

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

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**Meeting:** Board of Studies - Computer Science and Engineering












**Date and Time:** 05<sup>th</sup> June, 2016.

**Venue:** LAB-II (Bell Lab)

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**Minutes of 6<sup>th</sup> Board of Studies- Computer Science and Engineering meeting held on 05<sup>th</sup> June, 2016 in Bell lab( Lab-II).**

**Members Present:**

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

**RESOLUTIONS**

**Item No: 06-BOS-1:**

Resolved to introduce the “Internet of Things” in III B.Tech II semester.

**Item No: 06-BOS-2:**

Resolved to introduce the “Smart Phone Programming” in III B.Tech II semester.

**Item No: 06-BOS-3:**

Resolved to introduce the “Professional Electives” from III B.Tech II semester to IV B.Tech II semester.

**Item No: 06-BOS-4:**

Resolved to introduce the “MOOC” in IV B.Tech I semester.

**Item No: 06-BOS-5:**

Resolved to introduce the “Open Electives” in IV B.Tech II semester.

**Item No: 06-BOS-6:**

Resolved to introduce the “Audit Courses” in the Curriculum Structure..

**Item No: 06-BOS-7:**

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

S. No.	Year & Semester	Existing	Modified
1	II B. Tech. I Semester	Mathematical Foundation of Computer Science	Discrete Mathematics <b>Reason:</b> Title has been redefined to simplify.
2		Advanced Data Structures Lab using C++	Advanced Data Structures Lab through C++ <b>Reason:</b> Title has been redefined to projects its actual meaning.
3			Sports & Extension Activities <b>Reason:</b> To make students involve in extra curricular activities.
4		Electrical Engineering and Electronics Engineering	<ul style="list-style-type: none"> <li>In the Electrical Engineering and Electronics Engineering subject the topics: Brake Test, Swin Burne’s Test &amp; Speed Control Methods topics is added in Unit-III. Because this knowledge will be used further.</li> <li>Characteristics of CE Configuration topic is added in Unit-IV. Because this knowledge will be used further.</li> <li>The topics Concepts of Feedback Amplifier &amp; Necessary Conditions for Oscillators is removed in Unit-IV. Because the basics of these topics are covered above.</li> <li>Deflection Sensitivity, Electronic &amp; Magnetic Deflection topics are removed in Unit-V. Because these topics are useless further.</li> </ul>
5		II B. Tech. II Semester	Software Engineering

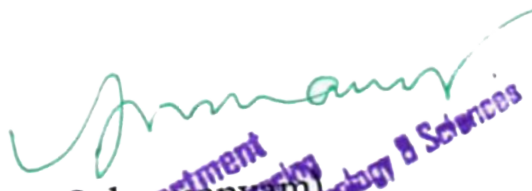
6	III B. Tech. I Semester	Object Oriented Programming through Java	Object Oriented Programming <b>Reason:</b> Title has been redefined to simplify.
7		Object Oriented Programming through Java Lab	Java Lab <b>Reason:</b> Title has been redefined to simplify.
8		Design and Analysis of Algorithm	In the Design and Analysis of Algorithm Subject: The Chapter Basic Traversal & Search Techniques is removed. <b>Reason:</b> Because this topic is covered in the introduction.
9		Formal Languages and Automata Theory	In the Formal Languages and Automata Theory Subject: Chomsky Hierarchy of Languages topic is added in Unit-I. <b>Reason:</b> Because this knowledge will be used further. The topics NP Problem is removed in Unit-V. <b>Reason:</b> Because this topic is covered in Design and Analysis of Algorithm subject.
10		Design and Analysis of Algorithms	Software Engineering <b>Reason:</b> swapped with Design and Analysis of Algorithms in previous semester.
11		-	Audit Course: Stress Management/Professional Ethics <b>Reason:</b> To bring awareness regarding ethics
12		Computer Networks	In the Computer Networks Subject: The topics 3G Mobile Phone Networks, RFID & Sensor Networks is added in Unit-I. <b>Reason:</b> Because this knowledge will be used in higher studies. <ul style="list-style-type: none"> <li>The chapter Streaming Audio &amp; Video, Content Delivery is added in Unit-V.</li> <li><b>Reason:</b> Because this knowledge will be used further.</li> <li>The topics Network Security, E-Mail, WWW topics is removed in Unit-V. <b>Reason:</b> Because this topic is already covered.</li> </ul>
13		Operating Systems	In the Operating Systems Subject: The topics Process Management Case Studies on Unix, Windows is removed in Unit-I. Because to make the student concentrate on other topics which are more useful than this. <ul style="list-style-type: none"> <li>The topics IPC, Communication in Client-Server Systems is added in Unit-I. <b>Reason:</b> Because this knowledge will</li> </ul>

			<p>be used further.</p> <ul style="list-style-type: none"> <li>The Chapter Multithreaded Programming is added in Unit-II. <b>Reason:</b> Because this knowledge will be used further.</li> </ul> <p>The topics Concurrency Case Studies on Unix, Windows is removed in Unit-II. <b>Reason:</b> Because to make the student concentrate on other topics which are more useful than this.</p> <ul style="list-style-type: none"> <li>The topic STREAMS in I/O Systems is removed in Unit-V. <b>Reason:</b> Because student already concentrated on this topic.</li> </ul>
14	III B. Tech. II Semester	Data Warehousing & Mining	Data Warehousing & Mining is renamed as Data Mining & Data Warehousing from 4-1 to 3-2 in the Curriculum.
15			Internet of Things <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
16			Smart Phone Programming <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
17			Artificial Intelligence <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
18			Mobile Adhoc Networks <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
19			Real Time Systems <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
20			Client Server Computing <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
21			Machine Learning <b>Reason:</b> Introduced so as to compete with the upcoming technological needs.
22			Software Project Management is Shifted from IV B. Tech. I Semester to III B. Tech. II Semester
23			DataMining & IoT Lab
24			Smart Phone Programming through Android Lab
25			Audit Course: Advanced English Communication Skills Lab

26		Data Warehousing & Mining	The Subject Data Mining & Data Warehousing Text Book and Syllabus is changed entirely.
27		Distributed Systems	In the Distributed Systems Subject: The topic Sun Network File Service architecture is removed in Unit-II. <b>Reason:</b> Because to make the student concentrate on other topics which are more useful than this. The Case Study Tapestry is removed in Unit-III. <b>Reason:</b> Because to make the student concentrate on other topics which are more useful than this.
28	IV B. Tech. I Semester		BigData & Data Analytics
29			Object Oriented Analysis & Design is shifted from III B.Tech.II Semester to IV B.Tech.I Semester
30			Industrial Management & Entrepreneurship
31			Operation Research
32			Semantic Web & Social Networks
33			Cloud Computing
34			Service Oriented Architecture is shifted from IV B.Tech.II Semester to IV B.Tech.I Semester
35			MOOCs
36			BigData & Case Tools Lab
37	IV B. Tech. II Semester		Open Electives is introduced in the subject
38			Digital Image Processing
39			Software Architecture is shifted from IV.B.Tech. I Semester to IV.B.Tech. II Semester
40			Advanced Computer Architecture is shifted from IV.B.Tech. I Semester to IV.B.Tech. II Semester
41			Soft Computing
42	IV B. Tech. II Semester		Computer Graphics & Human Computer Interaction

43			Computer Vision
44		Design Patterns	Design Patterns through Java
45			Web Services
46		Design Patterns	<p>In the Design Patterns through Java Subject: The topic Basic Pattern is added in Unit-I.</p> <p><b>Reason:</b> Because to meet the industrial needs.</p> <ul style="list-style-type: none"> <li>The chapter Collectional Patterns is added in Unit-II.</li> </ul> <p><b>Reason:</b> Because to meet the industrial needs.</p> <ul style="list-style-type: none"> <li>The Chapter Concurrency Pattern is added in Unit-V.</li> </ul> <p><b>Reason:</b> Because this topic is necessary for good understanding on the subject. In the Unit-II the chapter Case Study is removed.</p> <p><b>Reason:</b> Because to make the student concentrate on other topics which are more useful than this.</p>

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

  
 (Dr. A. Subramanyam)  
 Chairman-BOS-CSE,  
 AITS, Rajampet  
 Head of the Department  
 Computer Science Engineering  
 Autonomous  
 Rajampet-516 128, Krishna Dist.



# ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET

(An AUTONOMOUS Institution)

Thallapaka Panchayath, New Boyanapalli, RAJAMPET, Kadapa Dist., A.P.-516 126.

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

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## Minutes of the 7<sup>th</sup> Academic Council meeting held at 10.30 a.m. on Friday the 1<sup>st</sup> July 2016.

### Members Present :

1	Dr. SMV Narayana	Chairman
2	Dr. A. Subramanyam	Ex-officio
3	Dr. N. Venkata Chalapathi	"
4	Dr. M. Padma Lalitha	"
5	Prof. B. Abdul Rahim	"
6	Prof. M. Subba Rao	"
7	Dr. Y. Sreeramulu	"
8	Dr. M.C. Raju	"
9	Dr. N. Mallikharjuna Rao	"
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	Dr. A. Ananda Rao	University Nominee
18	Prof. K. Rama Naidu	"
19	Prof. K. Prahlada Rao	"
20	Dr. G. Prabhakara Rao	Member Secretary

### Members Absent :

1. Mr. M. Koteswara Rao Outside Expert
2. Dr. V.C. Veera Reddy "
3. Sri. Pala Sankaram "

1. Resolved to ratify the Minutes of the previous meeting held on 25.10.2015.
2. Boards of Studies met on 05.06.2016 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 conduct 2 mid examinations in each semester, the first mid examination after the completion of two units and the 2<sup>nd</sup> mid examination after the completion of the remaining three units as already decided in the previous Boards of Studies meetings. But instead of considering the best one mid examination out of the two, it is resolved to give weightage to both the mid examinations in the ratio of 70% and 30% for the better

performed mid examination and the other mid examination. However, the student who has missed one or both the mid examinations will be permitted to appear for a mid exam in the 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> units which will be a substitute for one missed mid exam. This is to be conducted before the commencement of end semester exams, can be even outside the working hours, can be even two mid exams a day. 20 internal marks will be allotted to these mid examinations. Seven (7) internal marks will be allotted for the continuous evaluation, the method of evaluation for allotting these marks will be varying from subject to subject, which will be decided by the teacher dealing the subject in consultation with the Head of the Department and that method announced to the students clearly in the beginning of the semester.

In each subject, three internal marks will be allocated to the students based on the attendance, one mark if the attendance put in is more than 75%, one more mark if the attendance is more than 80% and one more mark if the attendance is more than 90%.

➤ **After lengthy discussion, the Academic Council resolved as below:**

- Weightage given to both the mid examinations in the ratio of 80% and 20% for the better performed mid examination and the other mid examination.
- The student who has missed both the Mid examinations will be permitted to appear for a substitute examination covering the total syllabus for 80% weightage.
- Resolved to allot 10 marks for continuous evaluation and no weightage for attendance.

(ii) **BoS Recommendation - 2**

*It is resolved to include foundation courses to the extent of 30%, programme core and programme elective subjects to the extent of 60%, open electives and mandatory courses to the tune of 10% approximately of the total credits.*

- **It is resolved by the Academic Council to implement as above.**

(iii) **BoS Recommendation - 3**

*It is resolved to introduce audit courses namely Professional Ethics, Stress Management & Advanced English Communication laboratory to all the students. No weightage in the form of credits is given to these courses but attendance for these courses will be counted for taking a decision to permit the student for end examinations / condonation / detention.*

- **Academic Council resolved to ratify the above recommendation.**

(iv) **BoS Recommendation - 4**

*At the end of each even semester examinations, after the publication of the results for that semester, an advanced supplementary examination will be conducted for the even semester subjects and the results will be announced before the commencement of classwork for the next semester.*

- **After lengthy discussion, the Academic Council denied the above.**



(v) **BoS Recommendation – 5**

*It is resolved to permit the student for an improvement examination in the semester end examination if the student so desires, inspite of securing pass mark in that end examination. The student can utilize this facility for improvement in the immediate next semester examinations, however, without applying for the marks statement of the present semester.*

- **The Academic Council resolved to permit the students for improvement examination once for Four subjects after completion of the study course but before applying for Provisional Certificate and consolidated marks memo.**

(vi) **BoS Recommendation – 6**

*It is resolved to give weightage of two credits for an internship of three weeks duration and more, when a student undergoes internship / industrial training from the specified industries / research organizations / Universities. In such a case, the student has to submit a report on that internship which will be evaluated by a team of three faculty members (decided by the HOD) of the department for those two credits. Student is given a chance to drop one seminar in place of a successful internship / industrial training.*

- **Academic Council resolved to ratify the above recommendation.**

(vii) **BoS Recommendation – 7.**

*It is resolved to schedule two theory subjects, a MOOC (Massive Open Online Course), a seminar and a project work in the IV B.Tech. II-Sem. The two theory subjects can be core or elective subjects. MOOC can be an elective subject.*

- **Academic Council resolved to ratify the above recommendation.**

(viii) **BoS Recommendation – 8.**

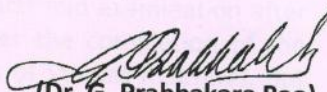
*It is resolved to permit the student to select one of the extra curricular / extension activities like NSS / Sports / Games / Cultural activities and issue a certificate to the extent that the student has completed this activity successfully. A certificate in one of these activities is a must for the student to become eligible for the award of Provisional Certificate or Degree.*

- **Academic Council resolved to ratify the above recommendation.**

(ix) **BoS Recommendation – 9.**

*It is resolved to award 4 credits for one SCI journal publication when a student publishes the paper as the main author. He/She may be allowed to drop one elective subject in this place.*

- **After lengthy discussion, the Academic Council denied the above.**

  
(Dr. G. Prabhakara Rao)  
Member Secretary