



K. C. E. Society's Moolji Jaitha College, Jalgaon- 425001

"An Autonomous College Affiliated to K.B.C. N.M.U. Jalgaon"

| NAAC Re-Accredited Grade "A" CGPA 3.15 |

| UGC Honoured "College of Excellence" |

Ref. No. :

Date: 10/07/2023

Minutes

The first online Meeting of Board of Studies in Computer Science and Information Technology under K.C.E. Society's Moolji Jaitha College (Autonomous), Jalgaon (Ref. No. MJAC/BOS-COS-02/2022-23) dated 07th February 2023 was held on 13th February 2023 at 11 AM in the Department of Computer Science.

The following members were present for the meeting:

Sr. No.	Name of the member	Position
1	Mrs. Hemlata H Patil	Chairman
2	Dr., Leena Bhole	Member
3	Mrs. Swapnali Waghulde	Member
4	Mrs. Shubhangi Bhangale	Member
5	Prof. Bharati Gawali	Member
6	Mr. Suhas Pachpande	Member
7	Mr. Kishor Ingale	Member
8	Mr. Rupesh Telang	Member

The following members were absent with prior permission:

Sr. No.	Name of the member
1	Prof. S. R. Kolhe

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 and PG Programmes as per NEP -2020 Guidelines.
- Item No 4: To approve the titles of First Year UG and PG 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 and PG Programmes.
- Item No 7: Any other item with the permission of Chair.

The Chairman welcomed all the members present. The following points was discussed:

- Item No 1: To read and confirm the Minutes of previous meeting held on 13th February 2023.**

The Chairman briefly spoke about the decisions taken at the previous meeting.

In the last meeting following discussions were held:

1. Welcome of BOS members.
2. BOS members read and confirm the action taken report as per BOS meeting
3. Discussed the report of National Credit Framework Sept.2022
4. Reviewed preparedness for implementing of NEP-2020

Resolution-

We take that the Minutes of the Last Board of Studies meeting in Computer Science and Information Technology have been approved and passed.

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

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

Particulars: Discuss the report of National Credit Framework Sept. 2022

Action Taken: While framing the FYBSc/FYBCA and FYMSC Computer Science syllabus:

1. Elements of education such as knowledge, understanding, application and learning outcome of the syllabus.
2. Five level of descriptors such as professional, theoretical knowledge, technical skills, employment readiness and learning outcome
3. Minimum skill qualification
4. The content related to vocational education/skills are included in the syllabus

Particulars: To take review of preparedness for the implementation of NEP 2020.

Action Taken: The draft syllabus of FYBSc/FYBCA and FYMSC Computer Science as per guidelines given in R. D. Kulkarni report and National Credit Framework report SEPT-2022 guidelines was thoroughly discussed during the meeting. The suggestions given by the members are included in the syllabus.

Resolution-

BOS members read and confirm the action taken report as per BOS meeting.

Item No 3: To accept the structure of UG and PG Programmes as per NEP -2020 Guidelines.

Maharashtra Government GR regarding UG programme (dated 20th 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. The structure was also discussed in the meeting.

Resolution-

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

Item No 4: To approve the titles of First Year UG and PG programmes as per NEP-2020 Guidelines.

In this meeting, proposed course titles for FYBSC, FYMSC and FYBCA programme were discussed and with few suggestions by the members titles were finalized.

Resolution-

Finalized course titles for FYBSC, FYMSC and FYBCA programme were collectively approved by 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.

OE/GE courses SEM-I (Professional Letter Writing Skill) and SEM-II (data Visualization and Analysis) prepared for basket of OE/GE at FY UG level were put forward for discussion in the meeting. Courses were thoroughly discussed and suggestions were given by the members for the improvement.

Resolution-

After incorporation of suggestions given by the members OE/GE courses for SEM-I (Professional Letter Writing Skill) and SEM-II (Data Visualization and Analysis) were unanimously approved.

Item No 6: To discuss and approve detail syllabus for First Year UG and PG programmes

FYBSC, FYMSC and FYBCA detail syllabus was put for discussion. Syllabus was thoroughly discussed and some minor suggestions were given by the members for improvement.

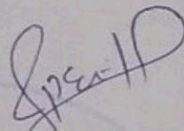
Resolution-

After with the minor changes/ modifications suggested by the BOS members finalize FYBSC, FYMSC and FYBCA syllabus was approved by the BOS in Computer Science.

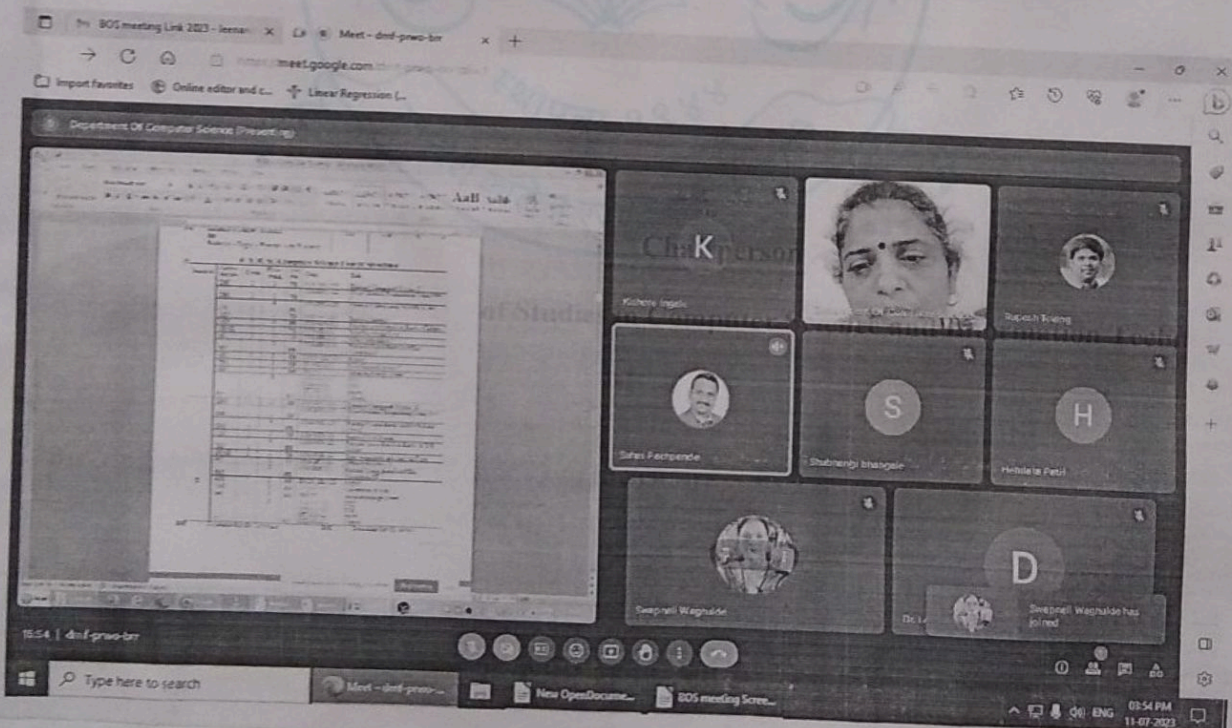
Item No 7 : Any other item with the permission of Chair.

NIL

The meeting concluded with vote of thanks to the chair.


Chairperson

Board of Studies in Computer Science and Information Technology



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Four Year UG Honours with Research Degree in Major and Minor with 176 credits

Annexure-II
FYBSC (Computer Science) Course Structure

Semester	Course Module	Credit	Hours/ week	TH/ PR	Code	Title
I	DSC	2	2	TH	CS-DSC-111	Database Management System - I
	DSC	2	2	TH	CS-DSC-112	Object Oriented Programming Using C++ - I
	DSC	2	4	PR	CS-DSC-113	Practical course based on DBMS-I and C++ -I
	MIN	2	2	TH	CS-MIN-111	Basics of Internet
	MIN	2	4	PR	CS-MIN-112	Practical course based on Basics of Internet
	OE/GE	2	2	TH	CS-GE-111	Word Processing Tools
	SEC	2	2	TH	CS-SEC-111	Office Automation-I
	SEC	1	2	PR	CS-SEC-112	Practical course based on Office Automation-I
	AEC	2	2	TH	ENGS-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	CS-DSC-121	Database Management System - II
	DSC	2	2	TH	CS-DSC-122	Object Oriented Programming Using C++ - II
	DSC	2	4	PR	CS-DSC-123	Practical course based on DBMS-II and C++-II
	MIN	2	2	TH	CS-MIN-121	Basics of Web Design
	MIN	2	4	PR	CS-MIN-122	Practical course based on Basics of Web Design
	OE/GE	2	2	TH	CS-GOE-121	Data Visualization and Analysis Tools
	SEC	2	2	TH	CS-SEC-121	Office Automation-II
	SEC	1	2	PR	CS-SEC-122	Practical course based on Office Automation-II
	AEC	2	2	TH	ENGS-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

Annexure-II

FYBCA Course Structure

Semester	Course Module	Credit	Hours/ week	TH/ PR	Code	Title
I	DSC	2	2	TH	BCA-DSC-111	Basic of Web Design
	DSC	2	2	TH	BCA-DSC-112	Programming in C
	DSC	2	4	PR	BCA-DSC-113	Practicals on Web Design and Programming in C
	Minor	2	2	TH	BCA-Minor-114	E-Commerce
	Minor	2	4	PR	BCA-Minor-115	Practicals on Ecommerce
	SEC	2	2	TH	BCA-SEC-116	Office Automation-I
	SEC	1	2	PR	BCA-SEC-117	Practicals on Office Automation-I
	OE/GE	2	2	TH	BCA-OE-111	Any one from the basket of OE course given below
	AEC	2	2	TH	BCA-ENGs-AEC-111	English
	VEC	2	2	TH	BCA -ES -VEC-111	Environmental studies
	IKS	1	1	TH	IKS-111	Indian knowledge system
	CC	2	2	CC	BCA-NCC-CC-111 BCA-NSS-CC-111 BCA-SPT-CC-111 BCA-CUL-CC-111	NCC NSS Sports Cultural
II	DSC	2	2	TH	BCA-DSC-121	Programming in C++
	DSC	2	2	TH	BCA-DSC-122	Database Management System
	DSC	2	4	PR	BCA-DSC-123	Practicals on C++ and Database Management System
	Minor	2	2	TH	BCA-Minor-124	M-Commerce
	Minor	2	4	PR	BCA-Minor-125	Practicals on M-Commerce
	SEC	2	2	TH	BCA-SEC-126	Office Automation-II
	SEC	1	2	PR	BCA-SEC-127	Practicals on Office Automation-II
	OE/GE	2	2	TH	BCA-OE-121	Any one from the basket of OE course given below
	AEC	2	2	TH	BCA-ENGs-AEC-121	English
	VEC	2	2	TH	BCA-CI-VEC-121	Constitution of India
	IKS	1	1	TH	BCA-IKS-121	Indian knowledge system
	CC	2	2	CC	BCA-NCC-CC-121 BCA-NSS-CC-121 BCA-SPT-CC-121 BCA-CUL-CC-121	NCC NSS Sports Cultural

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Annexure-II (PG)
F. Y. M. Sc. Computer Science Structure

Semester	Course Module	Credit	Hours/ week	TH/ PR	Code	Title
I	DSC	4	4	TH	CS-DSC-511	Artificial Intelligence
	DSC	4	4	TH	CS-DSC-512	Automata Theory and Computability
	DSC	4	4	TH	CS-DSC-513	Software Engineering
	DSE	2	2	TH	CS-DSE-514A	Advanced C++ Programming
	DSE	2	2	TH	CS-DSE-514B	Digital Image Processing
	DSC	2	4	PR	CS-DSC-515	Practical course based on Artificial Intelligence
	DSE	2	4	PR	CS-DSE-516A	Practical course based on Advanced C++ Programming
	DSE	2	4	PR	CS-DSE-516B	Practical course based on Digital Image Processing
	RM	4	4	TH	CS-RM -517	Research Methodology for Computer Science
II	DSC	4	4	TH	CS-DSC-521	Design and Analysis of Algorithms
	DSC	4	4	TH	CS-DSC-522	Advanced Network Programming
	DSC	4	4	TH	CS-DSC-523	Information Security
	DSE	2	2	TH	CS-DSE-524A	Advanced Java Programming
	DSE	2	2	TH	CS-DSE-524B	PowerBi
	DSC	2	4	PR	CS-DSC-525	Practical course based on Design and Analysis of Algorithms
	DSE	2	4	PR	CS-DSE-526A	Practical course based on Advanced Java Programming
	DSE	2	4	PR	CS-DSE-526B	Practical course based on PowerBi
	OJT	4	8	PR/OJT	CS-OJT-527	On Job Training/Internship

- 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