ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Information Technology

Date: 29-04-2022

VIII BOS Minutes of Meeting held on 27/04/2022

The 8th meeting of the BOS for IT was held on 27th April 2022 at 10.00AM, Ajivika Conference Hall, Bill Gates Bhavan. Mr. M. Raja Babu, Chairperson presided over the meeting.

Agenda 8.1: Welcome address by Chairperson.

Mr. M. Raja Babu, BOS Chairperson invited the distinguished members of BOS to the VIII BOS Meeting.

Agenda 8.2: Ratification of minutes of the previous Board of Studies meeting

The BoS members have ratified the points discussed in the previous Board of Studies meeting held on 01/10/2021.

Agenda 8.3: Discussion on proposed AR20 B.Tech (IT) Program –V,VI ,VII& VIII semesters syllabus and ratification of the same.

The BOS members approved the AR 20 B.Tech (IT) V,VI, VII and VIII semesters syllabus after making the following changes in the proposed syllabi.

• Suggested to include modify the reference links.

• Suggested to add some programs to DAA course and to include a reference book by Skeina.

• Suggested to add the weblink for DMDW course.

• Suggested to add Functional programming and knowledge graph and to remove old topics expert systems

• Suggested to include Textbook written by Dr. N.B. Venkateshwarlu

• Suggested to add specific weblinks for the Skill oriented course and also share the syllabus of Robotic Process Automation course to ratify.

• Suggested to add the weblink of Mitesh Khapra, IIT Madras Machine Learning

• Suggested to swap Text book 1 with Text book 2 for the course Distributed Systems.

• Suggested to include weblink of NPTEL for the course Cyber Security

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- Dr. M. N. Murthy, shared a material offered by Stanford university,
- Suggested to utilize that for the course Social Networks and Semantic Web.
- Suggested to include a textbook "Neural Networks and Deep Learning" by Charu C. Agarwal.

Agenda 8.4: Discussion on proposed syllabus for courses in V to VII Semester under Honours and Minor Degree and ratification of the same.

BoS members ratified the syllabus of Honor Degree. For Minor Degree, the members of BoS suggested to change the title of courses offered.

Agenda 8.5: Discussion on the value-added courses offered for students and ratification of the same.

- BoS members approved the list of value-added courses offered to students.
- BoS members suggested to add courses based on Hardware and Networking, which benefits the students who are not good at coding.

Agenda 8.6: Discussion on the new courses offered in B.Tech(IT) programme and ratification of the same

Members of BOS ratified the new courses offered in in B.Tech(IT) program. The percentage of new courses introduced in this academic year 2021-2022 for B.Tech (IT) is 14.19%. The list of new courses is enclosed as Annexure-I.

Agenda 8.7: Discussion on the percentage of syllabus revision done in the AR20 B.Tech(IT) program and ratification of the same.

The Chairperson presented the syllabus revision done in B.Tech (IT) program based on Stakeholder's Feedback on Curriculum and the BOS members approved the same. The percentage of courses revised in this academic year 2021-2022 for B.Tech (IT) is 18.06%. The list of courses revised is enclosed as Annexure-II.

Agenda 8.8: Discussion on the courses having focus on employability/ entrepreneurship/ skill development in B.Tech (IT) program and ratification of the same.

Members of BOS ratified the the courses having focus on employability/entrepreneurship/skill development in B.Tech(IT) program.

Agenda 8.9: Discussion on B.Tech (IT) program, in which Choice Based Credit System(CBCS)/elective course system is being implemented and ratification of the same.

Members of BOS ratified the B.Tech (IT) program, in which Choice Based Credit System(CBCS)/elective course system is being implemented.

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Agenda 8.10: Analysis of Feedback on Curriculum from Stake holders.

The BoS Chairperson presented the analysis of Feedback on Curriculum which is taken from the various Stakeholders. The BOS members noted the same. The Action Taken Report is enclosed as Annexure-III.

Agenda 8.11: Analysis of Results

The BoS Chairperson presented the odd semester pass percentage for the A.Y.2021-2022. The BoS members noted the same. BoS members suggested to present the students results in grade wise and subject wise and to present the number of students who cleared all the subjects at the first attempt.

Agenda 8.12: Analysis of Students Feedback & action taken report

The Chairperson expressed the students' feedback and action taken report. Members of BOS noted the students' feedback and action taken report process initiated at the end of each semester. The BOS members noted the same.

Agenda 8.13: Any other item with the approval of Chairman.

- Suggested to conduct Alumni meet frequently. And suggested to form a mentor group of Alumni students of different domains and to make them to guide the students on different technologies.
- Suggested to concentrate on CO-PO mapping for all courses.
- Suggested to include text book of new editions for all the courses.
- Suggested to form a ICC committee for curriculum suggestion and enhancement.

Agenda 8.14: Scheduling of next Board of Studies meeting.

The next BoS meeting is tentatively scheduled in the month of September 2022.

Agenda 8.15: Vote of Thanks

The Chairperson presented the Vote of Thanks.

BOS Chairperson

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Annexure I

List of New Courses in the Academic Year 2021-22

S. No	Program	Semester	Course Code	Course Name
1	B. Tech (IT)	III	201SO3L05	Skill Oriented Course-I 1. Applications Of Python NumPy
2	B. Tech (IT)	III	201CS3T02	Object-Oriented Programming Through C++
3	B. Tech (IT)	III	201CS3L03	Unix And Shell Programming Lab
4	B. Tech (IT)	III	201SO3L06	Web Application Development Using Full-Stack Frontend Development – Module –I
5	B. Tech (IT)	IV	201SC4L18	Skill Oriented Course II 1. Applications of Python- Pandas
6	B. Tech (IT)	IV	201SC4L19	2. Web Application Development Using Full-Stack Frontend Development Module-II)
7	B. Tech (IT)	IV	201CS4L05	Java Programming Lab
8	B. Tech (IT)	IV	201CS4L06	R Programming Lab
9	B. Tech (IT)	VI	191CS6T13	Object Oriented Analysis and Design
10	B. Tech (IT)	V	191CS5E04	Functional And Logic Programming
11	B. Tech (IT)	V	191CS5E02	Artificial Intelligence
12	B. Tech (IT)	V	191CS5E05	Software Requirement and Estimation
13	B. Tech (IT)	V	191CS5L04	Operating Systems and Computer Networks Lab

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14	B. Tech (IT)	V	191PR5P02	Socially Relevant Project
15	B. Tech (IT)	VI	191CS6L06	Data Mining and Object-Oriented Analysis and Design Lab
16	B. Tech (IT)	VI	191CS6E09	Scripting languages
17	B. Tech (IT)	VI	191CS6E06	Advanced Operating Systems
18	B. Tech (IT)	VI	191CS6E11	C# .Net
19	B. Tech (IT)	VI	191CS6E13	Distributed Systems
20	B. Tech (IT)	VI	191CS6E14	Natural Language Processing
21	B. Tech (IT)	VI	191IT6O04	AI Tools & Techniques
22	B. Tech (IT)	VI	191IT6O05	Robotic Process Automation

BOS Chairperson

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Annexure II

List of Courses Revised in the Academic Year 2021-22

S. No	Program	Semester	Course Code	Course Name
1	B. Tech (IT)	III	201CS3T01	Advanced-Data Structures
2	B. Tech (IT)	III	201CS3T03	Operating Systems
3	B. Tech (IT)	III	201CS3T04	Software Engineering
4	B. Tech (IT)	VI	191CS6T14	Web Technologies
5	B. Tech (IT)	VI	191CS6E10	Software Testing Methodologies
6	B. Tech (IT)	VI	191CS6E07	Image Processing

BOS Chairperson

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Annexure III

Action Taken Report on Stakeholders Feedback in the Academic Year 2021-22

S. No	Agenda Item No.	Stakeholders Recommended	Action Taken
1	8.9	Suggested to include some professional Elective Courses that focus on Web Application Development.	Scripting Languages and .Net courses have been introduced.
2	8.9	Include Emerging technologies in the syllabus	As per suggestion, Open Elective II, Open Elective III, and Open Elective IV will be introduced and all the emerging technologies like Cybersecurity, AR/VR, Computer Vision, and Robotics are going to be included.
3	8.12 .	Suggested to add some general courses from other domains.	Courses like Electrical Safety, Electrical Materials, and Fundamentals of Mechanical Engineering will be introduced
4	8.3	Some courses should be introduced as skill-oriented courses in the early bird stage itself so that the student can focus on basics as well as the advancements made in that technology.	The course Applications of Python-NumPy and Web Application Development using Full Stack Front End Development Module-1 will be included in the 3rd semester and Applications of Python-Pandas and Web Application Development using Full Stack Front End Development Module-2 are going to be included in the 4th semester.

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5	8.12	Suggested to provide effective language training to be provided for interview purposes.	As suggested, the Formal Languages and Automata Theory course will be introduced.
6	8.8	Suggested to include a course which concentrates on Entrepreneurship Development	Courses like Entrepreneurship Development and Incubation will be included in the coming semesters.
7	8.12	Make the students work with the industry by including a course that either offers them an internship or job opportunity in the industry.	An internship course has been introduced.
8	8.12	Divide the project work into 2 semesters so that students focus on requirements elicitation and design in 1 semester and coding and testing in another semester.	Project Part1 and Project Part 2 courses are introduced.
9	8.3	Suggested to include courses on an electronic base for the projects	Signals & Systems, Digital Electronics, and Logic Design and Semiconductor devices courses will be introduced.
10	8.3	Please design the curriculum in such a way that the students come across department-related courses in the early semester itself. This helps the students in having an insight into GATE and other competitive exams as well as placements.	Operating Systems and Software Engineering are going to be included in the 3rd semester and Database Management Systems and Database Management Systems Lab will be included in the 4th semester.
11	8.12	Make the Internship and Project Part available in different semesters	Taken into consideration and can be implemented in the next regulation.
12	8.3	Please include some trending tool courses for real-time practice	As per suggestion, AI Tools & Techniques and ECAD Tools will be introduced.

BOS Chairperson

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