety committee is over. The board proposed that the same committee be renewed for the next three years.

(ii) Dr. Zia informed the board that three applications were received for mini project. It was decided to keep the mini project open only to students who are 2012 entry and with a minimum CGPA of 8.0.

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

Preeti Srivastava  
Convener

**All Faculty members**

Annexure I  
Courses to be offered in II semester (2015-2016)

Slot	Course No.	Description	L-T-P	Credit	Coordinator/ Associated Faculty
H	BEL401/BBL431	Bioprocess Technology (DC)	2-0-0	2.0	VSB
E	BBL432	Fluid Solid Systems (DC)	2-0-0	2.0	ZAS
C	BBL433	Enzyme Science and Engineering (DC)	3-0-2	4.0	RE/ SC/AM
F	BBL434/BEL418	Bioinformatics (DC) /DE1	2-0-2	3.0	DS
B	BEL702	Bioprocess Plant Design (DC)	3-0-4	5.0	TRS
F	BEL703	Downstream Processing in Biotechnology (DC)	3-0-4	5.0	SN / GPA
J	BBL341	Environmental Biotechnology (DE2)	3-0-0	3.0	SS / ZAS*
E	BEL712	Plant Cell Technology (PE2)	2-0-2	3.0	AKS
E	BEL721	Bionanotechnology (PE2)	3-0-0	3.0	PM
D	BEL718	Combinatorial Biotechnology (PE1)	3-0-0	3.0	PS
H	BEL713	Microbial Engineering (PE3)	3-0-0	3	AN
D	BBL749	Cancer Cell Biology (PE1)	3-0-3	4.5	RK
H	BBL750	Genome Engineering (PE3)	2-0-2	3	PS / SM/ SO
P	BES350	Independent Study (BB)	0-3-0	3.0	PM
E	BER350	Professional Practices (BB)	0-1-2	2.0	VSB
P	BEC750	Seminar (BB)	1-0-0	0.0	RE
P	BED800	Major Project	0-0-80	40.0	RK
P	BED851	Major Project Part 1 (BB)	0-0-12	6.0	SS
P	BED852	Major Project Part 2 (BB)	0-0-28	14.0	SS
P	BED 853	Major Project Part 1 (BB)	0-0-12	6.0	SS
P	BED854	Major Project Part 2 (BB)	0-0-32	16.0	SS
P	BET450	Practical Training (BB)	0-0-0	0.0	PM
P	BBQ301	Seminar Course - I	0-0-2		VSB
P	BBQ302	Seminar Course – II	0-0-2		RE
P	BBQ303	Seminar Course - III	0-0-2		MNG
P	BBQ304	Seminar course-IV	0-0-2		PKRC

\*ZAS (8 lectures)

## ANNEXURE II

### **Lab allotment to departmental PhD students (2015 entry)**

<b>S. No.</b>	<b>Reg #</b>	<b>Student</b>	<b>Supervisor</b>	<b>Lab</b>
1	2015BEZ8004	Upma Singh	SS	Metagenomics lab
2	2015BEZ8001	Deepak K Prasad	ZA	WTL
3	QIP	Biju Jacob	AN	Bioscience & Process Lab

### **Lab allotment to departmental MS (R) students (2015 entry)**

<b>S. No.</b>	<b>Reg #</b>	<b>Student</b>	<b>Supervisor</b>	<b>Lab</b>
1	2015BEY7502	Anjani Kumari	DS	Molecular Modelling
2	2015BEY7503	Asmita Pandey	VSB	Pilot Plant
3	2015BEY7504	Gopal Roy	TRS	Process/COE
4	2015BEY7505	Kamakshi Gupta	AKS	COE/Process
5	2015BEY7506	Radhika Khera	SM	BRL
6	2015BEY7507	Shikha Gupta	RK	RNA II

### ANNEXURE III

Allotment of TAs to Ph.D. and M.S. (R) students (Semester II, 2015-2016)

Course / Faculty / Lab	Student
BBL 433/ Enzyme science and engineering	Vidhu S, Gaurav Mallik, Shudodhana
BBL432/ Fluid Solid systems	Siddhi
BBL 434/ Bioinformatics	Jaspreet Dhanjal, Shashank Katiyar, Vidhi Malik, Anjani
BEL702/Bioprocess plant design	Ashish Lohar, Manisha Lamba
BEL401/Bioprocess Technology	Asmita Pandey
BEL 703/ Downstream processing in Biotechnology	Gopal Roy, Shikha Gupta, Radhika Khera
BEL 712/ Plant cell Technology	Anveshika Aditya
Process Lab	Siddhi
Plant Cell Culture Lab	Anveshika, Jitendra S. verma
BBL749/ Cancer cell biology	Onkar Vinchure, Sonam Takkar
BBL750/ Genome engineering	Sakshi Aggarwal, Pooja Murarka, Ankur Kumar, Tanaya Bagga
BTIS	Shayoni Dutta, Shashank Katiyar
WTLI	Aditya P. Soni, Sonia Gupta
WTL II	Deepak K Prasad
Metagenomics lab	Gautam
Enzyme Engg Lab	Sanjay Singh, Surbhi Goel
Molecular Modelling Lab	Jaspreet Kaur Dhanjal
Protein Engg Lab	Neeti
RNA I	Ankur Kumar
RNA II	Shilpi Jain, Ritesh Kumar Aggarwal
Bioscience lab	Ritesh Agarwal
Pilot Plant	Shraddha Maitra
BRL	Arpita, Mool Chand, Radhika Khera
DSP Lab	Sunil Kumar
COE Lab	Lovely, Raju Kumar, Sanjay Kumar, Kamakshi Gupta

## ANNEXURE IV

### Allotment of TAs hip to final year dual degree students (Semester II, 2015-2016)

S.No	Entry #	Student	Supervisor(s)	TA ship
1	2011BB50001	Amit Prakash	GP Agarwal	BBL432
2	2011BB50002	Amit Kumawat	Prashant Mishra	PM
3	2011BB50003	Anandu S Mukundan	Ravikrishnan E	BBL433
4	2011BB50004	Anirudh Mittal	Ziauddin Ahammad	BBL703
5	2011BB50005	Anshika Gupta	Ritu Kulshreshtha	BBL749
6	2011BB50006	Archit Raj	AK Srivastava	BEL712
7	2011BB50007	Ashish Nain	Ravikrishnan E	BBL433
8	2011BB50008	Ashish Gangwar	GP Agarwal	BEL703
9	2011BB50009	Ashutosh Mishra	AK Srivastava	BEL712
10	2011BB50010	Atul Choudhary	Shilpi Sharma	SS
11	2011BB50011	Avantika Choudhary	Saroj Mishra	BRL
12	2011BB50012	Avinash K. Bharti	Atul Narang	AN
13	2011BB50014	Charul Agrawal	Ritu Kulshreshtha	BBL749
14	2011BB50015	Chhavi Gupta	AK Srivastava	BEL712
15	2011BB50016	Devesh Mohnot	VS Bisaria	BEL401
16	2011BB50017	Gaurav Ghosh	GP Agarwal	BEL703
17	2011BB50018	Girish Mittal	TR Sreekrishnan	BEL702
18	2011BB50019	Inukurthi Manoj	GP Agarwal	BEL703
19	2011BB50021	Jitender Kumar	Saroj Mishra	BRL
20	2011BB50022	Jyoti	Z. Ahammad	ZA
21	2011BB50023	Kalki Kukreja	Ravikrishnan E	BBL433
22	2011BB50024	Kokkula Prashanth	Preeti Srivastava	BBL750
23	2011BB50025	Komal Saini	AK Srivastava	BEL712
24	2011BB50027	Md Aamir Meraj	Preeti Srivastava	BBL750
25	2011BB50028	Meghank Garg	AK Srivastava	BEL712
26	2011BB50030	Ms Anita Bai Meena	Prashant Mishra	PM
27	2011BB50031	Nikita Gupta	TR Sreekrishnan	BEL702
28	2011BB50032	Parth Garg	TR Sreekrishnan	BEL702
29	2011BB50033	Payal Jawalkar	MNG/ PM	PM
30	2011BB50035	Rahul Kumar	Sunil Nath	SN
31	2011BB50036	Saorabh Kumar	Prashant Mishra	BEL721
32	2011BB50037	Shashank Karnawat	Z. Ahammad	ZA
33	2011BB50038	Siddhant Malviya	Preeti Srivastava	BBL750
34	2011BB50042	Varsha Kumari	Atul Narang	AN
35	2011BB50043	Vikrant Mehta	Prashant Mishra	BEL721
36	2011BB50044	Vinayak Maheshwari	Shilpi Sharma	Process lab
37	2011BB50045	Vinayak Shandilya	Prashant Mishra	PM
38	2011BB50046	Vishal Sanduja	VS Bisaria	Pilot Plant
39	2011BB50047	Yogita Meena	VS Bisaria & SS	Pilot Plant
40	2011BB50013	Chandel Angad Singh	D. Sundar	BBL434
41	2011BB50013	Jai Prakash	GP Agarwal	BEL703
42	2011BB50020	Jasmeet Singh	Z. Ahammad	ZA



