



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

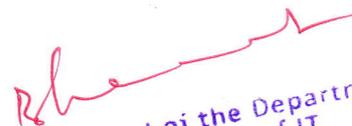
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Department of Information Technology

Meeting Agenda of 1st Board of Studies

13 – 09 – 2023

- 1.1 Welcome Address by Chairperson
 - 1.2 Discussion Items
 - 1.2.1 Vision, Mission, PSOs & PEOs
 - 1.2.2 ACETR23 Regulation (UG)
 - 1.2.3 Undergraduate Program Structure
 - 1.2.4 1st Year Syllabus
 - 1.2.5 Evaluation Process
 - 1.3 Reporting Items
 - 1.3.1 Student Admissions, Success Rate & Student Outcomes
 - 1.4 Other Items
 - 1.4.1 Skill Oriented Courses (UG)
 - 1.4.2 MOOCs Courses (UG)
 - 1.4.3 Internship (UG)
 - 1.4.4 Project (UG)
 - 1.4.5 Professional Elective / Open Elective (UG)
 - 1.5 Schedule of next BoS meeting
 - 1.6 Vote of Thanks
- Resolutions of 1st Board of Studies Meeting


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Dept. of IT
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1.1 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 achievements of both the faculty and the students

- Undergraduate program was started in the year 2006 with an initial intake of 60
- Department of Information Technology organized an AICTE sponsored International Conference (ICACET – 2021) in October 2021
- The department was accredited by NBA in the year 2022 for 3 years with a score of 614
- From AY 2023 – 24 onwards an increase in the intake of UG program from 60 to 120
- 6 faculty members have cleared NET / APSET / GATE examination
- 6 patents were published by our faculty
- 3 faculty members are registered for Ph.D
- 37 research papers were published in various journals and conferences
- Nearly 1.5 lakhs grant received from AICTE under GOC
- 15 NPTEL certifications were completed by our faculty
- 2 start-ups were incubated
- 2 students have participated in University Innovation Fellowship, Stanford University – USA
- 206 students have completed certifications from NPTEL, Coursera, Cisco, Redhat, Microsoft & AWS
- 7 active MoUs are initiated for industry interaction

1.2 Discussion Items

1.2.1 Vision, Mission, PSOs & PEOs

The BoS chairperson has presented the department Vision, Mission, Program Specific Outcomes & Program Educational Objectives to the expert members of BoS

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Vision

To be a department with high reputation and focused on quality education

Mission

- To provide an environment for the development of professionals with knowledge and skills
- To promote innovative learning
- To promote innovative ideas towards society
- To foster trainings with institutional collaborations
- To involve in the development of software applications for societal needs

Program Specific Outcomes

- PSO – 1 : Apply mathematical foundations, algorithmic and latest computing tools and techniques to design computer based system to solve engineering problems
- PSO – 2 : Apply knowledge of engineering and develop software based applications for research and development in the areas of relevance under realistic constraints
- PSO – 3 : Apply standard practices and strategies in software project development using open ended programming environments to deliver a quality product

Program Educational Objectives

- PEO – 1 : Prepare graduates with skills in Mathematics, Science & Modern Engineering tools to solve real life problems
- PEO – 2 : Excel in the IT industry with the attained knowledge and skills or pursue higher studies to acquire emerging technologies and become an entrepreneur
- PEO – 3 : Accomplish a successful career and nurture as a responsible professional with ethics and human values


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1.2.2 ACET R23 Regulation (UG)Undergraduate Program Structure

The BoS chairperson has presented the ACETR23 Regulations of the Undergraduate program to the expert members

1.2.3 Undergraduate Program Structure

The undergraduate program structure which was designed exclusively for first year 1st semester & 2nd semester was presented to the expert members as the syllabus of the first year courses is common of all the branches of CSE, IT, CSE – AI & ML, CSE – DS

1.2.4 1st Year Syllabus

The BoS chairperson has presented the detailed syllabus designed for 5 courses in the first year i) Introduction to Programming ii) Computer Programming Lab iii) Data Structures iv) Data Structures Lab v) IT Workshop

1.2.4.1 The expert members suggested to incorporate the concept of functions before the strings concept in Introduction to Programming course

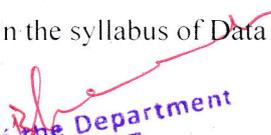
1.2.4.2 The expert members suggested to give the detail curriculum for the concept related to structures in Introduction to Programming course

1.2.4.3 The expert members suggested to include the latest text books in the syllabus of Introduction to Programming course

1.2.4.4 The BoS chairperson presented that the teaching methodology for the Computer Programming Lab course will be implemented using the online compilers

1.2.4.5 The expert members suggested to include the concept of graphs in the syllabus of Data Structures course

1.2.4.6 The expert members suggested to include the concept of breadth first search and depth first search in the syllabus of Data Structures Lab course


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1.2.4.7 The expert members suggested to include Quick Sort and Merge Sort techniques in the Data Structures course

1.2.5 Evaluation Process

The BoS chairperson has presented the examination pattern, weightage of marks and distribution of marks both for the internal and external examinations of theory and lab courses

1.3 Reporting Items

1.3.1 Student Admissions, Success Rate & Student Outcomes

The chairperson of BoS has presented the comparison of student admissions, number of students graduated and student outcomes of the last 3 academic years and last 3 batches

1.4 Other Items

1.4.1 Skill Oriented Courses (UG)

1.4.2 MOOCs Courses (UG)

1.4.3 Internship (UG)

1.4.4 Project (UG)

1.4.5 Professional Elective / Open Elective (UG)

The BoS chairperson said that the above mentioned items 1.4.1, 1.4.2, 1.4.3, 1.4.4, 1.4.5 shall be discussed in detail in the next BoS meeting

1.5 Schedule of next BoS meeting

The chairperson of the BoS proposed that the next BoS (i.e. 2nd Board of Studies meeting) will be scheduled in the month of March 2024

1.6 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 1st Board of Studies Meeting

Res No. 1.2.2

The expert members have agreed to the regulations ACETR23 as those are already approved in the Academic Council conducted on 5-8-2023

Res No. 1.2.3

The expert members have agreed to the program structure of first year 1st semester & 2nd semester of CSE, IT, CSE – AI & ML, CSE – DS

Res No. 1.2.4.1

The BoS chairperson and the members of BoS agreed to make the change suggested by the expert members

Res No. 1.2.4.2

The BoS chairperson and the members of the BoS agreed to incorporate the details related to structures

Res No. 1.2.4.3

The BoS chairperson and the members have agreed with the suggestion given by the expert members

Res No. 1.2.4.4

The expert members and the other members of the BoS agreed to the proposal of using online compilers

Res No. 1.2.4.5

The BoS chairperson and other members of the BoS agreed to include the concept of graphs in Data Structures syllabus

Res No. 1.2.4.6


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The BoS chairperson and other members of the BoS agreed to include breadth first search and depth first search in Data Structures syllabus

Res No. 1.2.4.7

The BoS chairperson and other members of the BoS agreed to include the sorting techniques Quick Sort and Merge Sort in Data Structures Lab course

Res No. 1.2.5

The expert members and the other members of BoS accepted the examination pattern, weightage and distribution of marks in internal and external examination both for the theory and lab courses

Res No. 1.3.1

The expert members suggested to encourage the students towards higher education

Res No. 1.4

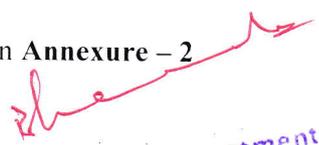
The expert members agreed with the statement given by the BoS chairperson

Res No. 1.5

All the members agreed to the schedule of next BoS meeting

Note: 1. The list of courses offered to 1st Year BTech Information Technology is given in **Annexure – 1**

2. The detailed syllabus is given in **Annexure – 2**


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Department of Information Technology 1st BoS Meeting

Date: 13-09-2023

The following members are present in the meeting :

S.no	Name	Designation	Position in BoS	Signature
1	Mr. R V V N Bheema Rao	Assistant Professor & HoD	Chairperson	<i>Rheema</i>
2	Dr. N Ramakrishnaiah	Controller of Examinations UG JNTUK – Kakinada	University Nominee	<i>N. Ramakrishnaiah</i>
3	Dr. Nagaraju Baydeti	Assistant Professor Dept. of Computer Science & Engineering NIT – Nagaland	Subject Expert	<i>Online</i>
4	Dr. Ilaiyah Kavati	Assistant Professor Dept. of Computer Science & Engineering NIT – Warangal	Subject Expert	<i>Ilaiyah</i>
5	Mr. Ramanjaneyulu Yadavalli	Cloud Architect Pegasystems India Pvt. Ltd., Hyderabad	Industry Expert	<i>Online</i>
6	Ms. Madhurima Krovvidi	System Engineer Tata Consultancy Services, Pune	Alumni Member	<i>K. Madhurima</i>
7	Dr. CH V Raghavendran	Professor	Member	<i>Ch. Raghav</i>
8	Dr. K Naga Bhargavi	Sr. Assistant Professor	Member	<i>KNBhargavi</i>
9	Mrs. N Suryakala	Assistant Professor	Member	<i>N. S. K.</i>
10	Mrs. G L Narasamba Vanguri	Assistant Professor	Member	<i>G. Narasamba</i>
11	Mr. T Srinivasulu	Assistant Professor	Member	<i>T. Srinivasulu</i>
12	Mrs. J Sailaja	Assistant Professor	Member	<i>J. Sailaja</i>
13	Mrs. D Chandrakala	Assistant Professor	Member	<i>D. Chandrakala</i>
14	Mr. S N S V S C Ramesh	Assistant Professor	Member	<i>S. N. S. V. S. C. Ramesh</i>
15	Mrs. P.Latha	Assistant Professor	Member	<i>P. Latha</i>

Rheema 13.9.23
Head of the Department
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