

K. C. E. Society's
Moolji Jaitha College

An 'Autonomous College' Affiliated to
K.B.C. North Maharashtra University, Jalgaon.

NAAC Reaccredited Grade - A (CGPA : 3.15 - 3rd Cycle)
UGC honoured "College of Excellence" (2014-2019)
DST(FIST) Assisted College



क. सी. ई. सोसायटीचे
मूळजी जेठा महाविद्यालय
क. व. बो. उत्तर महाराष्ट्र विद्यापीठ, जळगाव संलग्न
'स्वायत्त महाविद्यालय'

मंडळाचा पुनर्संशोधित वेब - 'ए' (सी.जी.पी.ए. : ३.१५ - तिसरी वेळी)
विद्यार्थीस अनुदान अयोग्यतास शोधित 'कॉलेज ऑफ एक्सेलन्स' (२०१४-२०१९)
डी.एस.टी. (फिस्ट) असलेला अर्थसहाय्य प्राप्त

Ref. No. MJAC/BOS-BIO-01/2023-24

Date : 10/07/2023

To,
Dr. K. S. Vishwakarma
Dr. L. H. Kamble
Dr. M. P. Moharil
Dr. P. S. Mendki
Dr. S. P. Kamble
Mr. S. M. Patil

Respected Sir,

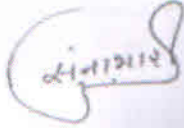
An Online meeting of Board of Studies in Biochemistry, Moolji Jaitha College (An Autonomous College Affiliated to KBCNMU, Jalgaon) is scheduled on 13th July, 2023 (Thursday) at 12:30 pm. You are requested to attend the meeting using the Google meet link: <https://meet.google.com/wjm-igvf-sed>

Agenda

- Item No 1: To read and confirm the Minutes of previous meeting.
- Item No 2: To read and confirm the action taken report of previous meeting.
- Item No 3: To accept the structure of UG programmes as per NEP -2020 Guidelines.
- Item No 4: To approve the titles of First Year UG Programmes as per NEP-2020 Guidelines.
- Item No 5: To approve the Courses for preparation of basket for GE/OE Courses at F.Y. UG Level.
- Item No 6: To discuss and approve detail syllabus for First Year UG Programmes.
- Item No 7: 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


Prof. S. N. Bharambe
Principal,
M. J. College, Jalgaon

Knowledge is Power

Minutes

Date:- 13-07-2023

An online first meeting of Board of studies in Biochemistry under K.C.E. Society's Moolji Jaith college (Autonomous), Jalgaon (Ref No. MJAC/BOS-BIO-01/2023-24 dated 10-07-2023) was held on 13-07-2023 at 12.30 pm (Google meet link: <http://meet.google.com/wjm-ignf-sed>).

Sr. No.	Name of the member	position	
1.	Dr. B.R. Kanimandan	chairman	All the BOS members were present for the meeting through online mode. Screenshot of attendance is attached at the end of minutes of meeting.
2.	Dr. K.S. Nishwarkarma	Member	
3.	Dr. L.H. Kamble	Member	
4.	Dr. M.P. Moharil	Member	
5.	Dr. P.S. Mendki	Member	
6.	Dr. S.P. Kamble	Member	
7.	Mr. S.M. Patil	Member	

Agenda :-

- Item NO.1 : To read and confirm the minutes of previous meeting.
- Item NO.2 : To read and confirm the action taken report of previous meeting.
- Item NO.3 : To accept the structure of UG programme as per NEP-2020 guidelines.
- Item NO.4 : To approve the titles of First year UG programme as per NEP-2020 guidelines.
- Item NO.5 :- To approve the courses for preparation of basket for GE/OE courses at F.Y. UG level.
- Item NO.6 : To discuss and approve detail syllabus for First Year UG programme.
- Item NO.7 :- Any other item with the permission of chair.

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

Item NO.1 :- To read & confirm the minutes of the last Board of studies meeting held on 13th February 2023.

The chairman briefly discuss about minutes of the previous meeting. In the last meeting following discussions were held:

- The action taken report was presented and it was approved.
- Discussed the report of National credit Framework - Sept-2022.
- Reviewed preparedness for implementation of NEP-2020.

The chairman presented the agenda of this meeting and the business was transacted as per the agenda.

Item NO.2 :- To read and confirm the action taken report

sr.No.	Particulars	Action Taken
1.	Discuss the report of National credit Framework-Sept-2022.	While framing the F.Y. B.Sc. Biochemistry syllabus: • Elements of education such as Knowledge, Understanding, application & learning outcomes of the syllabus. • Five levels of descriptors such as professional, theoretical knowledge, technical skills, employment readiness learning outcomes. • minimum skill qualification.

Vocational education/skill.

are included in the syllabus.

4. To take review of preparedness for the implementation of NEP-2020.

The draft syllabus of F.Y. B.Sc. Biochemistry as per the guidelines given in R.D. Kulkarni report and National Credit Framework sept.-2022 guidelines was thoroughly discussed during the meeting. The suggestions given by the members are included in the syllabus.

Resolution :-

Action taken report was read by the chairman; it was discussed and confirmed by the all committee members.

Item NO.3 :- To accept the structure of UG programme as per NEP-2020 Guidelines.

Maharashtra government GR regarding UG programme (dated 20 April 2023) and PG programme (dated 16th May 2023) structure was thoroughly discussed in the meeting. Being autonomous, college has prepared structure of UG programme using NEP-2020 Guidelines and above mentioned GR. This structure was also discussed in the meeting.

Resolution :-

After thorough discussion on the prepared structure of UG programme, it was unanimously accepted. Detailed structure is presented in Annexure-I.

Item NO.4 :- To approve the titles of First Year UG programmes as per NEP-2020 Guidelines. In this meeting, proposed course titles for first year UG Biochemistry Programme were discussed and

Resolution :-

Finalized course titles for First Year UG Biochemistry programme were collectively approved by the members. Titles are presented in Annexure - II.

Item NO. 5 :- To approve the courses for preparation of basket for GE/OE courses at F.Y. UG level.

GE/OE courses Sem-I (Health awareness) and Sem-II (Infection Biology) prepared for Basket of GE/OE at F.Y. UG level were put forward for discussion in the meeting. Courses were thoroughly discussed and suggestions were given by the members for improvement.

Resolution :-

After incorporation of suggestions given by the members, GE/OE courses for Sem-I (Health Awareness) and for Sem-II (Infection Biology) were unanimously approved.

Item NO. 6 :- To discuss and approve the detail syllabus for First Year UG programme.

F.Y. B.Sc. Biochemistry detailed syllabus was put for discussion. Syllabus was thoroughly discussed and some minor suggestions were given by the members for improvement.

Resolution :-

After With the minor changes/modifications suggested by the BOS members, Finalized F.Y. B.Sc. Biochemistry syllabus was approved by the BOS in Biochemistry.

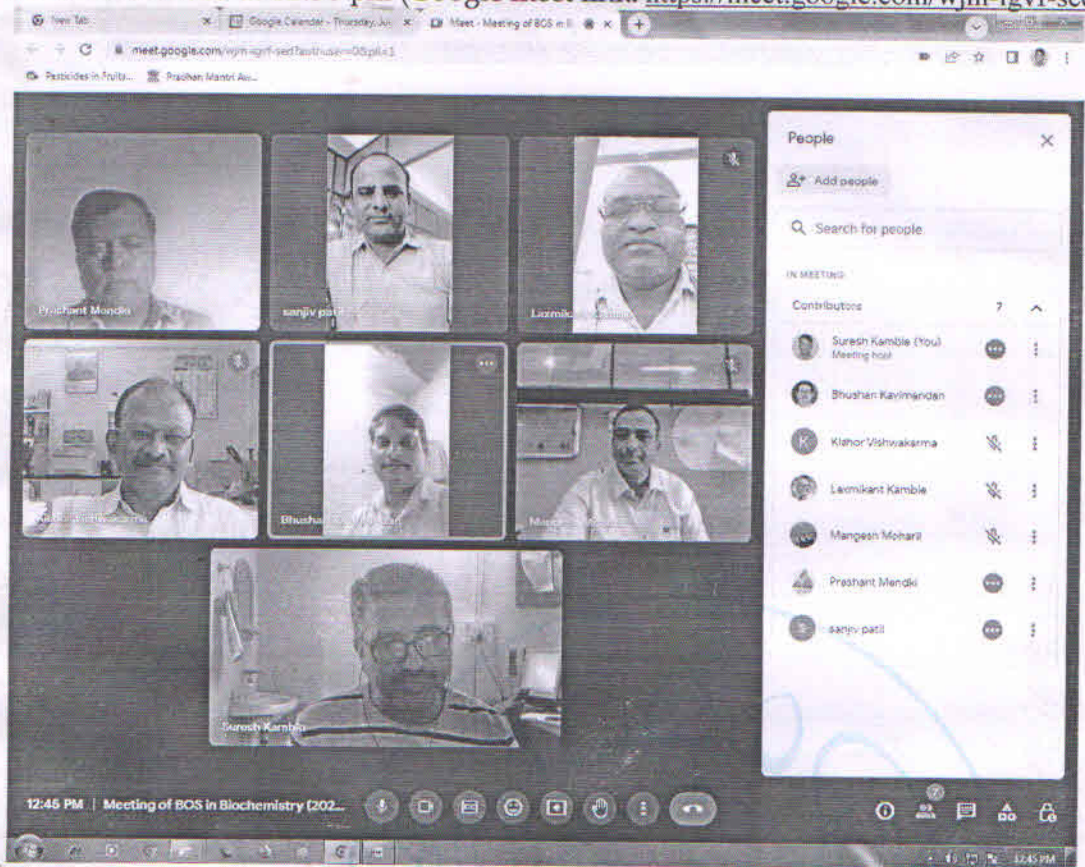
Item NO.7 :- Any other item with the permission of the chair - Nil.

The meeting concluded with vote of thanks to the chair.

Sudhakar
Chairperson.

BOS in Biochemistry

Attendance of Online first meeting of Board of Studies in Biochemistry dated 13/07/2023 at 12.30 pm (Google meet link: <https://meet.google.com/wjm-igvf-sed>)



Annexure-I

Structure of UG Programme

Credit distribution structure for Three/ Four year Honors/ Honors with Research Degree Programme with Multiple Entry and Exit

Credit distribution structure for Three/ Four year Honors/ Honors with Research Degree Programme with Multiple Entry and Exit										
Level	Sem	Major (Core) Subjects		Minor Subjects (MIN)	GE/ OE	VSC, SEC (VESC)	AEC, VEC, IKS	CC, FP, CEP, OJT/Int, RP	Cumulative Credits/Sem	Degree Cumulative Cr.
		Mandatory (DSC)	Elective (DSE)							
4.5	I	DSC-1 (2T) DSC-2 (2T) DSC-3 (2P)	—	MIN-1 (2T) MIN-2 (2P)	OE-1 (2T)	SEC-1 (2T) SEC-2 (1P)	AEC-1 (2T) (ENG) VEC-1 (2T) (ES) IKS (1T)	CC-1 (2)	22	UG Certificate 44
	II	DSC-4 (2T) DSC-5 (2T) (IKS) DSC-6 (2P)	...	MIN-3 (2T) MIN-4 (2P)	OE-2 (2T)	SEC-3 (2T) SEC-4 (1P)	AEC-2 (2T) (ENG) VEC-2 (2T) (CI) IKS (1T)	CC-2 (2)	22	
	Cum. Cr	12	...	8	4	6	4+4+2	4	44	
Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor.										
5.0	III	DSC-7 (2T) DSC-8 (2T) DSC-9 (2P) DSC-10 (2P)	...	MIN-5 (2T) MIN-6 (2P)	OE-3 (2T) OE-4 (2P)		AEC-3 (2T) (MIL)	CC-3 (2) CEP (2)	22	UG Diploma 88
	IV	DSC-11 (2T) DSC-12 (2T) DSC-13 (2P) DSC-14 (2P)	...	MIN-7 (2T) MIN-8 (2P)	OE-5 (2T) OE-6 (2P)		AEC-4 (2T) (MIL)	CC-4 (2) FP (2)	22	
	Cum. Cr	28	...	16	10	6	8+4+2	8+2+2	88	
Exit option: Award of UG Diploma in Major and Minor with 88 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor.										
5.5	V	DSC-15 (2T) DSC-16 (2T) DSC-17 (2T) DSC-18 (2P) DSC-19 (2P)	DSE-1 (2T) A/B DSE-2 (2P) A/B	MIN-9 (2T/P)	...	VSC-1 (2T) VSC-2 (2P)	...	OJT/Int(2)	22	UG Degree 132
	VI	DSC-20 (2T) DSC-21 (2T) DSC-22 (2T) DSC-23 (2P) DSC-24 (2P)	DSE-3 (2T) A/B DSE-4 (2P) A/B	MIN-10(2T/P)	—	VSC-3 (2T) VSC-4 (2P)	...	OJT/Int(2)	22	
	Cum. Cr.	48	08	20	10	8+6	8+4+2	8+2+2+4	132	
Exit option: Award of UG Degree in Major with 132 credits OR Continue with Major and Minor										
6.0	VII	DSC-25 (4T) DSC-26 (4T) DSC-28 (4T) DSC-27 (2P)	DSE-5 (2T) A/B DSE-6(2P) A/B	RM (2T)	—	...	...	OJT/Int (2)	22	UG Honors Degree 176
	VIII	DSC-29 (4T) DSC-30 (4T) DSC-32 (4T) DSC-31 (2P)	DSE-7 (2T) A/B DSE-8(2P) A/B	RM (2T)	—	...	...	OJT/Int (2)	22	
	Cum. Cr.	76	16	20+4	10	8+6	8+4+2	8+2+2+8	176	
Four Year UG Honors Degree in Major and Minor with 176 credits										
6.0	VII	DSC-25 (4T) DSC-26 (4T) DSC-27 (2P)	DSE-5 (2T) A/B DSE-6 (2P) A/B	RM (2T)	...	...	...	RP (6)	22	UG Honors with Research Degree 176
	VIII	DSC-29 (4T) DSC-30 (4T) DSC-31 (2P)	DSE-7 (2T) A/B DSE-8 (2P) A/B	RM (2T)	...	...	...	RP (6)	22	
	Cum. Cr.	68	16	20+4	10	8+6	8+4+2	8+2+2+8+12	176	
Four Year UG Honours with Research Degree in Major and Minor with 176 credits										

Sem- Semester, DSC- Department Specific Course, DSE- Department Specific Elective, T- Theory, P- Practical, CC-Cocurricular RM- Research Methodology, OJT- On Job Training, FP- Field Project, Int- Internship, RP- Research Project

Annexure-II

F. Y. B. Sc. Biochemistry Course Structure

Semester	Course Module	Credit	Hours/ week	TH/ PR	Code	Title
I	DSC	2	2	TH	BIC-DSC-111	Biomolecules (with IKS)-I
	DSC	2	2	TH	BIC-DSC-112	Basic Biochemistry-I
	DSC	2	4	PR	-DSC-113	Practical course on Basic Techniques in Biochemistry-I
	MIN	2	2	TH	BIC-MIN-111	Basic Biophysics and Biochemistry-I
	MIN	2	4	PR	BIC-MIN-112	Practical course on based on Basic Biophysics and Biochemistry-I
	OE/GE	2	2	TH	BIC-GE-111	Health Awareness
	SEC	2	2	TH	BIC-SEC-111	Fundamentals of Cell and Microbiology
	SEC	1	4	PR	BIC-SEC-112	Practical course based on Basic techniques in Cell and Microbiology
	AEC	2	2	TH	ENG-AEC-111	English
	VEC	2	2	TH	ES -VEC-111	Environmental studies
	IKS	1	1	TH	IKS-111	Indian knowledge system
	CC	2	2	CC	NCC-CC-111 NSS-CC-111 SPT-CC-111 CUL-CC-111	NCC NSS Sports Cultural
II	DSC	2	2	TH	BIC-DSC-121	Biomolecules-II
	DSC	2	2	TH	BIC-DSC-122	Basic Biochemistry-II
	DSC	2	4	PR	BIC-DSC-123	Practical course based on Basic Techniques in Biochemistry-II
	MIN	2	2	TH	BIC-MIN-121	Basic Biophysics and Biochemistry-II
	MIN	2	4	PR	BIC-MIN-122	Practical course on based on Basic Biophysics and Biochemistry-II
	OE/GE	2	2	TH	BIC-GE-121	Infection Biology
	SEC	2	2	TH	BIC-SEC-121	Techniques in Microbiology
	SEC	1	4	PR	BIC-SEC-122	Practical course based on Techniques in Microbiology
	AEC	2	2	TH	ENG-AEC-121	English
	VEC	2	2	TH	CI-VEC-121	Constitution of India
	IKS	1	1	TH	IKS-121	Indian knowledge system
	CC	2	2	CC	NCC-CC-121 NSS-CC-121 SPT-CC-121 CUL-CC-121	NCC NSS Sports Cultural

DSC : Department-Specific Core course
DSE : Department-Specific elective
GE/OE : Generic/ Open elective
SEC : Skill Enhancement Course
MIN : Minor course
AEC : Ability Enhancement Course
VEC : Value Education Courses

ENG : English
ES : Environmental studies
CI : Constitution of India
IKS : Indian Knowledge System
CC : Co-curricular course
TH : Theory
PR : Practical