



Aditya College of Engineering & Technology (A)

(An Autonomous Institution)

Approved by AICTE, New Delhi * Permanently Affiliated to JNTUK, Kakinada

Accredited by NBA * Accredited by NAAC A+ Grade with CGPA of 3.40

Recognized by UGC Under Sections 2(f) and 12(B) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem, Gandepalli Mandal, Kakinada District – 533437, AP

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Department of Information Technology

2nd Board of Studies

Minutes of Meeting

Meeting Date	13 – 07 – 2024
Meeting Time	11:00 AM to 12:40 PM
Meeting Location	Department R & D Cell
Meeting Facilitator	Mr. R V V N Bheema Rao, BoS – Chairperson
Attendees	External & Internal Members of BoS
Mode of Meeting	Hybrid

Meeting Agenda

- 2.1 Welcome Address by Chairperson
- 2.2 Discussion on Program Structure (2nd Year BTech – IT)
- 2.3 Discussion on ACETR23 Proposed Syllabus (3rd & 4th Semesters)
- 2.4 Reporting Items
 - 2.4.1 Student Admissions, Success Rate & Placement Details
- 2.5 Other Items
 - 2.5.1 Skill Oriented Courses (UG)
 - 2.5.2 MOOCs Courses (UG)
 - 2.5.3 Internship (UG)
 - 2.5.4 Project (UG)
 - 2.5.5 Professional Elective / Open Elective (UG)
- 2.6 Schedule of next BoS meeting
- 2.7 Vote of Thanks

Resolutions of 2nd Board of Studies Meeting

Rheema
Head of the Department
Dept. of IT
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2.1 Welcome Address by Chairperson

The chairperson welcomed all the members of the BoS who are present online and offline, and started the meeting with the introduction of the members and presented the highlights of the department and about the merger of ACoE into ACET from AY 2024 – 25

- From AY 2023 – 24 onwards an increase in the intake of UG program from 60 to 120
- After merger from AY 2024 – 25 onwards the intake of UG program is 180

2.2 Discussion on Program Structure (2nd Year BTech – IT)

The undergraduate program structure which was designed exclusively for second year 3rd semester & 4th semesters was presented to the expert members and also discussed about the distribution of the credits among various categories up to 4th semester

S No	Category	Breakup of Credits 160	Percentage of Credits	AICTE Recommended Percentage
1	HM	13	8%	8 – 9%
2	BS	20	13%	12 – 16%
3	ES	23.5	14%	10 – 18%
4	PC	54.5	34%	30 – 36%
5	PE / OE / SEC	33	21%	19 – 23%
6	PR	16	10%	8 – 11%
7	MC	No – Credits	---	---

HM – Humanities & Social Sciences including Management

BS – Basic Sciences

ES – Engineering Sciences

PC – Professional Core

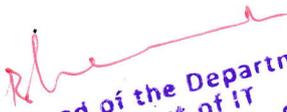
PE – Professional Elective

OE – Open Elective

SEC – Skill Enhancement Course

PR – Internship & Project Work

MC – Mandatory Course

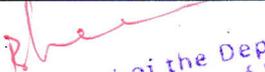

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1st Semester						
S No	Category	Course Title	L	T	P	C
1	BS	Engineering Physics	3	0	0	3
2	BS	Linear Algebra & Calculus	3	0	0	3
3	ES	Basic Civil & Mechanical Engineering	3	0	0	3
4	ES	Introduction to Programming	3	0	0	3
5	HM	Communicative English	2	0	0	2
6	ES	Engineering Workshop	0	0	3	1.5
7	ES	Computer Programming Lab	0	0	3	1.5
8	BS	Engineering Physics Lab	0	0	2	1
9	HM	Communicative English Lab	0	0	2	1
10	HM	Health and Wellness, Yoga and Sports	0	0	1	0.5
						19.5

2nd Semester						
S No	Category	Course Title	L	T	P	C
1	BS	Chemistry	3	0	0	3
2	BS	Differential Equations & Vector Calculus	3	0	0	3
3	ES	Basic Electrical and Electronics Engineering	3	0	0	3
4	PC	Data Structures	3	0	0	3
5	ES	Engineering Graphics	1	0	4	3
6	ES	Electrical and Electronics Engineering Workshop	0	0	3	1.5
7	PC	Data Structures Lab	0	0	3	1.5
8	ES	IT Workshop	0	0	2	1
9	BS	Chemistry Lab	0	0	2	1
10	HM	NSS / NCC / Scouts & Guides /CommunityService	0	0	1	0.5
						20.5

3rd Semester						
S No	Category	Course Title	L	T	P	C
1	BS	Discrete Mathematics & Graph Theory	3	0	0	3
2	HM	Universal Human Values - Understanding Harmony and Ethical Human Conduct	2	1	0	3
3	ES	Digital Logic & Computer Organization	3	0	0	3
4	PC	Advanced Data Structures & Algorithms Analysis	3	0	0	3
5	PC	Object Oriented Programming through Java	3	0	0	3
6	PC	Advanced Data Structures & Algorithm Analysis Lab	0	0	3	1.5
7	PC	Object Oriented Programming through Java Lab	0	0	3	1.5
8	SEC	Python Programming	0	1	2	2
9	MC	Environmental Science	2	0	0	0
						20

4th Semester						
S No	Category	Course Title	L	T	P	C
1	HM	Optimization Techniques	2	0	0	2
2	BS	Probability & Statistics	3	0	0	3
3	PC	Operating Systems	3	0	0	3
4	PC	Database Management Systems	3	0	0	3
5	PC	Software Engineering	3	0	0	3
6	PC	Operating Systems & Software Engineering Lab	0	0	3	1.5
7	PC	Database Management Systems Lab	0	0	3	1.5


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8	SEC	Python with Django	0	1	2	2
9	HM	Design Thinking & Innovation	1	0	2	2
10	MC	Community Service Project	0	0	0	0
						21

Category	Credits
BS	20
HM	11
ES	20.5
PC	25.5
SEC	4

2.3 Discussion on ACETR23 Proposed Syllabus (3rd & 4th Semesters)

The BoS Chairperson has presented the detailed syllabus designed for 3rd semester and 4th semester courses to the expert members, the courses are listed below

- i) Digital Logic & Computer Organization
- ii) Advanced Data Structures & Algorithms Analysis
- iii) Object Oriented Programming through Java
- iv) Advanced Data Structures & Algorithm Analysis Lab
- v) Object Oriented Programming through Java Lab
- vi) Python Programming
- vii) Operating Systems
- viii) Database Management Systems
- ix) Software Engineering
- x) Operating Systems & Software Engineering Lab
- xi) Database Management Systems Lab
- xii) Python with Django

2.3.1 The course title of Advanced Data Structures & Algorithms is proposed to change as Advanced Data Structures & Algorithms Analysis to provide a common course code for both Computer Science & Engineering and Information Technology as the course content is same.

2.3.2 The course title of Advanced Data Structures Lab is proposed to change as Advanced Data Structures & Algorithms Analysis Lab to provide a common course code for both Computer Science & Engineering and Information Technology as the course content is same.

2.3.3 The expert members suggested to incorporate experiments related to inter process communication in the lab course titled Operating Systems & Software Engineering Lab

2.3.4 The expert members suggested to change the acronym MVC to MVT in the course outcome 2 of Python with Django course.

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2.4 Reporting Items

2.4.1 Student Admissions, Success Rate & Placement Details

The Chairperson of BoS has presented the comparison of student admissions, number of students graduated and placement details for the last 3 academic years and last 3 batches.

2.5 Other Items

2.5.1 Skill Oriented Courses (UG)

2.5.2 MOOCs Courses (UG)

2.5.3 Internship (UG)

2.5.4 Project (UG)

2.5.5 Professional Elective / Open Elective (UG)

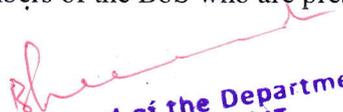
The BoS Chairperson has mentioned the above items in detailed about the evaluation and from which semester onwards these courses will be incorporated in the program structure, item number 2.5.1 total 5 Skill Oriented Courses will be offered from 3rd semester to 7th semester and will be assessed for internal 30 marks and external 70 marks, item number 2.5.2 MOOCs courses can be completed in place of Professional Elective with a 12 weeks duration and proctored examination, item number 2.5.3 Two Internships with 8 weeks duration has to be completed and shall be evaluated for 50 marks each only external assessment, item number 2.5.4 Project work has to be completed in 8th semester 60 marks internal assessment and 140 marks external assessment, item number 2.5.5 (CBCS) 5 Professional Electives and 4 Open Electives are incorporated from 5th semester to 7th semester and will be assessed for internal 30 marks and external 70 marks.

2.6 Schedule of next BoS meeting

The chairperson of the BoS proposed that the next BoS (i.e. 3rd Board of Studies meeting) will be scheduled in the month of April 2025

2.7 Vote of Thanks

One of the senior faculty member of the department has given the vote of thanks to all the members of the BoS who are present online and offline


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Resolutions of 2nd Board of Studies Meeting

Res No. 2.2

The expert members have agreed to the program structure proposed for the 2nd Year BTech – IT

Res No. 2.3

The expert members have agreed to the proposed syllabus for the 3rd and 4th semesters

Res No. 2.3.1

The members have agreed to the proposal of the change in course title as Advanced Data Structures & Algorithms Analysis

Res No. 2.3.2

The members have agreed to the proposal of the change in course title as Advanced Data Structures & Algorithms Analysis Lab

Res No. 2.3.3

The BoS chairperson and the members of BoS agreed to incorporate the experiments related to inter process communication

Res No. 2.3.4

The BoS chairperson and the members of the BoS agreed to change the acronym from MVC to MVT

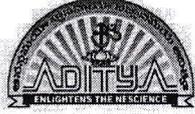
Res No. 2.5

The expert members has agreed to the proposed items 2.5.1, 2.5.2, 2.5.3, 2.5.4, 2.5.5

Res No. 2.6

All the members agreed to the schedule of next BoS meeting


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2nd Board of Studies Meeting

13 – 07 – 2024

S No	Member Name	Designation	Position in BoS	Signature
1	Mr. R V V N Bheema Rao	Associate Professor & HoD	Chairperson	
2	Dr. N Ramakrishnaiah	Controller of Examinations UG JNTUK – Kakinada	University Nominee	
3	Dr. Nagaraju Baydeti	Assistant Professor Dept. of CSE NIT – Nagaland	Subject Expert	
4	Dr. Ilaiiah Kavati	Assistant Professor Dept. of CSE NIT – Warangal	Subject Expert	
5	Mr. Ramanjaneyulu Yadavalli	Cloud Architect Pegsystems India Pvt. Ltd. Hyderabad	Industry Expert	
6	Ms. Madhurima Krovvidi	System Engineer Tata Consultancy Services, Pune	Alumni	
7	Dr. Ch V Raghavendran	Professor & Dean – R & C	Member	
8	Mr. T Srinivasulu	Sr. Assistant Professor	Member	
9	Mrs. N Surya Kala	Assistant Professor	Member	
10	Mrs. G L Narasamba Vanguri	Assistant Professor	Member	
11	Mrs. J Sailaja	Assistant Professor	Member	
12	Mrs. P Chandrakala	Assistant Professor	Member	
13	Mrs. P Latha	Assistant Professor	Member	

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