

24/2/15.

Dept - BCA · B.O.S Meeting
Changes in New Syllabus (2015-2016)

1. Add Reference book Programming in C by Thamarai Selvi & Ashok Kamdhene.

2. In C++ Programming the Reference book to be included,

1. Ravichandran - C++ Programming Latest edition

2. Complete Reference in C++ (Sem II)

3. Basic Mathematics - (Sem - II)

- Unit II & III to be excluded

A. Instead we are including units from Discrete mathematics Set theory, Number theory & Regression Relatives

4. Practicals (Sem II)

1. Practical in C - Include Program using Pointer

5. Practical (Sem II)

2. Change in general topics in C++.

6. III Sem

Programming in Java.

1. Units will be changed sorted.

2. Include Event handling.

7. Digital Technology

- Include Memory concepts & Counters.

8. Change spelling in Syllabus.

9. Computer Network.

- Units related session Layer & Security are included.

10. Operating System - Change the syllabus
Abraham.

11. Data Structure - change the textbook
→ Elitz Horowitz.

12. CA - Change the Syllabus according
to textbook Donald & Horn.

13. Unit I - Exclude

Table Security will be added with
Unit V.

14. Changes in Unit III - ASP.NET

15. VB.NET.

- Unit IV - Topics will be changed

16. Web Programming - Add CSS & scripting.

17. Unix → Title change
Unix & Shell programming.

18. V Semester

1. CA — Excluded

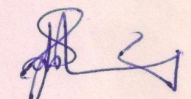
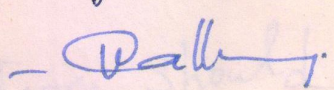
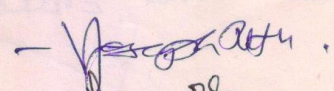
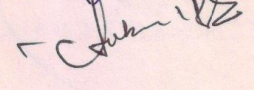

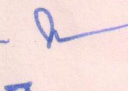
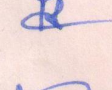


2. AS.Net — Included.

19. Computer Graphics included in Semester VI.

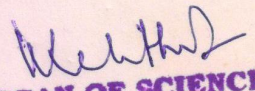
20. Practical Topics in Web Programming changed.

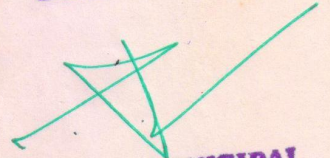
21. Quantitative Aptitude Syllabus will be removed and resolved to produce the new courses and revise the syllabus as mentioned in the annexure.

Following Members are attended the Board of Studies in Computer Applications, held on 24/2/15.

1. ~~Mr~~ M. SAFISH MARY (subject Expert) — 
2. V. VALLINAYAGI (University NOM) — 
3. V. JOSEPH PETER (Subject Expert) — 
4. A.M.A. AKBAR BARDUHA (Alumnus) — 
5. W. Fathima Fausana (H.O.D (B.C.A)) — 
6. S. Pramukeshwari (A.P) BCA — 
7. R. Fathima Syreen (A.P) BCA — 
8. K. Mariyam Rehana (A.P) BCA — 
9. M.H. Ibrahim. (A.P) - BCA — 

~~CHAIRPERSON~~
CHAIRPERSON


DEAN OF SCIENCES


PRINCIPAL



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Annexure - I

Department of Computer Application (UG)

The Board of Studies of Department of Computer Application (UG) was held on 24.02.2015 for the approval of 2015-2018 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	VB.Net	15UCAE5B

Courses focused on Skill Development / Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Fundamentals of Computer	15UCAC11	Skill Development
2.	Principles of Programming in C	15UCAC12	Skill Development
3.	C++ Programming	15UCAC21	Skill Development
4.	Basic Mathematics	15UCAC22	Skill Development
5.	Computer Application Core Practical I	15UCAC2P	Skill Development
6.	Programming in Java	15UCAC31	Skill Development
7.	Digital Technology	15UCAC32	Skill Development
8.	Core Practical II	15UCAC4P	Skill Development
9.	Software Engineering	15UCAC53	Skill Development
10.	Core Practical III	15UCAC6P1	Skill Development
11.	Core Practical IV	15UCAC6P2	Skill Development
12.	C# Programming	15UCAE6A	Skill Development
13.	Core Elective Practical A	15UCAE6PA	Skill Development
14.	Core Elective Practical B	15UCSE6PB	Skill Development
15.	RDBMS	15UCAS41	Skill Development
16.	Allied I Practical (OA)	15UITA2P	Skill Development
17.	Allied II – Practical	15UITA4P	Skill Development
18.	Unix and Shell Programming	15UITA41	Skill Development
19.	Computer Graphics and Multimedia	15UCAC62	Skill Development



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Percentage of Revision

S.No.	Courses	Course Code	Percentage %
1.	Principles of Programming in C	15UCAC12	10%
2.	Basic Mathematics	15UCAC22	40%
3.	Digital Technology	15UCAC32	50%
4.	Computer Networks	15UCAC33	60%
5.	Operating Systems	15UCAC43	40%
6.	Data Structures	15UCAC51	50%
7.	Computer Application Core Practical – II	15UCAC4P	10%
8.	ASP.NET	15UCAC52	20%
9.	ORACLE	15UCAE5A	20%
10.	Web Designing	15UITA31	40%

Total Percentage of Revision: 9.44%

Total number of Courses: 36


Principal