

Action Taken Report

Date: 25.05.2019

Action taken report on the previous Board Of Studies meetings held on 31.03.2018 and 19.05.2018

Suggestions of BoS members in the meeting held on 31.03.2018 and the action taken.

1. For the students admitted in the academic year 2015-16 the scheme and syllabus as presented has been approved.

Action Taken: The approved scheme and syllabus has been implemented.

2. For the students admitted in the academic year 2016-17 , suggestions and the action taken are as follows :

- a) In V Semester , in the syllabus of Microprocessor and Microcontroller, the members suggested 8086 Microprocessor and its assembly language programming has to be introduced.

Action Taken: The suggestion was incorporated in Vth Semester Syllabus of Microprocessor and Microcontroller course.

- b) In VI Semester, Embedded Systems course, the members suggested ARM Architectures and their programming to be included.

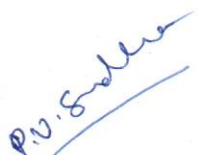
Action Taken: The suggestion was incorporated in VI Semester Syllabus of Embedded Systems course.

- c) In VI Semester, the members suggested Data Mining and Network Security courses to be given as Professional Elective – I.


Action Taken: The above mentioned courses were offered as Professional Elective – I to the students. However as students also requested for Artificial Intelligence course as part of Professional Elective – I , the same was also offered along with the above two courses.


- d) In the VII Semester, the members suggested that in place of VLSI Design course, a course on Software Project Management can be introduced.


Action Taken : The members suggestion was taken into consideration, however in view of current trend and students feedback, instead of Software Project Management to be offered in place of VLSI Design course, a course on Machine Learning with an associated lab is being put forward for the approval of BoS Members.

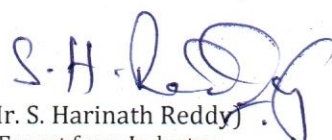

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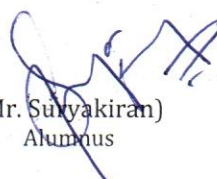

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- e) In VII Semester, the members also suggested that cloud computing lab should incorporate programs on OpenStack implementation and MPI.

Action Taken : The above suggestion was taken and a lab program related to MPI is being incorporated in Distributed & Cloud Computing Lab. With regard to Open Stack implementation, the department has started the process of procuring the required hardware and providing the required training for faculty.

- f) In VII Semester, the members suggested the following courses to be offered under Professional Electives II, III and IV.
- i) Machine Learning
 - ii) Software Quality and Testing
 - iii) Wireless Mobile Communications
 - iv) Information Retrieval Systems
 - v) Soft Computing with Optimization
 - vi) Information Storage and Management
 - vii) Graph Analytics
 - viii) Digital Image Processing


Action Taken : Out of the above mentioned courses five courses are being offered as part of Professional Electives II, III and IV:


- i) Software Quality and Assurance
- ii) Software Testing
- iii) Information Security
- iv) Information Storage Management
- v) Digital Image Processing

The course Machine Learning along with associated lab is being proposed as a Professional Core course to be offered in VII Semester.


Apart from above five courses , the following courses are also being proposed under Professional Elective II, III and IV

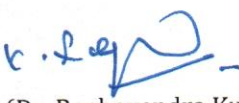
- i) Data Analytics
- ii) Advanced Algorithms
- iii) Cryptography
- iv) Software Reuse Techniques
- v) Parallel and Distributed Algorithms
- vi) Information Security
- vii) Natural Language Processing
- viii) Queuing Theory and Modelling

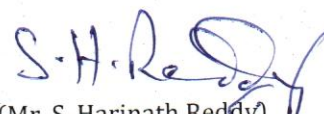

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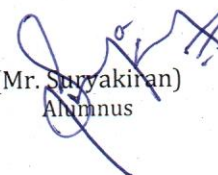

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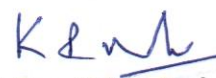

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- g) In the VIII Semester , the members suggested the following courses to be listed in Professional Electives V and VI.
- i) Digital Signal Processing
 - ii) Internet of Things
 - iii) Neural Networks and Deep Learning
 - iv) Data Analytics
 - v) Human Computer Interaction

Action Taken : Out of the above mentioned courses two courses are being offered as part of Professional Electives V and VI :

- i) Neural Networks
- ii) Deep Learning

The course Data Analytics is being proposed as a Professional Elective course to be offered in VII Semester.

Apart from above courses, the following courses are also being proposed under Professional Elective V and VI:

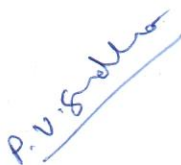
- i) Software Project Management
- ii) Computational Number Theory
- iii) Information Retrieval Systems
- iv) Agile Software Development
- v) Information Theory and Coding
- vi) Block Chain

3. a)For students admitted in the academic year 2017-18, the modifications done in Sl.No 2 are to be applied with a change in SEE:CIE marks from 70:30 to 60:40


Action Taken : The above suggestion was considered in proposing the scheme and syllabus for the students admitted in the year 2017-18.


- b) The members suggested more programs related to Binary Search Tree Traversals should be included in Advanced Data Structures Lab in III Semester.


Action Taken : Additional programs related to Binary Search Tree Traversal were included in Advanced Data Structures Lab in III Semester.

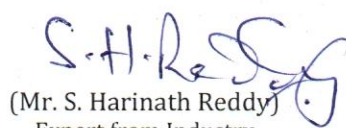

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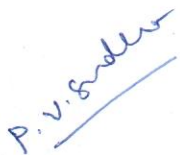
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4. The BoS members recommended the following open electives for the students admitted in 2016-17, 2017-18.

Semester	Students Admitted in Academic Year	Title of the course	Credits
III	2017-18	Introduction to Scripting Languages	2
		Fundamentals of Data Structures	2
IV	2017-18	Introduction to Database Management Systems	2
		Introduction to Software Engineering	1
V	2016-17	Introduction to Linux	1
		Introduction to Java Programming Language	2
VI	2016-17	Introduction to Web Technologies	1
		Statistical Programming using R	2

Action Taken : The above courses were offered as part of open electives for the students admitted in academic year 2016-17 and 2017-18.



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Suggestions of BoS members in the meeting held on 19.05.2018 and the action taken.

1. For the students admitted in the academic year 2018-19 , suggestions and the action taken are as follows :

- a) Information Security course can be removed from VII Semester, credits gained by removing Information Security can be added to Project – II(Main Project).

Action Taken: The course Information Security has been moved to the list of Professional Elective courses instead of Professional Core.

- b) The BoS members suggested that an orientation should be conducted for the students to help them select Professional Elective courses.

Action Taken: An orientation was already conducted for 2018-19 joining batch students at the time of their joining. In addition the orientation will be done once again before the stating of the professional elective courses.

- c) The BoS members suggested some points for the criteria of B.E Honors


Action Taken : The above suggestion was forwarded for the kind consideration of the Principal.

- d) List of MOOCs courses for B.E Honors Programs can be presented for BoS approval before offering to the students.

Action Taken : The above suggestion was forwarded for the kind consideration of the Principal.

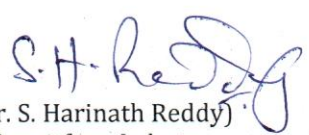

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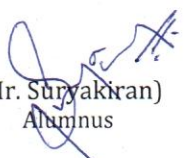
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