



DEPARTMENT OF INFORMATION TECHNOLOGY

Minutes of the meeting of Board of Studies, Information Technology department, held at 10.30 AM on 31.03.2018 (Saturday) at the Department of Information Technology, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.


Members Present

Dr. K. Ram Mohan Rao, Assoc. Professor & Head	Chairman, BOS
Dr. P.V. Sudha, Assoc. Professor, Dept. of Computer Science & Engineering, University College of Engineering, Osmania University, Hyderabad	University Nominee
Dr. Atul Negi, Professor, School of Computer & Information Sciences, University of Hyderabad, Hyderabad	Subject Expert
Dr. Salman Abdul Moiz, Assoc. Professor, School of Computer & Information Sciences, University of Hyderabad, Hyderabad	Subject Expert
Dr. Bheemarjuna Reddy Tamma, Assoc. Professor, Dept. of Computer Science & Engineering, IIT-Hyderabad.	Subject Expert
Dr. Raghavendra Kune, Scientist/ Engineer SF Advanced data Processing Research Institute, Department of Space, Hyderabad	Subject Expert
Mr. S. Harinath Reddy, Senior Director of Engineering, Qualcomm, Hyderabad	Industry Representative
Mr. Surya Kiran, Software Engineer-9 Teradata Corporation India Pvt Ltd . Hyderabad	Alumnus
Faculty members of the Department	List attached.


Chairman welcomed the members, gave an introduction to the IT department and the faculty. Chairman informed the BOS members about college getting re-accredited for the period 2017-18 to 2019-20.

The following points were discussed

1. Scheme and Syllabus for the students admitted in the academic year 2015-16.
2. Scheme and Syllabus for the students admitted in the academic year 2016-17.
3. Scheme and Syllabus for the students admitted in the academic year 2017-18.
4. Members were briefed about the new model curriculum as suggested by AICTE to be implemented from 2018-19.
5. The members were informed about the change in lecture hours from 50 minutes to 1 hour duration.


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 Expert from Research
 Organization


 (Mr. S. Harinath Reddy)
 Expert from Industry


 (Mr. Suryakiran)
 Alumnus


 (Dr. K. Ram Mohan Rao)
 Chairman, BOS

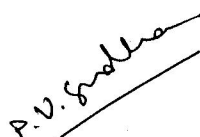
Based on the discussions, the members suggested the following points :


- I. For the students admitted in the academic year 2015-16, the scheme and syllabus as presented has been approved.
- II. For the students admitted in the academic year 2016-17
 - a) In the syllabus of Vth Semester Microprocessor and Microcontroller, 8086 Microprocessor and its assembly language programming can be introduced in place of 8085 Microprocessor. First unit of the syllabus can introduce all the different types of processors.
 - b) In the syllabus of VIth Semester Embedded Systems, ARM architectures and their programming has to be introduced.
 - c) In the VIth Semester, the following courses can be given to the students as Professional Elective – I:
 - i) Data Mining
 - ii) Network Security.
 - d) In the Syllabus of VIth Semester, the following courses are offered to the students under Technical Skills. The students are given an option to select and register online for one of the course.
 - i) Advanced Programming Skills
 - ii) Fundamental Programming Skills
 - iii) SAP-ABAP
 - iv) PEGA-CSA
 - v) Salesforce


From the above courses, Advanced Programming Skills and Fundamental Programming Skills will come under the BOS of IT Program.

The above courses were also offered to current VIth Semester students of 2017-18 academic year.

- e) In the VIIth Semester, in place of VLSI Design course, a course on Software Project Management can be introduced.
- f) In the VIIth Semester, the Cloud Computing Lab should incorporate Open Stack Implementation. Also the members suggested to include programs related to MPI.


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Chairman, BOS

g) In the VIIth Semester, the following courses can be listed in Professional Elective-II, Professional Elective-III and Professional Elective -IV courses.

- i) Machine Learning
- ii) Software Quality and Testing
- iii) Wireless Mobile Communications
- iv) Information Retrieval Systems
- v) Soft Computing with Optimization
- vi) Information Storage Management
- vii) Graph Analytics
- viii) Digital Image Processing

h) In the VIIIth Semester , the following courses can be listed in Professional Elective-V and Professional Elective-VI:

- i) Digital Signal Processing
- ii) Internet of Things
- iii) Neural Networks & Deep Learning
- iv) Data Analytics
- v) Human Computer Interaction


III. For the students admitted in the academic year 2017-18 , the above modifications as listed in item II with a change in SEE:CIE marks from 70:30 to 60:40 can be implemented.


Also the members suggested to include more programs related to Binary Search Tree Traversals in Advanced Data Structures Lab of Semester III.


IV. The following Open Electives were recommended by the BOS Members for the students admitted in 2016-17 & 2017-18 academic years to be offered by IT Department to other programs.


III-Semester	IV-Semester
i) Introduction to Scripting Languages (2 Credits)	i) Introduction to Database Management Systems (2 Credits)
ii) Fundamentals of Data Structures (2 Credits)	ii) Introduction to Software Engineering (1 Credit)
V-Semester	VI-Semester
i) Introduction to Linux (1 Credit)	i) Introduction to Web Technologies (1 Credit)
ii) Introduction to Java Programming Language (2 Credits)	ii) Statistical Programming using R (2 Credits)

The meeting concluded with vote of thanks.


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