

ANNAMACHARYA INSTITUTE OF TECHNOLOGY SCIENCES:: RAJAMPET
(An Autonomous Institution)

Meeting: Board of Studies - Computer Science and Engineering

Date and Time: 07th May, 2017.

Venue: LAB-II (Bell Lab)

Minutes of 7th Board of Studies- Computer Science and Engineering meeting held on 07th May, 2017 in Bell lab(Lab-II).

Members Present:

- | | | |
|---------------------------------|---|------------------------------|
| 1. Dr. A. Subramnayam | - | Chairman |
| 2. Dr.M.RudraKumar | - | HOD |
| 3. Dr. N.Sreenath | - | Member |
| 4. Dr. S.Vasundara | - | Member |
| 5. Dr. M.Srinivasulu | - | Member |
| 6. Mr. G.Surya Narayana | - | Member |
| 7. Mr. C.V.Lakshmi Narayana | - | Member |
| 8. Mr. A.Vijaya Krishna | - | Member |
| 9. Mr. K.L.N.C.Prakash | - | Member |
| 10. Mr. M.Nageswara Prasadhu | - | Member |
| 11. Mr. P.Phanindra Kumar Reddy | - | Member |
| 12. Mr. P.Harinadha | - | Member from Graduate Alumnus |

RESOLUTIONS

Item No: 07-BOS-1:

Resolved to increase the Practical subjects in each semester.

Item No: 07-BOS-2:

Resolved to change the “ Problem Solving Techniques & Introduction to C Programming” as “Problem Solving & C Programming” in I B.Tech I semester.

Item No: 07-BOS-3:

Resolved to remove the “Engineering Drawing-II” from I B.Tech II semester.

Item No: 07-BOS-4:

Resolved to change the “English Through Literature” as “English” in I B.Tech I semester.

Item No: 07-BOS-5:

Resolved to introduce the “Design and Analysis of Algorithm Lab” in the II B.Tech II semester.

Item No: 07-BOS-6:

Resolved to Shift the “Cryptography and Network Security” and Software Testing Methodologies in III B.Tech II Semester.

Item No: 07-BOS-7:

Resolved to change the “Object Oriented Analysis & Design” from IV B.Tech I Semester to III B.Tech II Semester.

Item No: 07-BOS-8:

Resolved to Modify & change the name of “Smart Phone Programming” as “Mobile Application Development” from III B.Tech II Semester to IV B.Tech I Semester.

Item No: 07-BOS-9:

The following are the changes and modifications approved by the members of BOS for U.G.

S. No.	Year & Semester	Existing	Modified
1	I B. Tech. I Semester	English Through Literature	Technical English and Professional Communication Reason: Title have been reproduced as per the syllabus.

2		Problem Solving Techniques & Introduction to C Programming	Problem Solving & C Programming Reason: Title have been simplified.
3		Engineering Drawing-I	Basic Engineering Drawing Reason: Title have been renamed so that it can reflect subjects nature.
4		English Language Communication Skills Lab-I	English Language Communication Skills Lab Reason: Title had reconstructed & remove roman I because there is no continuity in further semesters.
5		Engineering Chemistry Lab	Engineering Chemistry and Engineering Workshop Lab Reason: Engineering Workshop have been added to make learn the basics of this subject which is helpful for hardware construction.
6			Mathematical Methods-I is removed Reason: Already maths subject is there in I semester instead of again,subject have been replaced with some other to give knowledge in different aspects.
7		Engineering Chemistry	In Engineering Chemistry Subject: Conductometry Chapter is added in Unit-II Reason: because this topic is useful for the student to understand the standards of subject
8		I B. Tech. II Semester	C Programming & Data Structures
9	Engineering Drawing-II		Electrical & Electronics Engineering Reason: Already I semester covers engineering drawing so instead to improve knowledge in electronic side this subject have been replaced with Electrical & Electronics Engineering.
10			Environmental Science is moved from II B.Tech. II Semester to I B.Tech. II Semester Reason: Early introduction With the intension that student have to know ethics of society.
11			Mathematical Methods-1 is removed. Reason: Already Maths subject is there in I semester instead of again,

			subject have been replaced with some other to give knowledge in different aspects.
12		Electrical & Electronics Engineering	Basic Electrical and Electronics Engineering Reason: Title have been changed accordingly so as to justify the syllabus.
13		Electrical & Electronics Engineering lab	Basic Electrical & Electronics Engineering Lab Reason: Title have been changed accordingly so as to justify the syllabus.
14			Audit Course: Gender Sensitization Reason: Is introduced to make aware of the students about this course which can help them to improve their skill when works in a team/entrepreneur .
15	II B. Tech. I Semester		Engineering Mathematics-III is Reason: Added in the curriculum, because it is useful in logic design.
16		Principles of Programming Languages	Database Management Systems Reason: Principles of Programming Languages covers all the basics of different programming languages which automatically full filling all programming subjects so this has been removed and added database systems which will be help full in administrative side.
17			Web Programming Reason: Because to meet industrial needs.
18			Web Programming Lab Reason: Because to meet industrial needs .
19			Database Management Systems lab is shifted from II B. Tech. II Semester to II B. Tech. I Semester Reason: To provide practical knowledge along with theoretical
20		Digital Logic & Design	In the Digital Logic & Design Subject: Introduction to HDL Topic is removed in Unit-V Reason: Because this topic is less beneficial for the student.
21			In the Discrete Mathematics Subject: Enumeration of Combinations & Permutations

			Topic is removed in Unit-III, Reason: Because going to be covered in another subject(Probability & Statistics).
22	II B. Tech. II Semester	Environmental Science	Probability & Statistics Reason: Already Environmental Science covered in II I semester replaced with Probability & Statistics.
23		Object Oriented Programming	Object Oriented Programming Using Java Reason: Title change to reflect java importance in subject.
24			Operating Systems is shifted from III B. Tech. I Semester to II B. Tech. II Semester
25			Operating Systems Lab is introduced in II B. Tech. II Semester
26			Design analysis and algorithms Lab Reason: Because to meet industrial needs.
27		Operating systems	In the Operating System subject Communication in Client-Server System topic is removed in Unit-I, Reason: Because it is going to get cover in client server communication subject, and less beneficial in operating systems.
28		III B. Tech. I Semester	
29			Python Programming Reason: Introduced to meet industrial needs.
30	System Programming Lab(CN,OS & CD)		System Programming Lab(CN & CD)
31			Advanced Java Programming Lab, Reason: Because to meet industrial needs.
32	Microprocessors and Interfacing Lab & Web Technologies Lab		Microprocessors and Interfacing & Python Programming Lab Reason: Instead of web programming added python programming more advanced concepts.
33	Compiler Design		In the Compiler design subject Attributed Grammar Concept is added in Unit-IV Reason: As it is a basic important

			concept useful to understand grammars topic.
34		Computer Networks	In the Computer Networks Subject Network Security Topic is added in Unit-V, Reason: As security is the base of networks topic have been added..
35		Software Engineering	In the Software Engineering Subject Testing Object-Oriented Program topic is removed in Unit-IV Reason: As it is having less importance throughout the syllabus topic have been removed.
36	III B. Tech. II Semester	Cryptography and Network Security	Software Testing Methodologies Made compulsory to understand the testing concepts.
37		Software Testing Methodologies (Professional Elective-I)	Cryptography and Network Security (Professional Elective-I) Reason: As already computer networks had introduced security concepts made it as elective.
38		Smart Phone Programming	Object Oriented Analysis and Design Reason: Swapped with Smart Phone Programming in later stage this subject is going to be study as Mobile Application Development.
39		Smart Phone Programming through Android Lab	Case Tools Lab Reason: To give practical knowledge of Object Oriented Analysis and Design
40			MOOCs is shifted from IV B. Tech. I Semester to III B. Tech. II Semester Reason: Early introduction to make aware of online course to students and its importance.
41		DataMining & Data Warehousing	In the Data Mining & Data Warehousing subject, measures of Similarity & Dissimilarity topic is added in Unit-I Reason: Because this topic will give a basic continuity to learn next topics with less difficulty level.
42		Internet of Things	In the Internet of Things Subject,A Case Study on Home Automation topic is added in Unit-V Reason: Because this topic will give profound knowledge on

			automation technique to students.
43		Object Oriented Analysis & Design	In the Object Oriented Analysis & Design subject, A case study on Office Management System is added in Unit-V Reason: As this will make student learn a better example of design.
44		Software Testing Methodologies	In the Software Testing Methodologies Subject Regression Testing Topic is added in Unit-V Reason: This topic will give another level of testing strategies.
45		Artificial Intelligence	In the Artificial Intelligence Subject Fuzzy Logic topic is added in Unit-V Reason: Fuzzy logic is a sets theory which is very use full for logic design of pattern recognition.
46	III B. Tech. II Semester	Cryptography & Network Security	In the Cryptography & Network Security, man in the middle attack topic is added in Unit-I. Reason: This topic act as a basic for attacks in security so knowledge on this needed.
47		Mobile Adhoc Networks	In the Mobile Adhoc Networks, Geographical Based Routing topic is added in Unit-III Reason: As it's a running topic in real world.
48		Object Oriented Analysis and Design	Mobile Application Development Reason: Already Object Oriented Analysis and Design covered in previous year so new subject have been introduced.
49			Professional Elective-II is shifted from III B. Tech. II Semester to IV B. Tech. I Semester
50	IV B. Tech. I Semester		Open Electives is shifted from IV B. Tech. II Semester to IV B. Tech. I Semester
51		Big data & Case Tools Lab	Big data Lab Reason: Concepts of case tools lab is covered in previous semester removed here.
52		Case Tools Lab	Mobile Application Development Lab Reason: To provide practical knowledge

53		Comprehensive Computer Science & Engineering	CVV Reason: Title changed for its simplicity.
54		Enterprise Programming	In the Enterprise Programming subject, A Case Study on Creating Office website is added in Unit-V Reason: To improve self-ability to create a web site.
55		Mobile Application Development	In the Mobile Application Development subject, A Case Study on Apps Creation is added in Unit-V. Reason: To improve self-ability to create a web site.
56		Distributed Systems	In the Distributed Systems Subject, A case study Tapestry is removed in Unit-III Reason: To reduce the syllabus which is already vast removed less gainful topic.
57		Open Elective	Professional Elective-III
58		Cloud Computing	In the Cloud Computing Subject Software Licensing topic is removed in Unit-II Reason: Removed as it will get covered in installation itself not to mention separately.
59	IV B. Tech. II Semester	Operation Research	In the Operation Research Subject Travelling Salesman Problem topic is removed in Unit-II
60		Semantic Web and Social Networks	In the Semantic Web and Social Networks, the topic Limitations of Today Web is changed to Issues and Challenges in web. Reason: As because to make students learn it in detail.
61	IV B. Tech. II Semester	Advanced Computer Architecture	In the Advanced Computer Architecture subject, Architectural Development Track topic is added in Unit-I, Reason: Because to make the aware on this concept.
62		Software Architecture	In the Software Architecture, Issues in creating a software architecture in Unit-I added. Reason: As a students should have skill of detecting issues going to face in creating.

63		Computer Graphics & Human Computer Interaction	In the Computer Graphics & Human Computer Interaction Effects of Good Design in Unit-IV Reason: Added to get the understanding of good design.
64		Web Services	In the Web Services, Challenges in Distributed Computing is removed in Unit-I Reason: Make aware of challenges faced in distributed computing by student.
65		Computer Vision	In the Computer Vision Subject, Image Based Rendering topic is removed in Unit-V Reason: This topic is already covered in basics of rendering concepts no need to learn it repeatedly.

This report is to be presented in the next Board of Studies meeting for its approval and feedback.

(Dr.M.Rudra Kumar)
HOD -CSE,
AITS. Rajampet



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(An AUTONOMOUS Institution)

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(Approved by A.I.C.T.E, New Delhi & Affiliated to Jawaharlal Nehru Technological University, Anantapur)

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Minutes of the 8th Academic Council meeting held at 10.30 a.m. on Saturday the 27th May 2017.

Members Present :

1	Dr. SMV Narayana	Chairman
2	Dr. Y. Sreeramulu	Ex-officio
3	Dr. M. Padma Lalitha	"
4	Dr. N. Venkata Chalapathi	"
5	Dr. CH. Nagaraju	"
6	Dr. M. Rudra Kumar	"
7	Dr. K. Prasanna	"
8	Dr. B. Bala Nagendra Prasad	"
9	Dr. C. Madanakumar Reddy	"
10	Dr. P. Subramanyam	"
11	Sri. K. Sreenivasa Rao	Member
12	Sri. M. Maruthi Prasad	"
13	Sri. O. Hemakesavulu	"
14	Sri. T. Naresh Kumar	"
15	Sri. B. Nagaraja Gupta	Outside Expert
16	Sri. Abhijeeth Bhallurkar	"
17	Mr. M. Koteswara Rao	
18	Dr. V.C. Veera Reddy	
19	Prof. K. Rama Naidu	University Nominee
20	Prof. K. Prahlada Rao	"
21	Dr. G. Prabhakara Rao	Member Secretary

Members Absent :

1. Dr. A. Ananda Rao University Nominee
2. Sri. Pala Sankaram Outside Expert

1. Resolved to ratify the Minutes of the previous meeting held on 01.07.2016.
2. Boards of Studies met on 07.05.2017 and recommended academic guidelines which are kept for the approval of Academic Council. After lengthy discussion, Academic Council resolved as indicated herein.

(i) BoS Recommendation - 1

Resolved to increase Laboratory / Practical subjects in each semester to give more practical exposure for the students.

- After lengthy discussion, the Academic Council resolved to ratify the course structure and the regulations framed by Boards of Studies.

(ii) BoS Recommendation - 2

At present, a provision of revaluation is available for the students who are not satisfied with their end examination results in theory subjects. Based on requests received from the students and suggestions from the expert members of various committees visited it is resolved to introduce challenge valuation.

➤ After lengthy discussion the Academic council resolved as below:

- Students can apply for challenge valuation after declaration of revaluation results by paying Rs.10,000/- per subject. On receipt of the fee, the photocopy of the answer booklet shall be given to the student on notified date.
- If the improvement in marks is 15% or above of maximum marks, the improved marks will be awarded to the student. Otherwise, there will be no change in previous marks.
- If the improvement in marks is 15% or above of maximum marks, an amount of Rs.9,000/- will be refunded to the student. If the student's status changes from FAIL to PASS, an amount of Rs.5000/- will be refunded to the student. Otherwise, the student will forfeit the total amount which he/she paid.
- No Challenge Valuation for Laboratory Examination.

(iii) BoS Recommendation - 3

In present R15 regulation MOOC Course is offered in IV B.Tech. II-Semester and it is resolved to shift this course to IV B.Tech. I-Semester.

➤ Academic Council resolved to ratify the above recommendation.

(iv) BoS Recommendation - 4

It is resolved to introduce industrialization course as an open elective for the benefit of students to get the exposure to industry related activities.

➤ Academic Council resolved to ratify the above recommendation.

(v) BoS Recommendation - 5

It is resolved to introduce 'Gender Sensitization' as audit course in B.Tech. 1st year.

➤ Academic Council resolved to ratify the above recommendation.

(vi) It is resolved to give the extension to the M.Tech. students beyond their stipulated maximum period of 4 years by collecting 1/3 of annual tuition fee.

- (vii) It is resolved to collect $\frac{1}{4}$ of annual tuition fee from PG students for extension of every semester to submit their thesis beyond the stipulated course duration with a grace period of 6 months.
- (viii) A certificate in extracurricular / extension activities is a must for the student to become eligible for the award of provisional certificate or degree. It is resolved that participation to the extent of 65% attendance is enough for the students to become eligible for the award of degree in above activities.
- (ix) It is resolved to provide re-registration facility for PG students to a maximum of three subjects by paying $\frac{1}{3}$ of annual tuition fee and the students can utilize this facility after the completion of stipulated course period as and when the course/s are offered. The student has to satisfy the institute attendance norms in the re-registered subjects. Otherwise, he/she will not be permitted to appear for end examinations.
- (x) It is resolved to continue to follow the guidelines of General Moderation approved in second Academic Council meeting held on 9th October 2011 till further modification.



Dr. G. PRABHAKARA RAO
Member Secretary