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**SRI DHARMASTHALA MANJUNATHESHWARA COLLEGE (AUTONOMOUS), UJIRE – 574 240**

**DAKSHINA KANNADA, KARNATAKA STATE**

(Re-Accredited by NAAC at ‘A++’ Grade)

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**DEPARTMENT OF BIOTECHNOLOGY-UG**

**Proceedings of the BOS meeting**

Date: 09-02-2024

Time: 10.30 AM

Venue: Discussion Room

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| **AGENDA NO** | **AGENDA** |
| SDMCU/UG BIOTECH-BOS/2023-24/01/01 | Reading the minutes of the previous BOS meeting and action taken report |
| SDMCU/UG BIOTECH-BOS/2023-24/01/02 | Revision and Approval of the NEP syllabus:a) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethicsb) Identifying the Local, National and Global issues in the coursesc) Identifying skill /employability components |
| SDMCU/UG BIOTECH -BOS/2023-24/01/03 | Revision and Approval of OE/SEC/AECC/VAC courses if anya) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethicsb) Identifying the Local, National and Global issues in the coursesc) Identifying skill/employability components |
| SDMCU/UG BIOTECH -BOS/2023-24/01/04 | Review of results of previous Odd sem. exams and other achievements, feedback of the department. |
| SDMCU/UG BIOTECH -BOS/2023-24/01/05 | Approval of New Courses introduced in the department |
| SDMCU/UG BIOTECH -BOS/2023-24/01/06 | Approval of Programme conducted in the Department* Field Project
* Research Project
* Internship
 |
| SDMCU/UG BIOTECH -BOS/2023-24/01/07 | Finalizing the list of examiners |
| SDMCU/UG BIOTECH -BOS/2023-24/01/08 | Any other matter |

**Members Present**:

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Name & Address** | **Designation** |
|  | Mr. Abhijeeth S BadigerHOD, Department of Biotechnology SDM College Ujire | Chairperson |
|  | Dr. Avila D’Silva Director EUCHEM Biologicals Pvt. Lt. Udupi | Industrial Representative |
|  | Dr. Chethan J D Assistant Professor Department of PG studies in Biotechnology & Microbiology Karnataka University Dharwad | Subject Expert |
|  | Dr. Kumarswamy H M Associate ProfessorDepartment of PG studies in Biotechnology Kuvempu University Shankaraghatta | Subject Expert |
|  | Dr. Bharathi PrakashHOD & Associate ProfessorDepartment of Microbiology University College HampankattaMangalore | University Nominee |
|  | Mr. Leonard Clinton D’souza Research scholar NUCSER, Nitte University Paneer Campus Deralakatte | Alumni |
|  | Dr. Shrisha Naik BajpeAssistant ProfessorDepartment of Biotechnology SDM College, Ujire | Member |
|  | Ms. Arpana Assistant Professor Department of Biotechnology SDM College, Ujire | Member |
|  | Ms. Aparna G ShenoyAssistant Professor Department of Biotechnology SDM College, Ujire | Member |
|  | Ms. HimabinduIII B.Sc., BiotechnologySDM College, Ujire | Student Representative |

**Members Not Present**: NIL

The Chairperson welcomed the members and presented the agenda.

**Agenda 1**

**Reading the minutes of the previous BOS meeting held on 18/08/2023 and action taken report**

The Chairperson read out the minutes of the previous meeting and action taken report. The following actions were taken based on the suggestions given by the members.

**Suggestion**

Board suggested not adding or deleting any topics, instead it can be reshuffled for the better understanding of the students.

**Action Taken**

Topics were reframed according to the suggestions

Board approved the minutes and action taken report

**Agenda 2**

**Revision and Approval of the NEP syllabus:**

**a**) Highlighting the issues of Gender Equity, Human Values, Environment, Professional Ethics

b) Highlighting the Local, National and Global issues in the courses

c) Incorporating skill components

The draft of the syllabus developed based on University syllabus and the feedback collected from the stakeholders was reviewed. The members noted all the components stated in the agenda and made the following decisions after considering the suggestions.

* To list out the topics related Gender equity, Human values, environment, Professional ethics; highlighting the local and national and Global issues and skill/employability components in the syllabus.
* Following changes were made according to the suggestions of the board

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| --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the course** | **Course code** | **Unit** | **Changes incorporated** |
|  | Cell Biology and Genetics | BTCT 101 | Unit IV | Polymorphism – Definition and its types was included |
|  | Biotechnology for human welfare | BTOE 101 | Unit III | ELISA, Monoclonal antibodies and human genome project were removed |
|  | Biomolecules practical  | BTCP 201 | Practical | Qualitative analysis of carbohydrates was added |
|  | Immunology | BTCT 351 | Unit II | * Chapter was renamed as introduction to molecules of immune system
* VDJ Gene segments and DNA rearrangements is reframed as Role of DNA rearrangements in antibody diversity
 |
|  | Immunology | BTCT 351 | Unit III | Monoclonal antibodies was added |
|  | Immunology | BTCT 351 | Unit IV  | Chapter name was renamed as Microbial infections in humans  |
|  | Bioprocess and Environment Biotechnology | BTCT 353 | Unit I | Topic was reframed as screening for industrially important microorganisms and strain improvement |
|  | Bioprocess and Environment Biotechnology | BTCT 353 | Unit II | Drying devices was renamed as drying methods |
|  | Bioprocess and Environment Biotechnology | BTCT 353 | Unit III | Use of Biosensors in pollution monitoring was reframed as use of sensors (Types and application) |
|  | Bioprocess and Environment Biotechnology Practical | BTCP 353 | Practical | Estimation of BOD and DO was added |

The Board approved the syllabus with the modifications suggested

**Further the board reviewed the number of courses highlighting employability and skill enhancement**

Number of courses focusing on employability and skill development are as given below

* Number of courses focusing employability
* Number of courses focusing skill development

The agenda was approved

(Annexure-1)

**Agenda 3**

**Revision and Approval of OE/SEC/AECC/VAC courses if any**

a) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethics

b) Identifying the Local, National and Global issues in the courses

c) Identifying skill/employability components

Board reviewed the syllabus of value added course and suggested to retain the syllabus

(Annexure-2)

**Agenda 4**

**Review of results of previous Odd sem. exams and other achievements, feedback of the department.**

Results of the previous odd semester was reviewed and it was noted that the passing percentage of III year students was 100, II year students was 95 and I year students was 66. It has been resolved to encourage the slow learners to improve their performance by assigning various academic activities like seminars, assignments etc.

Departmental achievements were reviewed and it has been acknowledged that Dr. Shrisha Naik Bajpe had been appointed as Deputy Controller of Examination (DCOE) and it was appreciated by the board.

Feedback of the department was analyzed and it was resolved to take necessary actions wherever there was scope for improvement.

**Agenda 5**

**Approval of New Courses introduced in the department**

New courses weren’t introduced by the department in the academic year

**Agenda 6**

**Approval of Programme conducted in the Department**

* Field Project
* Research Project
* Internship

The chairperson reported about the programs conducted by the department that included an institutional visit to the Animal lab and drug production unit of SDM Ayurveda College. The board approved the report and suggested to conduct industrial visits and also to visit research institutes.

**Agenda 7**

**Review and approval of the list of Examiners**

Board updated and approved the list of examiners and the updated list is enclosed with the report.

Ms. Arpana and Ms. Aparna G Shenoy (Assistant professor, Department of Biotechnology, SDM College Ujire) were included as internal members. Dr. Maruthi K R (Associate Professor, Department of Botany, Moulana Azad National Urdu University) and Ms. Smitha Blessie Rosario (Assistant Professor, Department of Microbiology, Yenepoya institute of Arts, Science & Commerce, Mangalore) were included as external members

Revised list is approved. (Annexure 3)

**Agenda 8**

**Any other matter**

Members made following suggestions

* To conduct research projects by introducing the students to proper research methodology.
* To make the students to participate in internships and summer projects.

It is resolved to incorporate the above suggestions

Meeting concluded with proposing vote of thanks to all the members.

 Sd/-

 Mr. Abhijeeth S Badiger

 (B.O.S Chairperson)