

## Board of Studies Meeting on - 31-1-2015

The first board of studies meeting of the department of Computer Applications was conducted at Department Staff room on 31-01-2015, Saturday 10. A.M.

In the absence of Dr. Sabu M.K, Member, Chairman of Board of Studies, University nominee Dr. B. Kannan, presided over the meeting. Subject experts in Mathematics, Dr. Mary George, subject expert in Mathematics, Dr. Angel Mathew expert from Industry, Mr. Saj. Tanni. I Sr. Software architect, etc, were present in the meeting.

Dhanya. R (role) HOD Dept of Computer Applications, presented restricted Syllabus

### Suggestions and Recommendations

- ⇒ Programming in C - The text book should be 'Mastering C' Venugopal, Rajkumar, Ravindra
- ⇒ Object-Oriented programming in C++  
- Change textbook 'Mastering C++'
- ⇒ In C++ Lab include dynamic binding programs
- ⇒ Data Structures - should include basic concepts of algorithm
- ⇒ Text book Data Structures, 'Data Structures Using C and C++' Tanen Baum.
- ⇒ Software Lab in DS - file program should be included.  
in C++ -

- Software Engineering - include Agile model.
- ⇒ Visual programming techniques + Introduce a new subject C#, Perl, or advanced Java.
- ⇒ Mini project - provide hours.
- ⇒ Java - restructure or revise the syllabus.  
JDBC concept should be included.
- ⇒ Instead of AWT concept introduce advanced Java-web programming.
- ⇒ Introduce algorithm concept in Java.
- ⇒ change Text book Java - Balagurusamy.
- 1. Open Course - include Linux desktop applications  
- GIMP, Cyber Security, Secure Sites

web technology - introduce JSP other than PHP.  
 Elective paper B d) Systems Software  
 - the text book change - Introduction to System program  
 Leyland, L. Beck III Edition, Pearson  
 Do all manipulations in C++ (Maths, Statistics)

### Mathematics & Statistics

Discrete Mathematics - Modules - Include Algebra  
 - Complementary Algebra  
 Vector Calculus - IV sem - Introduce Graph theory  
 instead of Numerical methods.

⇒ Differential Equations - Include, Fuzzy instead of Power Series

→ Introduce New Course 'Numerical Methods and R programming' in Statistics.

⇒ Can Combine the papers Sample Survey Designs and Design & analysis of experiments.

~~⇒~~ i - Nurture - representatives presented.

The Syllabus of the new Course BCA - Cloud Computing and Information Security BOS opinions

⇒ Syllabus is not Satisfactory

⇒ If Computer fundamental papers are lacking

⇒ Scope for Higher Studies is limited.

MCA

The restructured existing syllabus of MG University is to be followed.

BCA CCIS Approved the syllabus for the Course

• Dr. B. Kannan

• Dr. Mary George

• Dr. Angel Mathew

• Mrs. Seij Jancn . I

• Dr. Saba M.R.

B. Kannan

M. George

Angel

Seij

Saba

## CERTIFICATE

The UG/PG syllabus of the Department of.....COMPUTER APPLICATIONS.....  
for the year 2015-16 admission onwards, has been ratified by the Board  
of studies of.....COMPUTER APPLICATIONS.....  
which met on 31 st January, 2015, at St. Teresa's College, Ernakulam.

### Members Present

Name, Designation and Address

Signature

CHAIRMAN

Dr. Sabu M.K.  
Associate Professor & Head  
Dept. of Computer Applications  
MES College, Muzampally, Muvva



UNIVERSITY

Dr. B. KANNAN

B. Kannan

NOMINER

HOD, DEPT. OF COMPUTER APPLICATIONS  
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
COCHIN UNIVERSITY P.O

SUBJECT  
EXPERTS

(1)

DR. MARY GEORGE  
ASST. PROFESSOR, DEPT. OF MATHEMATICS  
ST. ALOYSIOUS COLLEGE, ROADHUA

Mary George

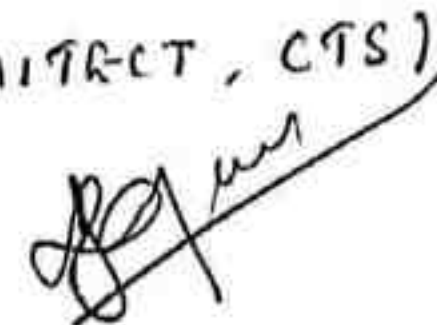
(2)

DR. ANGEL MATHW  
ASSOCIATE PROFESSOR, MAHARAJA'S COLLEGE  
ERNAKULAM



INDUSTRIAL  
EXPERT

MR. SAT JANIN J CSR. SOFTWARE ARCHITECT, CTS,  
'SASITHA', CHITTODOR RD,  
AYYAPPANKAVU, ERNAKULAM



## BOARD OF STUDIES MEETING - 25/01/2018

The seventh Board of Studies Meeting of Department of Computer Applications was held on 25<sup>th</sup> January 2018, Thursday at 10.30 am in the department.

ITEM 01/BOS/18-01<sup>01</sup> - Approval of the minutes of the previous BOS meeting.

The BOS approved the minutes of the previous meeting held on 11/08/2017

ITEM 02/BOS/18-02<sup>02</sup> - Approval of <sup>Syllabus &</sup> Panel of examiners for 4<sup>th</sup> Sem UG BCA Cloud Technology & Information Security Management

BOS members recommended the following:-

- The programme should get an equivalency from the M.G. University which should be given prime importance. If we don't get any equivalency, then, it was recommended not to take admissions for the next academic year 2018-19.
- The admission criteria must be the same as that of the university.
- The syllabus should have 70% similarity with the m.g. university syllabus
- Nomenclature of the BCA programme should be verified against UGC guidelines.
- EVS must be included in V Semester as a core paper with a credit of 4
- Viva Voce must be included in VI Semester as a core course with a credit of 1
- Total Credit should be 120
- The proposal for content modification for the courses "Ethical hacking" in Sem IV and "information security fundamentals" in Sem III got approval

- BOS also approved the change in the name of the course from introduction to Linux to Introduction to Unix and shell Scripting.
- Blue print should be made in compliance with the University questions paper pattern.
- Recommended to change all the basic computer science courses from complementary to core.
- The total no. of courses for the programme must be made same with that of the university.

The BOS approved the panel of examiners for 4<sup>th</sup> sem UG BCA Cloud Technology & Information Security Management.

- For BSc CA, the BOS decided to follow the University Syllabus with slight changes
- In Core Computer Swap OS to III Sem and DCN to VI Sem.

• Swap Design of experiments in V Sem & Numerical Methods & R Programming in VI Sem. Replace R Programming module with Environmental Studies

BVoc SND

Changed Applied Mathematics to Basic Mathematics

BOS decided to make some of the courses common to BSc CA, BVoc SND and BCA. with the same code.

ITEM 03/BOS/18-01 - Correct Nomenclature of unaided courses according to the UGC directions (Specify Model I or Model II or Model III)

The nomenclature of the BCA programme should be verified against UGC guidelines

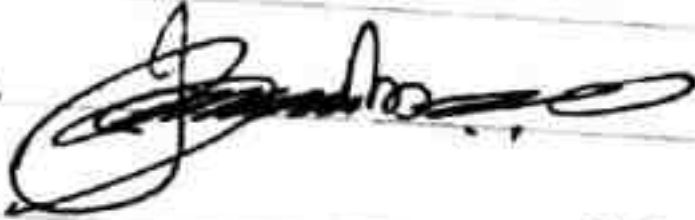
ITEM 04/BOS/18-01 - Discussion on recommendation of text books and books for reference.

Some text books were suggested for the various courses in the 3 programmes


ITEM 05/BOS/18-01 -


The BOS members suggested to introduce the online education portal "Swayam" to the students


The restructured syllabus of BSc Computer Applications [Triple Main], BVoc. Software Development, BCA (Cloud Technology and Information Security Management, For the Year 2018-2019 admission onwards has been ratified by the BOS of Computer Applications on 25/01/2018.

1. Dr. Sabu M.K (Chairman): 


2. Dr. B. Kannan (University Nominee): 

3. Dr. Angel Mathew (Subject Expert): 

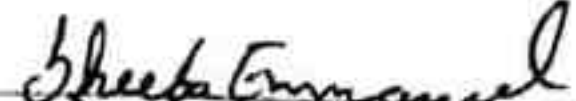
4. Dr. Mary George (Subject Expert): 

5. Dr. Remesh Babu K.R (Subject Expert): 

6. Mr. Saj Janin (Industrial Expert):


7. Mrs. Sebbay K.X (Alumnae Expert): 

### Faculty Members


1. Mrs. Sheeba Emmanuel : 

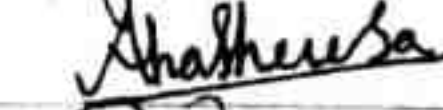
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3. Mrs. Nunuz Joseph : 


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6. Mrs. Laya Joseph : 

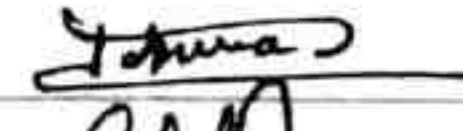
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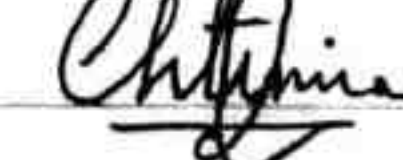
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10. Mrs. Megha Jose : 

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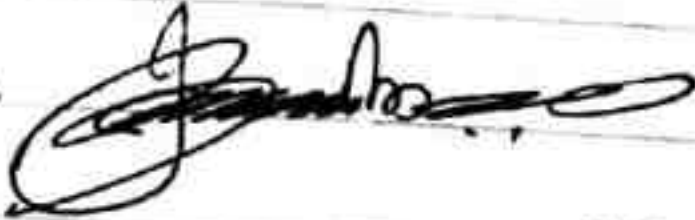
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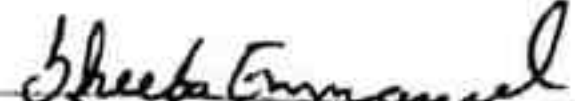
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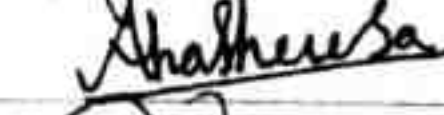
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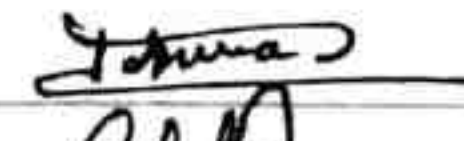
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