



VASAVI COLLEGE OF ENGINEERING (Autonomous)

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(Sponsored by Vasavi Academy of Education)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 29.03.2016

Minutes of the meeting of Board of Studies, Computer Science & Engineering Department, held at 02.00 PM on Saturday, 26 March 2016 at Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Presents

Names	Designation
1. Prof. Dr. T Adilakshmi	Chairman & Head
2. Dr. Ch. Sobhan Babu, Assistant Professor IIT Hyderabad	OU Nominee
3. Dr. S. Sameen Fatima, Professor, Dept. of CSE, UCE Osmania University	Subject expert
4. Dr. P. Radha Krishna Principal Research Scientist at Infosys Labs, Infosys Limited	Industry representative
5. Mr. M. Umamahesh Program Manager Microsoft India Pvt. Ltd.	PG alumnus
6. Dr. Siba K. Udgata, Professor, HCU	Subject expert
7. Dr. Nagaratna P. Hegde	Professor
8. Dr. K. Ram Mohan Rao	Associate Professor
9. Ms. M. Sunitha Reddy	Asst. Professor
10. Mr R. Sateesh Kumar	"
11. Mr. K. Jairam Naik	"
12. Mr. S. Vinay Kumar	"
13. Mr. M. S. V. Sashi Kumar	"
14. Ms. V. Sireesha	"
15. Mr. V. Punna Rao	"
16. Mr. C. Gireesh	"
17. Ms. S. Suba	"
18. Mr. T. Balaji	"
19. Ms. T. Jalaja	"
20. Ms. C. Divya	"
21. Mr. I. Navakanth	"

Chairman welcomed the members and introduced the autonomy system along with the achievements of the Department and Pega University Academic Programme.

• **Scheme of Instruction & Syllabus of III/IV CSE:**

- Dr. Sobhan Babu suggested that Computer Networks from third year first semester must be swapped with Software Engineering in third year second semester and rearrange electives accordingly.
- Dr. Radhakrishna suggested open source systems lab to be included
- Few experiments must be conducted in Big Data using tools Hadoop, Mahout or Spark which can be included in Data Mining.
- Dr Sameen suggested to consider introducing summer schools.

- Dr Sameen advised to give Open electives to students
- Dr Sameen Fathima suggested to introduce Choice based credit system
- Dr. Radhakrishna suggested that few credits to be awarded based on certification done through online courses in Coursera, NPTEL or others during summer.
- Dr. Sameen Fatima and Dr. Sobhan Babu suggested Big Data to be made as Core subject as most of the companies looking for this expertise and PAES to be made as elective

The III/IV CSE Scheme of instruction is as follows

III/IV CSE Sem-1	III/IV CSE Sem-2
Database Management Systems	Web Programming and Services
Operating systems	Computer Networks & Programming
Software Engineering	Compiler Construction
Automata, Languages and Computation	Managerial Economics and Accountancy
Principles of Programming Languages	Elective
Operating systems Lab	Web Programming and Services Lab
Database Management Systems Lab	Computer Networks & Programming Lab
Software Engineering Lab	Compiler Construction Lab
Miniproject	MiniProject

- Dr. Sobhan Babu suggested to include Jasper reporting tool in DBMS Lab.
- Mr. Uma Mahesh suggested to include containers, unix kernels in OS course.
- Security concepts in Computer Networks to be shifted in Information Security
- Dr. Sameen Fatima suggested to include year of publication in books for ALC.
- Dr. Sobhan Babu suggested concurrency control to be included in WPS.
- Microservice architecture to be included suggested by Uma Mahesh.
- Dr Sobhan advised to include Springs framework as part of the WPS lab
- Mr. Uma Mahesh suggested to include Lean methodology in Software Engineering Course and JUnit in lab.
- For all courses open source links like NPTEL links to be given as references
- Mr. Uma Mahesh suggested to include Compiling kernel for Raspberry PI and Arduino in Compiler Construction lab.

T. Adilakshmi,
HOD, CSE 2/4/16