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SACRED HEART COLLEGE Autonomous

NAAC Accreditation 4th Cycle

Criterion I: Curricular Aspects

Minutes of the Board of Studies in Computer Science 2016-2017

1. DR. S. KANNAN   B. Kannan

2. DR. VARGHESE PAUL

3. REV. DR. JAISON MULARICKAL   Jaison Paul

4. MR. K.J. SUDHEVAN

5. MAXON C.J.

6. REGITHA BAIJU

7. TRESSA SHYBE

8. DISHA SOMAN

9. RENSI K. RANJITH

10. FR. NIJO ANTONY

EXTERNAL BOS MEETING MINUTES

22.07.17

The BoS meeting has provided an opportunity for a strategic overview of the entire learning and teaching activity. The meeting was conducted on July 22, 2017. The review has helped to develop and maintain high quality standards to improve the curriculum and syllabus.

Members of committee:

- Dr. B. Kannan, HoD and Associate Professor, Dept. of CA
- Dr. Varghese Paul, Research Guide, RSET
- Rev. Dr. Jaison Mulerickal, Professor, Dept. of CS and Engineering.
- Mr. Sudevan, Chief Consultant and Head Coach, ARISE.
- Mr. Manon, Alumni, Network administrator, UST, Global
- Ms. Regitha Benji (Head, Dept. of CS)
- Ms. Treesa Shybe (Asst. Professor, Dept. of CS)
- Ms. Jisha Sowsan (Asst. Professor, Dept. of CS)
- Ms. Rensi. K. Ranjith (Asst. Professor, Dept. of CS)
- Fr. Nijo Naisery (Asst. Professor, Dept. of CS

The committee was presented with a report by Mrs. Regitha Baiju (Head of the department) in which all the syllabus and curriculum were included in the presentation. She said that the department planned not to change the syllabus and curriculum in 2018. The committee has proposed that the syllabus could be changed in 2019. Bos has done comparitive study with M.G. University and emishing syllabus of dept.

Review from the Committee:

The panel has discussed in the following matters to consider when the department changes its syllabus.
Have sanction in marginal increase.

- To add an elective paper in Data Analytics.

- To include the topics on Hadoop, Cloud computing, HPC, R-software, data mining, data analytics.

- To introduce the new language python.

- To select real time environment industry, metro, control room and Ship control room for industry visit.

- To make mentoring be strong

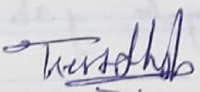- To motivate the students to prepare their own weppage, app and add them in their proofiks.

- To promote the students to attend the courses of NPTL or Linda.com.
- To invite teachers for attending the FDP workshop on HPC and Data Science by RSET.
- To try the workshop on HPC and cloud funding by KISESTE.
- To motivate the students for attending the workshop on data security in CUSAT.
- To encourage students for doing projects on computational Statistics and computational Mathematics.

Fr. Nijo han given thanks to all members of BoS. The meeting came to end by 1 pm.

1. Regitha Baiju
2. Nijo Antony
3. Achamma Cherian
4. Tresa Shybe
5. Jisha Soman
6. Rensi K. Ranjith.

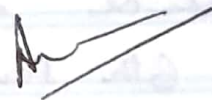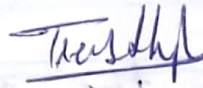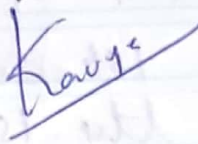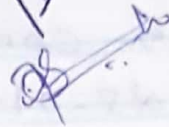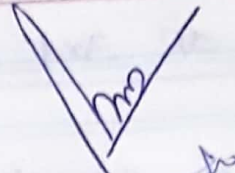The BOS in computer Science at the meeting held on 25-01-2017 took the following decisions:

1. To merge the important topics of two courses 'Fundamental of Digital Systems' and Microprocessor' from 1st and 2nd semesters to one course in the 1st semester.

2. To introduce change the order of the a new course operating system' from the 6th semester to 2nd Semester.

3. To add a new topic 'Big Data' in the course 'DBMS' and to change the course name from 'DBMS' to 'RDBMS' in the third semester

4. To replace topic of the course 'Data Communication and Computer Networks' by a new topic in the 3rd Semester

5. To add some topics of Software engineering and change the name of the course from 'Systems Analysis and Design' to 'Software Engineering' in the 4th semester.

6. To remove some topics from the course 'Advanced Web Technology' and add a new topic 'Ajax' in the 4th Semester.

7. To change the order of a course 'Q introduce a new course 'programming in python' in the 6th semester.

8. To assign one industrial visit in the internal assignment component in the 4th semester.

1. Regitha Baiju
2. Shailesh Sivan
3. Christy Jacquiline
4. Kavya Kishore
5. Theresa Shybe
6. Achamma Cherian
7. Jisha Soman
8. Fr. Nijo Antony

MINUTES OF INTERNAL BOS Regarding BCA Syllabus

Corrections in BCA Scheme and detailed Syllabus

While scrutinizing the scheme and syllabus of BCA (specialisation in Mobile Application and cloud Technology), we have found some errors. The following are the issues.

1. Change in internal and external marks division.

2. An additional course "Information Security Fundamentals" is included in the detailed syllabus which is not in the scheme.

3. One of the course allocated for the fifth semester as given in the scheme of programme is misplaced in the detailed syllabus of the 6th semester.

4. Two courses allocated for the 6th semester as given in the scheme of programme is also misplaced in the fifth semester.

5. The project work has not been mentioned in the detailed syllabus.

Corrections

Issue	Present syllabus	Correction to be done

Security Fundamentals.	should be excluded from the detailed syllabus
3. The ^{open} course "Security Threats and Trends" is given in 6th Semester of detailed syllabus	The ^{open} course "Security Threats and Trends" should be placed in detailed syllabus of the 5th Semester.
4. The courses 'Mobile Ecosystem and Business Models' and "Web Technology and Value Added Services in Mobile" is misplaced in 5th Semester	The courses are to be placed in the detailed syllabus of sixth semester according to the scheme of programme.
5. The description of project work is not mentioned in the detailed syllabus	The detailed project work has to be included in the detailed syllabus of the 6th semester.

The above mentioned topics were discussed in the internal BoS meeting held on 19.07.17. The corrections of the said errors were also discussed and planned to submit the amendments to the Academic council.