MINUTES OF 11th MEETING

OF

BOARD OF STUDIES (BOS)

DEPARTMENT OF COMPUTER ENGINEERING & APPLICATIONS

GLA
UNIVERSITY
MATHURA
Established vide U.P. Act 21 of 2010.

JULY 31st, 2017

Department of Computer Engineering & Applications

Minutes of the 11th Meeting of Board of Studies held on July 31, 2017

Members Present:

1. Prof. M.M Gore, MNNIT,ALD	7. Prof. Dilip Kumar	13 Mr. Nitin Tyagi
2. Prof. Veena Bansal, IIT K, On	8. Dr. Diwakar Bhardwaj	14 Mr. Shashi Shekhar
3. Dr. Atul Bansal, EC	9. Mr. Anant Ram	15 Mr. Narendra Mohan
4. Prof. Anand Singh Jalal	10. Dr. Manoj Kumar	16 Mr. Saurabh Anand
5. Prof. Charul Bhatnagar	11. Dr. Manas Kumar	17 Mr. Saurabh Singhal
6. Prof. Ashish Sharma	12. Mr. Ashish Sharma	18 Mr. Piyush

The following members could not attend the meeting:
1. Mr. K.G. Sharma   2. Mr. Rohit Agarwal   3. Mr. Himanshu Sharma

The Chairman Board of Studies welcomed all the members and started proceedings of the tenth meeting of BoS in accordance with the Agenda note circulated earlier.

Agenda Item – 11.1: To confirm the minutes of the 10th BoS meeting

The minutes of the meeting of 10th BoS held on May 7th, 2016 are enclosed as Annexure A

Agenda Item – 11.2: Action Taken Report (ATR)

The ATR based on the minutes of the Tenth BoS were presented.

Agenda Item – 11.3: To consider and approve Two new specializations in B.Tech. (CSE)
- **Cloud Computing and Virtualization**
- **Data Analytics**

Along with their course structure, syllabi and teaching scheme for Batch 2016 -20 and Batch 2017-21

The courses are inducted in association with IBM. The proposed course structure, syllabi and teaching scheme are enclosed as Annexure B.

Agenda Item – 11.4: To consider and approve revised syllabi for the B.Tech (CSE) programme.

All the members of BoS thoroughly checked and appraised the the feedback received from the various stakeholders (Faculty/Employer/Student/Alumni) and the revision/modification in syllabus of existing courses of various programmes is proposed as follows.

Programme	No. of Courses under consideration for revision	Name of the Courses under consideration for revision
B.Tech	4	Computer Organization Cloud Computing Object Oriented Programming Operating System Lab

The proposed syllabi for above four existing courses are enclosed as Annexure C.

Agenda Item – 11.5: To consider and approve changes in the course structure of BCA with following details:

Proposal	Existing Course	Changed with
Replacement	MIS and E-Commerce (BCA3002)	Introduction to Python (BCA3005) in III Sem
	Organizational Behavior (BBA 2002)	Programming in Java (BCA4004) in IV Sem
Inclusion of Electives in III/V		Software Project Management (BCA5023) Introduction to Distributed System (BCA5024) Data Mining & Warehousing (BCA6023) Management Information System (BCA6024) Introduction to Big Data (BCA6025) Introduction to Cloud Computing (BCA6041) Software Testing (BCA6042) Introduction to Internet of Things (BCA6043) Cyber Security (BCA6044)
	None	Mini Project Lab (BCA4083) 0-0-2 in IV Sem.
Change in LTP	Operating Systems (BCA2003) with 4-0-0	Operating Systems (BCA2003) with lab as 3-0-2 (Content - Unix & OS)
	Software Engineering with 4-0-0	Software Engineering with 3-0-0
	GUI Based Programming using Visual Basic 4-0-4	GUI Based Programming using Visual Basic 3-0-4
Change in Credit	C Programming Lab BCA1181 with 0-0-3	C Programming Lab (BCA1181) with 0-0-2
Renaming	Programming Logic Using C (BCA 1001) for I/I	Programming Logic (BCA 1101) for I/I
	Fundamentals of Computer and IT (BCA 1002) for I/I	Fundamentals of Information Technology (BCA 1102) for I/I
	Object Oriented Programming using C++ for II/III	Object Oriented Programming (BCA3101), with 3-0-4
	Hardware and Office Automation Lab (BCA1182) for I/I	Information Technology Lab (BCA1282), as 0-0-2
	C Programming Lab for I/I	Programming Lab (BCA1281)
Restructuring of the content	BCA1003- Introduction to Logical Circuit and Digital Design BCA1102- Fundamentals of IT BCA2003- Operating System BCA3103- Object Oriented Programming BCA4104- GUI Based Programming BCA4102 – System Design Software Engineering BCA5001 – Core Java BCA6021 - Advanced Java BCA6101 – Computer Network and Communication	

The proposed course structure & syllabi for above subjects are enclosed as Annexure D.

Agenda Item – 11.6: To consider and approve revised code for the subject(s) that are proposed for inclusion / swapping during 11ᵗʰ BoS.
Shall be incorporated with new code(s)

Agenda Item – 11.7: To consider and approve courses imparting employability/skill development/ entrepreneurship in the B.Tech (CSE), B.Tech (CSE) - CCV, B.Tech (CSE) - DA, BCA, MCA and M.Tech programmes.

The experts and members of BoS approved the same. The details enclosed in Annexure E.

Agenda Item – 11.8: To consider and approve introduction of new courses in the existing programmes.

Based on the feedback of various stakeholders (Faculty, Alumni, Corporate and Students) department present details of new courses to be introduced. After thorough discussion Board approved the same. The details enclosed in Annexure F.

Agenda Item – 11.9: To consider and approve the courses offered by Department of CEA at undergraduate level under Choice Based Credit System.

The experts and members of BoS thoroughly checked and appraised under CBCS system.
- *B. Tech. Computer Science & Engineering – Annexure G.*
- *B.Tech. Computer Science & Engineering (Specialization in Cloud Computing & Virtualization) – Annexure G.*
- *B. Tech. Computer Science & Engineering (Specialization in Data Analytics) – Annexure G.*

Agenda Item – 11.10: Any other item with the permission of chair
No item has been reported

The meeting ended with thanks to the Chair.

(A. S. Jalal)
Head, CEA

Copy to: Chairman, Academic Council
             Director IET, GLA University, Mathura
             Registrar
             All the members of BoS

ANNEXURE-F

List of New Courses Introduced

Session: 2017-18

Department: Computer Engineering and Applications

S.No.	Name of the Courses
1	Introduction to Python
2	Programming in JAVA
3	Programming in Advanced Java
4	Advanced Java Lab
5	Web Technology Lab
6	Software Project Management
7	Introduction to Distributed System
8	Digital Marketing & Transformation
9	Digital Marketing Lab
10	Data Mining & Warehousing
11	Management Information System
12	Introduction to Big Data
13	Introduction to Cloud Computing
14	Software Testing
15	Introduction to Internet of Things
16	Cyber Security
17	Object Oriented Programming
18	Python Programming
19	Technical Writing