

BOS Meeting 07

Minutes of Meeting 2<sup>nd</sup> BOS (CSE & IT) conducted on 08-04-2019 at Hyderabad to approve syllabus in continuation of meeting held on 17-05-2018

The Board of Studies chairman for both Computer Science and Engineering (CSE) & Information Technology (IT), Dr. K Ananda Kumar has convened a meeting with members and Senior faculty members from both the departments at CSI Hyderabad Chapter office, 302, Archana Arcade, 10-3-190, St. John's Road, Opp. Railway Reservation Complex, Secunderabad by 12noon.

**Agenda for Meeting**

1. To review the resolutions made on May 17, 2018.
2. To discuss, review and approve the proposed curriculum in CSE & IT for B. Tech 2<sup>nd</sup> year through 4<sup>th</sup> year for the autonomous system commencing from the Academic Year 2018-19 (SITE18 regulations).
3. To discuss, review and approve the subjects offered to other courses by Department of CSE & IT (Open Electives).
4. To discuss, review and approve the proposed curriculum for M. Tech in Computer Science and Engineering for the autonomous system commencing from the Academic Year 2018-19 (SITE18 regulations).
5. Any other matter with the permission of the Chair

**Resolution 1:**

The BOS chairman highlighted the resolutions made in the previous meeting held on May 17, 2018.

1. Approved the course structures for B. Tech (CSE), B. Tech (IT) and M. Tech (CSE)
2. Approved the syllabus of "programming for problem solving" theory course common to all branches of B. Tech programs.

3. Approved the syllabus of "programming for problem solving" laboratory course common to all branches of B. Tech program.
4. Approved and agreed upon delegating approval of courses part of B. Tech (CSE) and B. Tech (IT) programs belonging to Basic Sciences, Humanity Sciences and Engineering Sciences to the respective BoS (already approved by respective BoS).
5. Informally approved and postponed the formal approval of various courses offered in B. Tech (CSE) and B. Tech (IT) programs respectively by CSE and IT departments for the next BoS meeting (scheduled today i.e. 08-04-2019).
6. Approved the syllabus of all courses part of M. Tech (CSE) program as there is no deviation from the AICTE model curriculum.
7. Suggested to change laboratory credits from 1.5 to 2 (SITE18 regulations already approved in Academic Council and looking for possibility in next regulation).
8. Possibility of including pre-requisites in the syllabus template (A separate prerequisite chart presented for reference of members of BOS).
9. Suggested inclusion of laboratories for all program electives and possible open electives (to be considered in next regulation).
10. Suggested inclusion of open electives offered by other departments (During book printing it can be done)
11. Suggested division of data structures course into two parts (may be considered in next regulation).
12. Suggested bringing awareness among the students to utilize NPTEL-SWAYAM and MOOCS to improve their self-learning capabilities (students need to submit a copy of the certificate issued by NPTEL-SWAYAM or MOOCS in order to consider pass in the non-credit courses and laboratory courses without corresponding theory course.).

**Resolution 2:**

The BOS chairman presented the syllabus of the courses included in 3-8 semesters part of the course structures of B. Tech (CSE) and B. Tech (IT) programs approved in the previous meeting.

1. The members reviewed and approved the syllabus of the core courses belongs to 3<sup>rd</sup> semester titled *Data Structures* (Theory & Laboratory), *Discrete Mathematics* (Theory) and *IT Workshop* (Laboratory) common to both CSE & IT programs.
2. The members reviewed and approved the syllabus of the core courses belongs to 4<sup>th</sup> semester titled *Computer Organization* (Theory & Laboratory), *Algorithm Design and Analysis* (Theory & Laboratory) and *Java Programming* (Theory & Laboratory) common to both CSE & IT programs.
3. The members reviewed and approved the syllabus of the core courses belongs to 5<sup>th</sup> and 6<sup>th</sup> semesters titled *Computer Networks* (Theory), *Operating systems* (Theory), *Database Systems* (Theory & Laboratory), *Python Programming* (Laboratory) common to both CSE & IT programs.
4. The members reviewed and approved the syllabus of the core courses belongs to 5<sup>th</sup> and 6<sup>th</sup> semesters titled *Formal Languages & Automata Theory* (Theory), *Computer Networks* (Laboratory), *Operating systems* (Laboratory), *R Programming* (Laboratory) of CSE program.
5. The members reviewed and approved the syllabus of the core courses belongs to 5<sup>th</sup> and 6<sup>th</sup> semesters titled *Software Engineering* (Theory & Laboratory), *Advanced Java and Web Technologies* (Laboratory), *Operating Systems and Unix Programming* (Laboratory) of IT program.
6. The members reviewed and approved the syllabus of the core course belongs to 7<sup>th</sup> semesters titled *Compiler Design* (Theory & Laboratory) of CSE program.
7. The members reviewed and approved the syllabus of the core courses belongs to 7<sup>th</sup> semesters titled *Cryptography and Network Security* (Theory), *Object Oriented Analysis and Design* (Laboratory) of IT program.

8. The members reviewed and approved the syllabus of program electives of CSE program titled *Software Engineering, Unified Modeling Language, Design Patterns, Software Testing, Software Quality Assurance, Software Project Management, Network Protocols, Cryptography & Network Security, Cyber Security, Mobile Computing, Ad hoc & Sensor Networks, Cyber Forensics, Mobile Application Development, Data Warehousing & Mining, Artificial Intelligence, Machine Learning, Hadoop & Big Data, Data Analytics.*
9. The members reviewed and approved the syllabus of program electives of IT program titled *Wireless Sensor Networks, UI Design, R Programming, Software Quality Assurance, Cloud Computing, Software Testing Methodologies, Distributed Databases, Fault Tolerant Systems, Big Data Analytics, Software Project Management, Open Source Software, Optimization Techniques.*

**Resolution 3:**

The BOS Chair presented the syllabus of open electives offered by departments of CSE and IT.

1. The members reviewed and approved the syllabus of open electives offered by CSE Department and chosen by other departments titled *Internet of Things, Block Chain, Quantum Computing, Virtual Reality, Data Structures through C, Designing Database Management Systems, Operating Systems Concepts, R Programming, Python Programming, Java Programming, App Technologies, Web Technologies and Artificial Intelligence.*
2. The members reviewed and approved the syllabus of open electives offered by IT Department and chosen by other departments titled *Office Automation, Internet & Web Hosting, Cloud Computing, E Commerce, Statistics and R Programming, Open Source software, Mobile Application Development.*



1. Dr. K. Amarada Kumar Chairman AK  
HOD, CSE, SITE 08/04
2. Dr. P. Kiran Kumar Member P. Kiran  
CSE, SITE 8/4/19
3. Prof. G. Nagewara Rao Member Nagewara  
CSE, SITE 8/4/19
4. Sri E. V. Sandeep Member Sandeep  
CSE, SITE
5. Dr. R. N. Kulkarni Member R. N. Kulkarni  
HOD, CSE, BITM, Bellary
6. Prof. C. Raghavendra Rao Member C. Raghavendra Rao  
Professor, SCIS, UoH, Hyderabad 8/4/19
7. Dr. J. V. R. Murthy, Professor Member  
CSE, UCEK, JNTUK, Kakinada
8. Sri D. Chandra Sekhar Member D. Chandrasekhar  
Managing Director,  
Delta March Technologies, Hyd
9. Sri Ch. Sasidhar Member  
Principal S/W Engineer  
Housing-Com, Bangalore