



**Annasaheb Dange College of Engineering and Technology, Ashta**  
(An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur)  
**Department of Artificial Intelligence and Data Science**

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**NOTICE**

**Date: 22/8/2022**

All the esteemed members of the **Board of Studies (BoS)** of the Department of Artificial Intelligence & Data Science are hereby informed that the **2<sup>nd</sup> BoS Meeting** has been scheduled as per the details below:

- **Date:** 27/8/2022
- **Time:** 10.00AM
- **Venue:** Online Mode using Microsoft Team in CSE Department

**Agenda of the Meeting:**

1. To Confirm the minutes of meeting held of BoS held on 16/10/2021
2. To place Before the BoS the report about the action taken on the decisions of its meeting held on 16/10/2021
3. To Discuss and approve curriculum contents of Second Year B.Tech
4. To Discuss the changes in First Year Structure in order to accommodate institute level credit structure
5. Any other item with the permission of the chair

All the members are requested to attend the meeting as per the schedule and contribute their valuable suggestions during the deliberations.

**Dr. Suhel Sayyad**  
**Chairman, Board of Studies**



Sant Dnyaneshwar Shikshan Sanstha's  
**Annasaheb Dange College of Engineering & Technology, Ashta**  
(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)  
**An Autonomous Institute**  
**Department of Artificial Intelligence & Data Science**

23/08/2022

**AGENDA OF THE MEETING**  
**SECOND BOARD OF STUDIES**

**DATE: 27-08-2022, AT 10.00 AM**

**Agenda Item No.1:** To confirm the minutes of meeting of BoS meeting held on 20th November 2021.

**Agenda Item No.2:** To place before the BoS the report of the action taken on the decisions of its meeting held on 20th November 2021.

**Agenda Item No.3:** To discuss and approve the curriculum contents of second year.

**Agenda Item No. 4:** To discuss the changes in First year Structure in order to accomodate institute level credit structure.

**Agenda Item No. 5:** Any other item with the permission of the chair

**Mr. V. N. Honmane**  
**Member Secretary**  
**Board of Studies (BoS)**

**Dr. Suhel Sayyad**  
**Chairperson**  
**Board of Studies (BoS)**

**Annasaheb Dange College of Engineering and Technology Ashta**  
**Department of Artificial Intelligence and Data Science**

27/08/2022

**MINUTES OF THE MEETING**  
**SECOND BOARD OF STUDIES**

**DATE: 27-08-2022, AT 10.00 AM**

**VENUE: Online Mode using Microsoft Team in CSE Department**

The 2<sup>nd</sup> meeting of Board of Studies (BoS) of Undergraduate Programme, B.Tech., at Department of Artificial Intelligence and Data Science, ADCET, Ashta was held on 27-08-2022, at 10.00 AM in the CSE Department in online mode using Microsoft Teams Platform. Mr. S. S. Sayyad HOD CSE chaired the Meeting.

The following is the list of BoS Members:

| Sr. No. | Name                                                                                                                   | Position         |
|---------|------------------------------------------------------------------------------------------------------------------------|------------------|
| 1.      | <b>Mr. S. S. Sayyad</b><br>Head and Chairman BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli | Chairman         |
| 2.      | <b>Dr. D.V Kodavade,</b><br>Head and Professor, Department of Computer Science and Engineering, DKTE, Ichalkaranji     | Member           |
| 3.      | <b>Dr. Damodar Reddy Edla</b><br>Associate Professor, Dept. of CSE, NIT, Goa                                           | Member           |
| 4.      | <b>Dr. Deepak Garg</b><br>Head, CSE, School of Engineering and Applied Sciences, Bennett University                    | Member           |
| 5.      | <b>Dr. Sachin Pawar</b><br>Tata Research Development and Design Center, Pune                                           | Member           |
| 6.      | <b>Mr. Akshay Gane</b><br>Application Development Senior Analyst, Accenture, Pune                                      | Member           |
| 7.      | <b>Mr. V.N. Honmane</b><br>Assistant Professor, Department of Artificial Intelligence and Data Science, ADCET, Ashta   | Member-Secretary |
| 8.      | All the Faculties of Department of Artificial Intelligence and Data Science at ADCET Ashta Sangli                      | Members          |

Dr. Kodavade , Dr. Deepak Garg , Dr. Reddy, Dr Sachin Pawar and Mr. Akshay Gane. attended the meeting.

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**Department of Artificial Intelligence and Data Science**

The Chairman extended a warm welcome to all the members in the meeting and Mr. V. N. Honmane presented vote of thanks to end up the meeting.



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**Department of Artificial Intelligence and Data Science**

**Agenda of the meeting and resolutions are as follows:**

**Agenda Item No.1: To confirm the minutes of meeting of BoS held on 16/10/2021**

**Resolution – Confirmed.**

**Agenda Item No.2: To place before the BoS the report about the action taken on the decisions of its meeting held on 16/10/2021**

The chairman presented the summary of action taken on the suggestions of BoS in the last meeting. Members appreciated the action taken.

**Agenda Item No.3: To discuss and approve Second Year to Final Year Structure**

The chairman presented Second Year to Final Year Structure. Following points were discussed in a panel by Dr Kodavade, Dr. Deepak Garg, Dr. Reddy, Dr Sachin Pawar and Mr. Akshay Gane.

1. The discussion was held to increase Professional Electives credits. Panel members suggested that, there may be at least two elective courses in each semester. Soft computing course can be added as elective. VII<sup>th</sup> Semester may have parallel computing as elective course.
2. Current structure has only one course on Data Structure. Panel Members suggested to add Advanced Data Structure course as elective course.
3. Make a note on philosophy of VIII<sup>th</sup> Semester at end of structure.
4. The discussion was held about inclusion of Devops content.

**Agenda Item No.4: To discuss and approve curriculum contents of Second Year B. Tech.**

Respective course coordinators presented the course curriculum of Second Year B. Tech. to all BoS Members. The suggestions given by the BoS members are listed as given below.

**A. Course: Discrete Mathematics and TOC**

Dr. Kodavade asked that whether GATE syllabus is taken into consideration for this course.

**B. Course: Data Structures**

**C. Course: Data Structures Laboratory**

Curriculum was discussed and Dr. Reddy suggested to add topological sort.

**D. Course: Operating System**

**E. Course: Operating System Laboratory**

Dr. Reddy suggested to replace what operating systems do by operating systems Functions and add mutual exclusion in unit no.3.

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**F. Course: Biology for Data Science**

Curriculum was discussed and approved without any change.

**G. Course: Psychology**

Curriculum was discussed and approved without any change.

**H. Course: Python for Data Science**

Dr. Sachin Pawar suggested to include Regular Expression. Akshay Gane Suggested to include data visualization libraries in the course. Sayyad sir Cleared that there is separate course on Data visualization in V<sup>th</sup> Semester. Dr Sachin Pawar sir suggested to include scikit- learn library basics in python for data science course.

**I. Course: Statistics, Probability and Fuzzy Logic**

Curriculum was discussed and approved without any change.

**J. Course: Software Engineering for Data Science**

Dr Reddy suggested to add analysis part in unit no. 4 in testing.

**K. Course: Database Management System**

**L. Course: Database Management System Laboratory**

Curriculum was discussed and approved without any change.

**Professional Elective-I**

**M. Course: Ethics in AI and DS**

**N. Course: Microprocessor and Microcontroller**

**O. Course: Sensors and**

Curriculum is discussed and approved without any change.

**P. Course: Universal Human Values- I**

Curriculum is discussed and approved without any change.

**Q. Course: Web Technology**

Dr. Garg sir suggested to add Web API framework like Angular, NodeJs etc .

**Resolution:-**

After undergoing the changes revised Second Year B. Tech. (AI and DS) Curriculum will be sent to BoS for approval.

**Agenda Item No. 5: To discuss the changes in First year Structure in order to accommodate institute level credit structure**

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**Department of Artificial Intelligence and Data Science**

Chairman Mr. S. S. Sayyad presented the revision in number of credits for Artificial Intelligence and Data Science. It was approved by all members

**Resolution:-**

It is decided to reduce 1 credit for the courses “Problem Solving using C”, “Design Thinking Laboratory” and “Object Oriented Programming” without changing contact hours in order to balance total credits for First Year Curriculum.

**Agenda Item No. 6: Any other item with the permission of the chair**

No special discussion was carried out.



**Member Secretary**  
**Board of Studies (BoS)**



**Chairman**  
**Board of Studies (BoS)**



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**Department of Artificial Intelligence and Data Science**

**Annexure - I**

**Action taken on suggestions received in BoS Meeting held on 27/08/2022**

| Sr. No | Suggestions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Action Taken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | <p>Following points were discussed in a panel by Dr Kodavade, Dr. Deepak Garg, Dr. Reddy, Dr Sachin Pawar and Mr. Akshay Gane on SY B.Tech to Final Year B.Tech Structure.</p> <ol style="list-style-type: none"> <li>1. The discussion was held about to increase Professional Electives credits. Panel members suggested that, there may be at least two elective courses in each semester. Soft computing course can be added as elective. VIIIth Semester may have parallel computing as elective course.</li> <li>2. Current structure has only one course on Data Structure. Panel Members suggested to add Advanced Data Structure course as elective course.</li> <li>3. Make a note on philosophy of VIII<sup>th</sup> Semester at end of structure.</li> <li>4. The discussion was held about inclusion of Devops content.</li> </ol> | <ol style="list-style-type: none"> <li>1. As per the suggestions given by panel members this needs to put forth in front of academic council of the institute for discussion.</li> <li>2. Decided to add Advanced Data Structure course as elective SY B.Tech Sem-II.</li> <li>3. Note on Philosophy of VIII<sup>th</sup> semester courses like internship is added at the end of structure.</li> <li>4. It is decided that to include Devops content in Cloud Computing course.</li> </ol> |
| 2      | <p><b>Course: Data Structures</b><br/>Curriculum was discussed and Dr. Reddy suggested to add topological sort.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Topological sort has a prerequisite in the form of DAG. These concepts are explored in the Design and Analysis of Algorithms course. So Topological sort will be covered under that course.                                                                                                                                                                                                                                                                                                 |
| 3      | <p><b>Course: Operating System</b><br/>Dr. Reddy suggested to replace what operating systems do by operating systems Functions and add mutual exclusion in unit no.3.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | As per suggestion point is replaced with operating systems Functions and mutual exclusion is added in Unit 3.                                                                                                                                                                                                                                                                                                                                                                               |
| 4      | <p><b>Course: Python for Data Science</b><br/>Dr. Sachin Pawar suggested to include Regular Expression. Akshay Gane Suggested to include data visualization libraries in the course. Sayyad sir Cleared that there is separate course on Data visualization in Vth Semester. Dr Sachin Pawar sir suggested to include scikit-learn library basics in python for data science course.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | As per the suggestion regular expression and introduction to scikit learn is added in practical list.                                                                                                                                                                                                                                                                                                                                                                                       |
| 5      | <p><b>Course: Software Engineering for Data Science</b><br/>Dr Reddy suggested to add analysis part in unit no. 4 in testing.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | As per suggestion Analysis part is added in Unit 4.                                                                                                                                                                                                                                                                                                                                                                                                                                         |



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|---|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 6 | <b>Course: Web Technology</b><br>Dr. Garg sir suggested to add Web API framework like Angular, NodeJs etc . | As per suggestion these contents are added in Unit 4, Unit 5 and Unit 6. |
|---|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|



Chairman

BoS, Computer Science and Engineering