



**B.M.S.COLLEGE OF ENGINEERING**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**ALUMNI CONTRIBUTIONS**

Department BOS (Board of Studies) consists of 6 internal department cluster faculties, 3 external academicians and 2 experts from industry. For program design (curriculum) all the members are involved and inputs from industry experts are considered. BOS meeting happen yearly once or whenever changes in the program design is required.

SL. NO	DATE	INDUSTRY PERSON	AGENDA
1	5-6-2014	Mrs Praveen N Palasundram, IBM. Mr. Karthik G R, NetApp	Finalization of scheme and syllabus for C programming course for I-II sem. From academic year 2014-15
2	24-6-2015	Dr. Rajan M A, TCS-ab Mr. Shashank Woontakal, Akamai	Scheme for 3 <sup>rd</sup> to 8 <sup>th</sup> sem. CSE-ISE cluster Syllabus for 3 <sup>rd</sup> and 4 <sup>th</sup> sem. CSE-ISE cluster
3	24-02-2016	Dr. Rajan M A, TCS	Scheme for 5 <sup>th</sup> to 8 <sup>th</sup> sem for 2016-17,2017-18
4	03-06-2016	Dr. Rajan M A, TCS-ab Mr. Shashank Woontakal, Akamai	1. Approval of the Draft Scheme and Syllabus of 5th to 8th Semesters of CS-IS 2. Approval of CO - PO Mapping 3. Any other related matter

During BOS meeting held on 24-2-2016, industry expert Dr.Rajan from TCS suggested following points

- To make use of research papers for subjects like IOT as textbooks are not available.

Course handling faculties have referred various related research papers ,specifications and based on that hand notes are prepared and distributed to students.

- Activity based or case study based teaching for software engineering subject should be adopted.

Followed activity based teaching process for the course software engineering.

- To change the methodology of asking student to write a program

Based on the suggestion given by Dr. Rajan, in the internal tests for programming subjects , the erroneous code was given and students were asked to identify the errors.

Some of the students have participated in various coding competition like hackathon, codechef etc. this improves their skill in identifying errors in the code.

-Include course on 'R' and python, and elective subjects like Multicore Architecture and Programming, Software Testing, Cyber Forensics, Fuzzy Logic.

As per his suggestion related subjects like 'R' and Python, Multicore Architecture and Programming, Software Testing, Cyber Forensics, Fuzzy Logic were included in the syllabus.

- Alumni have also contributed to the updation of syllabus in par with the Industry standards through Alumni Survey (which is shared as a Google Form).
- Alumni who are also Industry Experts have also delivered Invited talks to students and faculty of BMSCE (Dr.S.R.Subramanya, Abhishek Singh)