

**MINUTES OF 10th MEETING
OF
BOARD OF STUDIES (BOS)

DEPARTMENT OF
COMPUTER ENGINEERING &
APPLICATIONS**



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

MAY 7th, 2016

Department of Computer Engineering & Applications
Minutes of the 10th Meeting of Board of Studies held on May 7th, 2016

Members Present:

- | | | |
|---------------------------------------|----------------------------|-------------------------------|
| 1. Prof. M.M Gore, MNNIT, Allahabad | 13. Mr. Nitin Tyagi | 26. Mr. Sandeep Kumar Rathore |
| 2. Prof. Vecna Bansal, IIT K, OnSKYPE | 14. Mr. K.G.Sharma | 27. Mr. Rajesh Kumar Tripathi |
| 3. Ms. Kamaljeet Kaur, Infosys | 15. Mr. Rohit Agrawal | 28. Mr. Necraj Varshney |
| 4. Mr. Atul Bansal, EC | 16. Mr. Neeraj Gupta | 29. Mr. Saurabh Shrivastava |
| 5. Prof. Anand Singh Jalal | 17. Mr. Deepak Mangal | 30. Mr. Praveen Mittlal |
| 6. Prof. Charul Bhatnagar | 18. Mr. Rakesh Galav | 31. Mr. Anuj Mangal |
| 7. Prof. Ashish Sharma | 19. Mrs.Jyoti Bajpai | 32. Mr. Gaurav Sharma |
| 8. Prof. Dilip Kumar Sharma | 20. Mr. Sachin Sharma | 33. Mr. Anshy Singh |
| 9. Mr. Anant Ram | 21. Mr. Juginder Pal Singh | 34. Mr. Ankur Chaturvedi |
| 10. Mr. Manoj Kumar | 22. Mr. Anjani Kumar Rai | 35. Mr. Jitesh Bhatia |
| 11. Dr. Manas Kumar Mishra | 23. Mrs.Anupam Yadav | 36. Mr. Piyush Vashistha |
| 12. Mr. Ashish Sharma | 24. Mr. Govind Kumar Jha | 37. Mr. Nikhil Govil |
| | 25. Mr. Kailash Kumar | |

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 – 10.1: To confirm the minutes of the 9th BoS meeting

The minutes of the meeting of 9th BoS held on May 15th, 2015 were implemented and enclosed as Annexure - A.

Agenda Item – 10.2: Action Taken Report (ATR)

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

Agenda Item – 10.3: To consider and approve revised syllabi for the courses under 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 | <ul style="list-style-type: none">• Fundamental of Computer & Programming• Problem Solving using Computer• Computer Programming Lab – I• Computer Programming Lab - II |

The experts gave their opinion regarding the changes in the syllabi of CSE 1001, 2001, 1081 and 2081. Further, the board critically observed the present teaching scheme of these subjects and agreed to modify it from 2-0-0 to 2-1-0. This will increase the credit of CSE 1001 and CSE 2001 from 2 to 3. The proposed course structure with increased credit and modified syllabi is enclosed as Annexure – B.

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Agenda Item – 10.4: To consider and approve changes for the following subjects -

- **CSE 324 / CSE 6070: Essentials of Information Technology for B. Tech. III Year - EC, EN, EE and ME branches.**
- **CSE 8025: Big data and Analytics as an elective for B. Tech. IV Year VIII Semester - CSE**

The experts made their observations and offered their suggestions on the modified syllabi of CSE 324 / CSE 6070: Essentials of Information Technology for B. Tech. III Year - EC, EN, EE and ME branches. And, CSE 8025: Big data and Analytics as an elective for B. Tech. IV Year VIII Semester – CSE. The proposed syllabi for above two subjects are enclosed as Annexure C.

Agenda Item – 10.5: To consider and approve re-structuring and inclusion of new content in MCS 1005: Probability & Stochastic Process and MCS 1001: Theory of Computation for M.Tech. I Semester.

The experts and members of BoS critically observed and approved re-structuring and inclusion of new content in MCS 1005: Probability & Stochastic Process and MCS 1001: Theory of Computation for M. Tech. I Semester. The proposed syllabi for both the courses are enclosed as Annexure D.

Agenda Item – 10.6: To consider and approve changes in the course structure of BCA for the following subjects:

- **Swapping of BCA 4003 - Computer Graphics and Multimedia with BCA 6001 - Computer Network and Communication.**
- **Restructuring of the content - BCA 5003 – Design and Analysis of Algorithms and BCA 322 - .Net framework using VB.Net**

The experts and members of BoS observed the industry demand and therefore, approved swapping of BCA 4003 - Computer Graphics and Multimedia of BCA – IV Semester with BCA 6001 - Computer Network and Communication of BCA – VI Semester. And, also approved restructuring of the content of BCA 5003 – Design and Analysis of Algorithms and BCA 322 - .Net framework using VB.Net. The proposed course structure & syllabi for BCA5003 & BCA322 are enclosed as Annexure E.

Agenda Item – 10.7: To consider and approve –

- **Change in the credit structure of Mini Project Lab - I & II for B.Tech. V & VI Semester.**
- **Removal of Colloquium from B.Tech. III Year VI Semester.**

The experts and members of BoS members agreed to make changes in the credit structure of Mini Project Lab - I & II for B.Tech. V & VI Semester. And, the board critically observed and approved Removal of Colloquium from B.Tech. III Year VI Semester. The suggestions were incorporated and modified course structure and syllabi of these subjects are enclosed as Annexure F.

Agenda Item – 10.8: To consider and approve revised code for the subject(s) that are proposed for inclusion / swapping during 10th BoS.

The members of BoS agreed to assign new or revised codes for the subjects that are modified and swapped during 10th BoS. The details of such codes are enclosed as Annexure G.

Agenda Item – 10.9: To consider and approve courses imparting employability/skill development/ entrepreneurship in the B.Tech (CSE), BCA, MCA and M.Tech programmes.

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



Agenda Item – 10.10: 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 I.

Agenda Item – 10.11: To consider and approve courses recommended by Training & Development for B.Tech (CSE)

Training & Development Department of the University recommended to get the syllabi of few courses approved in the Board of Studies Meeting of the department. Same was presented in front of the board. After due discussions, the board approved the same whose details are as follows:

| Year & Semester | Code & Title of the Course |
|------------------|-----------------------------|
| II Year, III Sem | AHE 3081: Soft Skills - I |
| II Year, IV Sem | AHE 4081: Soft Skills - II |
| III Year, V Sem | AHE 5081: Soft Skills - III |
| III Year, VI Sem | AHE 6081: Soft Skills - IV |

Agenda Item – 10.12: To consider and approve courses recommended by Training & Development for BCA

Training & Development Department of the University recommended to get the syllabi of few courses approved in the Board of Studies Meeting of the department. Same was presented in front of the board. After due discussions, the board approved the same whose details are as follows:


| Year & Semester | Code & Title of the Course |
|------------------|---|
| II Year, III Sem | AHE 3082: Soft Skills & Personality Development |

Agenda Item – 10.13: To consider and approve courses recommended by Training & Development for MCA

Training & Development Department of the University recommended to get the syllabi of few courses approved in the Board of Studies Meeting of the department. Same was presented in front of the board. After due discussions, the board approved the same whose details are as follows:

| Year & Semester | Code & Title of the Course |
|------------------|----------------------------|
| II Year, III Sem | AHE 3081: Soft Skills - I |
| II Year, IV Sem | AHE 4081: Soft Skills - II |

Agenda Item – 10.14: Any other item with the permission of chair
No item have been reported



(A.S. Jalal)

Head, CEA

Copy to:

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

ANNEXURE I



GLA
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Recognized by UGC Under Section 2(f)

Accredited with **A** Grade by NAAC

List of New Courses Introduced

Session: 2016-17

Department: Computer Engineering and Applications

| S.No. | Name of the Courses |
|-------|---|
| 1 | Soft Skills -I |
| 2 | Soft Skills -II |
| 3 | Soft Skills – III |
| 4 | Soft Skills – IV |
| 5 | Soft Skills & Personality Development |
| 6 | Core Java |
| 7 | Web Technology |
| 8 | Design and Analysis of Algorithms |
| 9 | Operations Research |
| 10 | Computer Graphics & Multimedia Techniques |
| 11 | .Net Framework using VB.Net |
| 12 | VB.Net Programming Lab |
| 13 | Project |
| 14 | Artificial Intelligence |
| 15 | Enterprise Resource Planning |
| 16 | Advanced Java |
| 17 | Advanced Database Management System |
| 18 | Web Technology |
| 19 | Distributed System |
| 20 | .Net framework using C# |
| 21 | Web Technology Lab |
| 22 | .Net framework Lab |
| 23 | Mini Project III |
| 24 | Seminar |
| 25 | Industrial Training |
| 26 | Data Mining & Warehousing |
| 27 | Cloud Computing |
| 28 | Mobile Computing |
| 29 | Agile Software Development |
| 30 | Cryptography & Network Security |
| 31 | Software Project Management |
| 32 | Artificial Intelligence |
| 33 | Business Intelligence |

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