



श्री माता वैष्णो देवी विश्वविद्यालय

Shri Mata Vaishno Devi University  
Sub Post Office, Kakryal (Katra) – 182 320

## (DEPARTMENT OF BIOTECHNOLOGY)

SMVDU/DoBT/17/ 819

12.09.2017

### MINUTES OF THE 7<sup>TH</sup> MEETING OF BOARD OF STUDIES (BoS) OF DEPARTMENT OF BIOTECHNOLOGY (DoBT), SMVDU

The 7<sup>th</sup> Meeting of Board of Studies (BoS) of Department of Biotechnology (DoBT), SMVDU was held on 12.09.2017 in the Conference Hall of DoBT, SMVDU at 10.30 AM in which various Academic matters related to UG and PG courses offered by Department of Biotechnology were discussed.

Following are the members of Board of Studies (BoS) :

- |   |                          |  |
|---|--------------------------|--|
| 1 | Prof. V.K. Bhat          | Professor, Dean, FoS<br>Chairman ( <i>Ex-Officio</i> ), BoS of DoBT  |
| 2 | Prof. V. Verma           | Professor, Head, DoBT & Dean, FoE<br>Vice-Chairman, BoS of DoBT  |
| 3 | Dr. G.S. Prasad          | Chief Scientist n& Head MTCC<br>CSIR-Institute of Microbial Technology,<br>Chandigarh<br>Member Expert, BoS of DoBT                                |
| 4 | Prof. M.V. Deshpande     | Emeritus Scientist, & Professor, AcSIR,<br>Biochemical Sciences Division, CSIR-National<br>Chemical Laboratory, Pune<br>Member Expert, BoS of DoBT |
| 5 | Dr. Ajay Koul            | Assistant Professor, DoCSE<br>Invited member, BoS of DoBT  |
| 6 | Dr. Sharada M. Potukuchi | Associate Prof., Academic Coordinator, DoBT &<br>Member Secretary, BoS of DoBT   |
| 7 | Dr. Ratna Chandra        | Assistant Professor, DoBT  |
| 8 | Dr. Anil Kumar           | Assistant Professor, DoBT  |
| 9 | Dr. Preeti Sharma        | Assistant Professor, DoBT  |

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10	Dr. Shafaq Rasool	Assistant Professor, DoBT
11	Mr. Parvez S. Slathia	Assistant Professor, DoBT
12	Mr. Arvind Yadav	Assistant Professor, DoBT
13	Dr. Indu Bushan	Assistant Professor, DoBT
14	Dr. Raju Shankarayan	Assistant Professor, DoBT
15	Dr. Vinod Singh	Assistant Professor, DoBT
16	Dr. Swarkar Sharma	Assistant Professor, DoBT
17	Dr. Ekta Rai	Assistant Professor, DoBT
18	Dr. Rakesh Kumar	Assistant Professor, DoBT
19	Dr. Narendra K. Bairwa	Assistant Professor, DoBT

Dr. Samantha Vaishnavi, Asstt. Prof. DoBT could not attend the meeting since she is on Extraordinary Leave for two years w.e.f. Aug., 2016.

Prof. Verma informed that the External Experts Members, Dr. G.S. Prasad, Chief Scientist & Head MTCC, CSIR-Institute of Microbial Technology, Chandigarh and Prof. M.V. Deshpande, Emeritus Scientist & Professor, AcSIR, Biochemical Sciences Division, CSIR-National Chemical Laboratory, Pune could not attend the meeting since it was organized at very short notice.

#### 7.1 Welcome of new Members by the Chair

Prof. V. Verma, Head, DoBT, Vice Chairman of BoS welcomed Prof. V.K. Bhat, Dean, Faculty of Sciences, Chairman (*Ex-Officio*); Dr. Ajay Koul, Assistant Professor, DCSE, SMVDU Invited Member and all the faculty members of DoBT present in the meeting and thanked them for making it convenient to provide valuable inputs in person and by E-mail (External Experts) at short notice.

Following agenda items related to BoS of DoBT were discussed and deliberated and after detailed discussions/ deliberations, the recommendations of the Committee are given below. The agenda items which were discussed during this meeting and the changes suggested are also tabulated with suitable justification and annexed herewith as **Annexure-A**.



**7.2 Consider and modify minutes of 6<sup>th</sup> BoS meeting and the 1<sup>st</sup> Curriculum Review of Workshop held on May 26, 2016**

The minutes of the 6<sup>th</sup> meeting of Board of Studies (May 26, 2016) were circulated to all the BOS members. Since no comments had been received from any members, the same were unanimously approved (copy of Minutes annexed at Annexure B).

**Agenda Item No. 1**

**7.3 Modification in Contents and Course Titles of M. Sc. (Biotechnology) All Semesters for Session 2017-19**

The complete Course Contents (including details of course contents) of pattern followed for Session 2016-18 is placed at Annexure C. A perusal of the Curriculum shows that Sem-II of the program has a heavy work load of 29 credits and after detailed deliberations it was decided to shuffle some of the courses. The details of changes suggested, justifications and approved courses are listed in Annexure A and also listed below.

1. Dropping of the course IPR (BTL6412) with immediate effect .
2. Merging of Theory and Lab courses so that hence forth they shall have the same Course Code.
3. Shuffling of courses so that a given Semester has a maximum of 5-6 courses.

The revised Course Curriculum proposed for students admitted to batch 2017-19 is placed alongside as Annexure D for further approval.

In this regard, the External Expert members Dr. G.S. Prasad suggested through email to add new reference books in course context of M. Sc & B. Tech Program. Prof. M. V. Deshpande suggested for planning an industrial visit for students of DoBT to NCL, Pune and neighboring industries in Pune.

**Agenda Item No.2**

**7.4 To consider and approve the floating of new program in M. Sc. (Biochemistry) by DoBT**

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Prof. V.K. Bhat suggested that it was appropriate to initiate the process for floating a new Program in M. Sc. (Biochemistry) to be offered by DoBT. The detail syllabus for the said Program shall be prepared & presented in the next BoS of DoBT well in time so that it could be initiated in the Academic session 2018-19 for subsequent approval.

**Agenda Item No. 3:**

**7.5 To consider the proposal for reframing of B. Tech. (Biotechnology) Program**

Prof. V.K. Bhat suggested that the proposal of reframing of B. Tech. (Biotechnology) Program process should be started in due course of time and proper justification made for admitting students to B. Tech. (Biotechnology) Program with a strong background.

The course structure of B. Tech. (Biotechnology) program should be suitably modified keeping in relevance with the courses offered by other reputed Institutes/Universities within the country and abroad, for subsequent approval for next meeting of BoS of DoBT.

**Agenda Item No. 4**

**7.6 To consider the proposal for inclusion of new Elective courses in M. Sc. (Biotechnology) from Academic Session 2017-18 onwards**

With reference to recent development in various areas of Biotechnology and upcoming new subjects and disciplines, need was felt for introduction of new electives in M. Sc. (Biotechnology) Program. The details of the approved Electives are placed at Annexure D.

**7.7 Any other item with the permission of the chair**

1. Prof. V.K. Bhat and Prof. V. Verma suggested that all the course contents in B. Tech and M. Sc Programs offered by DoBT should be divided into three units e.g. Section A, B, CD. All Faculty members & respective Course Coordinators of DoBT, should divide the course contents as per syllabus for Minor and Major Exams.
2. Dr. Ajay Koul, Asst. Prof., Department of Computer Science Engineering (DoCSE) suggested that algorithm, database, image processing, DNA sequence based Elective

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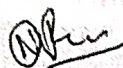
courses should be initiated in B. Tech and M. Sc Program of DoBT or can also be considered as certificate courses.

### 7.8 Vote of thanks

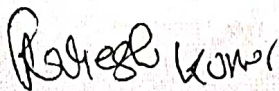
The meeting ended with the vote of thanks to the Chair.

Based on the observations made by the experts and members of BoS of DoBT, the proposed revisions in the course curriculum are finally recommended for discussion and approval in the next scheduled Academic Council meeting of the University.

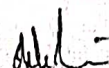
Meeting ended with Vote of Thanks to Experts and Faculty Members of the Department.



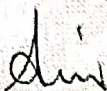
Dr. Narendra Bairwa  
Asstt. Professor  
Member



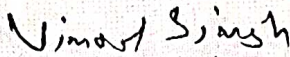
Dr. Rakesh Kumar  
Asstt. Professor  
Member



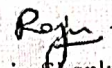
Dr. Ekta Rai  
Asstt. Professor  
Member



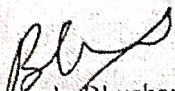
Dr. Swarnkar Sharma  
Asstt. Professor  
Member



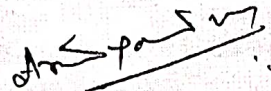
Dr. Vinod Singh  
Asstt. Professor  
Member



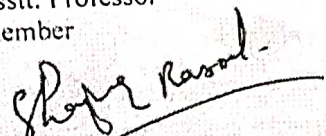
Dr. Raju Shankarayan  
Asstt. Professor  
Member



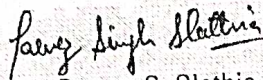
Dr. Indu Bhushan  
Asstt. Professor  
Member



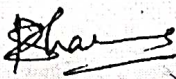
Dr. Arvind Yadav  
Asstt. Professor  
Member



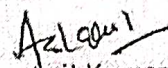
Dr. Shafaq Rasool  
Asstt. Professor  
Member



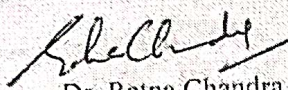
Mr. Parvez S. Slathia  
Asstt. Professor  
Member



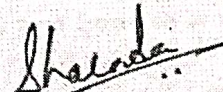
Dr. Preeti Sharma  
Asstt. Professor  
Member



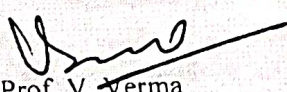
Dr. Anil Kumar  
Asstt. Professor  
Member



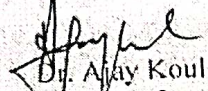
Dr. Ratna Chandra  
Asstt. Professor  
Member



Dr. Sharada M. Potukuchi  
Assoc. Professor  
Member

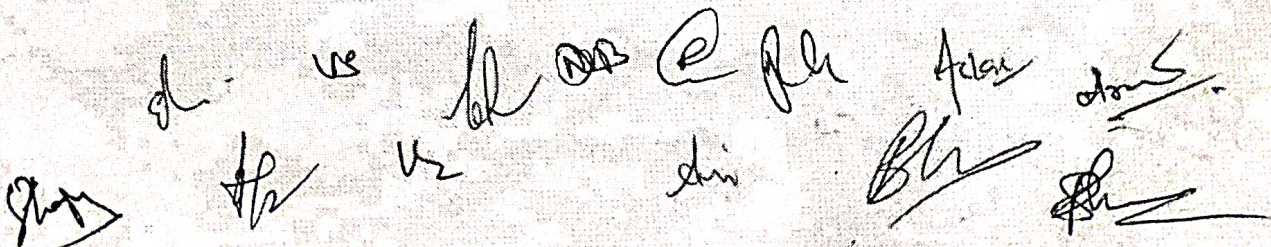


Prof. V. Verma  
Head, DoBT  
Vice-Chairman



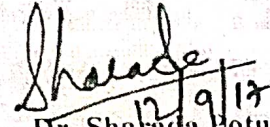
Dr. Ajay Koul  
Asstt. Professor, DoCSE  
Expert Member

Prof. V.K. Bhat  
Dean, FoS  
Chairman





Submitted for your kind consideration & approval of the same in the forthcoming Academic Council meeting.

  
12/9/17

Dr. Sharada Potukuchi  
Member Secretary BoS, DoBT

  
Head, DoBT

**Copy to:**

1. Chairman, BoS of DoBT, SMVDU for kind information.
2. Registrar, SMVDU for kind information.
3. I/c Associate Dean (AA) for information.
4. PS to VC for kind information of Hon'ble Vice-Chancellor.
5. All members concerned for information by E-mail.
6. Record/ Office file.