

E. Society's
Moolji Jaitha College

Autonomous College' Affiliated to
North Maharashtra University, Jalgaon.

Reaccredited Grade - A (CGPA : 3.15 - 3rd Cycle) |
Honoured "College of Excellence"
Biotechnology, Ministry of Science & Technology honoured
College" | DST(FIST) Assisted College



के. सी. ई. सोसायटीचे

मूळजी जेठा महाविद्यालय

क.ब.चौ. उत्तर महाराष्ट्र विद्यापीठ, जळगाव संलग्नित
'स्वायत्त महाविद्यालय'

नॅकद्वारा पुनर्मानकित श्रेणी - 'ए' (सी.जी.पी.ए. : ३.१५ - तिसरी केली)
विद्यापीठ अनुदान आयोगाद्वारा घोषित 'कॉलेज ऑफ एक्सेलन्स'
भारत सरकारच्या विज्ञान, तंत्रज्ञान, जैवतंत्रज्ञान विभागातर्फे
घोषित 'स्टार कॉलेज'। डी.एस.टी. (फीस्ट) अंतर्गत अर्धसहाय्य प्राप्त

Ref. No. MJAC/BOS-BIO-02/2019-20

Date 09/03/2020

Agenda for Second meeting of Board of Studies in Biochemistry scheduled on 19th March 2020 at 11:00 am

- To,
- 1) Prof. M. V. Kulkarni
 - 2) Dr. Z. H. Khan
 - 3) Dr. L. H. Kamble
 - 4) Dr. Nilesh Teli
 - 5) Dr. K. J. Patil
 - 6) Mr. Bharat Kharat

Notice is hereby issued that, the second meeting of Board of Studies in Biochemistry, Moolji Jaitha College (Autonomous) will be held on Thursday, 19th March, 2020 at 11:00 am. The venue for the meeting shall be Department of Biochemistry M.J. College, Jalgaon. Following items shall be discussed in the meeting.

Item No 1 : To read & confirm the minutes of previous meeting.


Item No 2 : To read & discuss the Action Taken Report.

Item No 3 : To prepare & approve the syllabus of S.Y. B.Sc. Biochemistry.

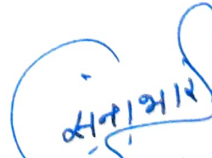
Item No 4 : To make minor changes in the syllabus of F.Y. B.Sc. Biochemistry sanctioned in the last Meeting of Academic Council.

Item No 5 : Any other item with the permission of Chair.

You are cordially invited to attend the meeting.


Dr. B. R. Kavimandan
Chairman
Board of Studies in Biochemistry





Dr. S. N. Bharambe
Principal
M. J. College
PRINCIPAL
M.J. College, Jalgaon
(Autonomous)

Knowledge is Power


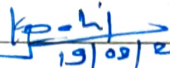
Meeting of BOS in Biochemistry

Second meeting of Board of Studies in Biochemistry is held on 19th March 2020 at 11:00 am in the Department of Biochemistry.

For this meeting following members were present:

1] Dr. B. R. Kawimandan (Chairman) 

2] Dr. K. J. Patil (member)

3] Dr. S. P. Kamble (member)  
19/03/2020

Following members were unable to attend this meeting due to outbreak of Corona Virus infection. These members telephonically sent their consent.

4] Dr. M. V. Kulkarni (member)

5] Dr. L. H. Kamble (member)

6] Dr. Z. H. Khan (member)

7] Dr. Nilesh Teli (member)

8] Mr. Bharat Khurad (member)

9] Dr. Rajesh Tawk (Invited Member)

Agenda :

Item NO. 1 : To read & confirm the minutes of previous meeting

Item NO. 2 : To read & discuss the Action Taken Report.

Item NO. 3 : To prepare & approve the syllabus of S.Y. B.Sc. Biochemistry.

Item NO. 4 :- To make minor changes in the syllabus of F.Y. B.Sc. Biochemistry sanctioned in the last meeting of Academic Council

Item NO. 5 :- Any other item with the permission of Chair.

The chairman welcomed all the members present and brief introduction of all members were given. The following points were discussed.

Item I: To read & confirm the minutes of the last Board of studies meeting held on 20th June 2019.

The chairman briefly spoke about the decisions taken at the previous meeting. In the last meeting following decisions were taken:

1. Felicitation of BOS members.
2. Approved structure for B.Sc. (Biochemistry)
3. Approved F.Y. B.Sc. (Biochemistry) syllabus.
4. Approved syllabus for certificate course in plant Tissue culture.
5. Nominated Dr. K.J. Pahl as member 48(3) (iv) of Maharashtra Public University Act 2016.

Resolution:-

We take the minutes of the last Board of studies in Biochemistry have been approved and passed. The chairman presented the agenda of this meeting and the business was transacted as per the agenda.

Item II: To read & discuss the Action Taken Report

Sr. No.	Particulars	Action Taken
1.	Structure for B.Sc. (Biochemistry)	Approved structure of B.Sc. (Biochemistry) forwarded to Academic Council for sanctioning.
2.	F.Y. B.Sc. (Biochemistry) syllabus	Approved F.Y. B.Sc. (Biochemistry) syllabus forwarded to Academic Council for sanctioning.
3.	Syllabus for certificate course in plant Tissue culture	Approved syllabus for certificate course in plant tissue culture forwarded to Academic Council for sanctioning.

4.	Nomination of member as per 48(3)(iv) of Maharashtra Public University Act 2016.	Dr. K.J. Patil was nominated as member 48(3)(iv) of Maharashtra Public University Act 2016.
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Item NO. III :- To prepare & approve the syllabus of S.Y. B.Sc. Biochemistry

- S.Y. B.Sc. (CBCS pattern) syllabus has been unanimously approved
- syllabus consist of four courses for each semester
 - o Food Biochemistry (Sem-I)
 - o Human physiology-I (Sem I)
 - o Microbial Isolation and Identification Techniques-I (Sem-I)
 - o Laboratory course (Sem-I)
 - o Environmental Biochemistry (Sem-II)
 - o Human physiology-II (Sem. II)
 - o Microbial Isolation and Identification Techniques-II (Sem II)
 - o Laboratory course (Sem II)

- Focus on employability / entrepreneurship / skill development
 - o Food Biochemistry course consists of four units based on food adulteration, spoilage, contamination, preservation, food allergy, additives, energy value etc. which has wide applications in food industries.
 - o Environmental Biochemistry course has focus on various types of pollutions, their control measures, biodegradation, bioremediation, bioenergy, environmental toxicology.
 - o All types of industries have to control pollutions and for this there is huge requirement of concern knowledgeable manpower.

- New courses introduced
 - o Above courses are totally new as this S.Y. B.Sc. (Biochemistry) syllabus is first syllabus to be implemented under autonomy.

Resolution -

S.Y. B.Sc. (Biochemistry) syllabus under autonomy was discussed thoroughly by the committee members. Courses and course contents were finalized as per considering the current need. Syllabus was

Compared with various university syllabi and unanimously approved the syllabus. The approved syllabus is presented in Annexure NO. I and forwarded to Academic Council for sanctioning.

Item IV :- To make minor changes in the syllabus of F.Y. B.Sc. Biochemistry sanctioned in the last meeting of Academic Council.

- F.Y. B.Sc. practical course (BC-113 and BC-123) for both semesters consists of 15 practicals.
- The credit for this course is 2, hence according to credits allotted the number of practicals are more and number of working days are insufficient to complete the course.

Resolution -

All members were agreed that time frame allotted for completion of 15 practical is insufficient and hence collectively decided to put a note "to perform any 10 practical out of 15" in the syllabus of F.Y. B.Sc. (Biochemistry).

Item V :- Any other item with the permission of Chair.

- A) Review of Existing Curricular and Co-curricular process (during the previous year)
- (1) Review completion of the syllabi and Continuous Internal Assessment (CIA)

- Syllabus is completed in the given time frame and the continuous internal assessment was done through the internal examinations, assignments and practical performance. Members expressed their satisfaction about completion.

(2) Review of Co-curricular activities

- S.Y. and T.Y. B.Sc. students have actively participated in blood group detection camp at Swami Vivekanand Junior college, Jalgaon on 28-12-2019. About 184 students have checked their blood groups.

- S.Y. B.Sc. students have visited Ghotwalkar blood bank and

Robot pathology on 30-12-2019.

- T.Y. B.Sc. students (02) from the department have participated in district level Anishkar on 30-12-2019.
- T.Y. B.Sc. students have visited Yawal sanctuary (forest at Langda Amba), on 18-19 Feb. 2020. Visit was intended to study animal and plant biodiversity.

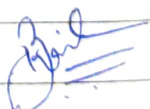
(3) POs, PSO's and LOs

- POs, PSO's and LOs were prepared as per local, national, regional and global developmental needs eg. PSO's of B.Sc. (Biochemistry) are mentioned in Annexure No-II.

(B) Curriculum enrichment

- syllabus/course integrates cross-cutting issues relevant to professional ethics, gender, human values, environment and sustainability
 - o Environmental Biochemistry course integrates cross cutting issue - environment and sustainability.
- plan activity to integrate above cross cutting issues.
 - o celebration of Ozone day/ Environment day.
- plan to introduce field projects/internships/student projects
 - o At least 3-5 ~~projects~~ students from the department will be involved in this activity.

The meeting concluded with vote of thanks to the Chair


Chairperson

Board of studies in Biochemistry