

**Annasaheb Dange College of Engineering and
Technology, Ashta
An Autonomous Institute**



3rd Board of Studies (BoS) Meeting

Day & Date : Saturday , 22 July 2023

Time : 10:30 am

Mode : Online

**Department of Computer Science & Engineering
[Internet of Things and Cyber Security including
Blockchain Technology]**





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 Computer Science and Engineering
(Internet of Things, Cyber Security including Blockchain Technology)

Date: 17/07/2023

NOTICE

This is to inform all the BoS members that the Third Board of Studies (BoS) Meeting of the Department of Computer Science and Engineering [Internet of Things, Cyber Security including Blockchain Technology] is scheduled on Saturday, 22/07/2023 at 10:30 AM.

The meeting will be conducted online through Microsoft Teams platform. All the BoS members are requested to attend the meeting positively.

Meeting Details:

Date: Saturday, 22/07/2023

Time: 10:30 AM onwards

Mode: Online

Mrs. Madhuri J Siddharapu
Member Secretary
Board of Studies (BoS)

Dr. S Mani
Chairman
Board of Studies (BoS)





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An Autonomous Institute

Department of Computer Science and Engineering
(Internet of Things, Cyber Security including Blockchain Technology)

Date: 19/07/2023

Third Board of Studies (BoS) Meeting

Day & Date: Saturday, 22 July 2023

Time: 10:30 am

Mode: Online

Agenda of BoS Meeting

1. To introduce all BOS members
2. To discuss and approve first year structure
3. To discuss and approve curriculum contents of branch specific First year courses
4. Any other issues with the permission of the chair

Mrs. Madhuri J Siddharapu
Member Secretary
Board of Studies (BoS)

Dr. S Mani
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Third Board of Studies (BoS) Meeting

Day & Date: Saturday, 22 July 2023

Time: 10:30 am

Mode: Online

Members Present for the meeting

Sr. No.	Name	Position	Sign
1.	Dr. S. Mani Head and Chairman BoS, Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta	Chairman	
2.	Dr. V. R. Ghorpade Bharati Vidyapeeth'ss College of Engineering, Kolhapur	Member	Online
3.	Dr. Rashmi Ranjan Rout Associate Professor, Dept. of CSE, NIT, Warangal	Member	Online
4.	Dr. B.B. Meshram Professor, Computer Engineering and Information Technology VJTI, Mumbai.	Member	Online
5.	Dr. Munir Sayyad Assistant Vice President, JIO	Member	Online
6.	Mr. L. Ganeshkumar Digital Consulting Partner, Wipro Limited	Member	Online
7.	Mr. Vishal Tingre Principal Engineer, ElasticRun, Pune	Member	Online



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8.	Mr. Shreekanth Salotagi Assistant Professor, Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta	Member- Secretary	
9.	Dr. C Manivel Professor Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta	Member	
10.	Mrs. Madhuri J Siddharapu Assistant Professor, Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta	Member	



Mr. Shreekanth Salotagi
Member Secretary
Board of Studies (BoS)



Dr. S Mani
Chairman
Board of Studies (BoS)



THIRD BOARD OF STUDIES, MINUTES OF THE MEETING

DATE: 22-07-2023, AT 10.30 AM

VENUE: Online Mode using Microsoft Team in CSE (IoT & CSBT) Department

The 3rd meeting of Board of Studies (BoS) of Undergraduate Programme, B.Tech., at Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta was held on 22-07-2023, at 10.30 AM in the CSE (IoT & CSBT) Department in online mode using Microsoft Teams Platform. Dr. S. Mani HOD CSE (IoT & CSBT) chaired the Meeting.

The following is the list of BoS Members:

Sr. No.	Name	Position
1.	Dr. S. Mani Head and Chairman BoS, Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta, Sangli	Chairman
2.	Dr. V. R. Ghorpade Bharati Vidyapeeth'ss College of Engineering, Kolhapur	Member
3.	Dr. Rashmi Rout Associate Professor, Dept of CSE, NIT, Warangal.	Member
4.	Dr. B.B. Meshram Professor, Computer Engineering and Information Technology ,VJTI, Mumbai.	Member
5.	Dr. Munir Sayyad Assistant Vice President, JIO	Member
6.	Mr. L Ganesh Kumar Digital Consulting Partner Wipro Limited.	Member
7.	Mr. Vishal Tingre Principle Architect, Cognizant,Pune	Member
8.	Mr. Shreekanth Salotagi Assistant Professor, Department of CSE (Internet of Things and Cyber Security including Blockchain Technology), ADCET, Ashta	Member-Secretary
9.	All the Faculties of Department of CSE (Internet of Things and Cyber Security including Blockchain Technology) at ADCET Ashta Sangli	Members

Dr. V. R. Ghorpade S, Dr. Rashmi Rout, Dr. B.B. Meshram, Dr. Munir Sayyad, Mr. L Ganesh Kumar, Mr. Vishal Tingre attended the meeting. The Chairman extended a warm welcome to all the members in the meeting and Mrs. Madhuri J Siddharapu presented the vote of thanks to end the meeting.



Agenda of the meeting and resolutions are as follows:

Agenda Item No.1: To confirm the minutes of meeting of BoS held on 27/08/2022

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 27/08/2022

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 First Year to Final Year Structure (NEP Compliant).

Agenda Item No.4: To discuss and approve curriculum contents of Second Year and Third B. Tech with revision 1 & 0 respectively.

The chairman presented First Year to Final Year Structure. Following points were discussed in a panel by Dr. B.B. Meshram, Dr. Munir Sayyad, Mr. L Ganesh Kumar and Mr. Vishal Tingre.

1. The discussion was about including web engineering topic in 5th unit of “Object Oriented Modeling and Design” course.
2. Include the case studies in 6th unit of Operating systems subject.
3. Include the graph quarry concepts using MongoDB in Database Management System course.
4. Practical related courses should have mini project as part of regular experiments.
5. Clouding computing security topic should have covered in Cyber Security related courses.
6. Suggested to change the unit 5 contents of microcontroller system which would carry out the emerging technology topics
7. The subject “Concepts of augmented and virtual reality” title has to be changed into “Immersed Technology”
8. Suggested to include the content moderation in” Ethical Hacking” course
9. Suggested to include the course as “Cyber Laws” in one of the professional electives.
10. In the course of “Constitution of India” fundamental rights to be included.
11. The course titled “Embedded System for IoT & Embedded System Lab” may be split into separate courses in Semester VI with 2 credits each.
12. The BoS members were suggested to ensure the contents in the Course “Block Chain Technology” offered in Semester V, should not be repetitive in the Wireless Sensor Networks Course offered in Semester VI.



Annasaheb Dange College of Engineering and Technology Ashta
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(Internet of Things, Cyber Security including BlockChain Technology)

13. In semester V, the title of the Open Elective Course "Introduction to Block chain" was suggested to be renamed "Blockchain Technology" to give more clarity on the content to be studied.
14. In Semester V, the course titled "Cyber Crimes and Security" in which the concept of Digital Forensics needs to be included in Unit 4.
15. In the course titled "Database Security" for T.Y.B.Tech in Computer Science and Engineering (IoT & CSBT), the BoS members suggested to include Encrypting and Auditing the Data.
16. In Semester VI, Suitable guidelines for the course titled "Cyber Crimes and Security" in which the concept of Solidity Programming needs to be included in Unit 4.

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

No special discussion was carried out.



Member Secretary
(BoS)



Chairman Board of Studies
Board of Studies (BoS)



Annasaheb Dange College of Engineering and Technology Ashta
Department of Computer Science and Engineering

Annexure - I

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

Agenda Item: 1

Sr. No	Suggestions	Action Taken
1	To confirm the minutes of meeting of BoS held on 20/11/2021	Minutes of meeting of BoS held on 20/11/2021 was confirmed.

Agenda Item: 2

Sr. No	Suggestions	Action Taken
1	The chairman presented the summary of action taken on the suggestions of BoS in the last meeting. Members appreciated the action taken.	---

Agenda Item: 3

Sr. No	Suggestions	Action Taken
1	The discussion was about making "Software Engineering" course as professional core rather than professional elective.	Software Engineering Course is included in Sem-VI as professional core course. For the same Machine Learning course is shifted to sem-VII
2	Web Technology should be included before 5th semester in order to understand Block chain technology.	Web Technology course is shifted to sem-IV.
3	Change title of the Open Elective-II course "Database Security and Access Control" to "Database Security".	The title of the course "Database Security and Access Control" is changed to "Database Security".
4	Instead of "Intrusion Detection and Internet Security" course which is professional Elective-V, TCP/IP Network Security course can be introduced.	TCP/IP Network Security course is included in professional Elective-V.
5	Suggested to change the title of the course "Cyber Security and Cyber Laws" to "Cyber Crimes and Security" and include 1 unit on Cyber Laws.	After discussion with internal BoS members and faculties "Cyber Security and Cyber Laws" course is replaced with "Data Encryption, Steganography and Digital watermarking"



Annasaheb Dange College of Engineering and Technology Ashta
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6	Suggested to change the title of the course” Ethical Hacking and Tools” considering protection mechanisms.	After discussion with internal BoS members and faculties “Ethical Hacking and Tools” course is replaced with “Data Security”
7	Dr. B. B. Meshram suggested to change the title of the course “ Crime Investigation and Forensics” to “ Cyber Crime Investigation and Forensics”	After discussion with internal BoS members and faculties “Crime Investigation Forensic” course is removed from structure.

Agenda Item : 4

Sr. No	Suggestions	Action Taken
1	Course: Discrete Mathematics and TOC – Dr. B.B. Meshram suggested to change title of the course “Discrete Mathematics and TOC” to “Discrete Mathematics and Applications”. Mr. L Ganesh Kumar suggested to include concepts such as probability, number theory, set theory, graph theory in Discrete Mathematics and TOC. Mr. Vishal Tingre also suggested to add stochastic processes/theory in Discrete Mathematics and TOC which will be helpful for better understanding for IOT, Cryptography and Block chain related courses.	As per discussion with faculty members it is decided not to change the title , as Theory of computation is also part of the course. Probability, set theory is already present in the contents but Number theory and Stochastic process can't be added as contact hours are limited and more contents cannot be covered.
2	Course: Data Structures - Dr. B.B. Meshram suggested to change title of the course of the course: Data Structures” to Data Structures and Algorithm” Mr. L Ganesh Kumar suggested to add graph algorithms in unit 6 of Data Structures	With discussion of internal faculties and Dr. B.B. Meshram, it is decided not to change the name of course. Algorithms will have a separate course as Design and Analysis of Algorithms. So the Data Structures course name is unchanged. As per the suggestion given by Mr. L Ganesh Kumar to add graph algorithms in Data Structure syllabi, these concepts are covered in Design and Analysis of Algorithms.
3	Course: Operating System - Mr. Vishal Tingre suggested to change contents of Unit 6 and include protection and security concepts with respect to Operating system. Also introduction to security model layers must be included.	As per suggestion unit no.6 contents are revised. System protection and security contents are added in Unit 6
4	Course: Smart Sensors and Actuators - Mr. Vishal Tingre suggested adding concepts such as calibration, basics to P, PI, PD and PID control systems in unit 3. Mr. L Ganesh Kumar suggested to add smart sensors in AI and automation in unit 6.	As per the suggestions received by Mr Vishal Tingre and Mr L Ganesh Kumar, contents such as sensor calibration, Types of controllers: Proportional,Proportional-Integral(PI), Proportional-Derivative(PD), Proportional-Integral-Derivative (PID) are added in Unit 3 and Smart sensors in AI and Automation is added in Unit 6.



Annasaheb Dange College of Engineering and Technology Ashta
Department of Computer Science and Engineering

5	Course: Programming Laboratory-I (Java) Mr. Vishal Tingre suggested to include ORM instead of JDBC for Database connectivity. Also he suggested to include Hibernate in syllabus. During practical session implement distributed algorithms for multithreading.	As per the suggestions, Hibernate and ORM is included in the syllabus. Experiment list is been updated by adding Distributed Algorithms using multithreading.
6	Course: Database Engineering - Dr. B.B. Meshram suggested to change title of the course to "Database Management System". And accordingly change Laboratory course title to "Database Management System Laboratory". Mr. L Ganesh Kumar suggested to include Database security concepts in the syllabus.	As per the suggestions title of the course is changed to "Database Management System". And Laboratory course title changed to "Database Management System Laboratory". Also Database security concepts are included in unit 6.
7	Course: Microprocessor and Microcontroller- Mr. L Ganesh Kumar suggested to include introduction to 8086 microprocessor in unit 3 and also add case studies in unit 6 with respect to microcontroller.	As per the suggestions, introduction to 8086 microprocessor is added in Unit 3. Also case studies such as : Bluetooth controlled home automation system using 8051, traffic light controller using 8051, industrial automation using 8051 microcontroller are added in unit 6
8	Course: Professional Elective-I Software Engineering- Mr. L Ganesh Kumar suggested to include Scrum, deployment management release management and jira project management tool in the syllabus.	As per the suggestions Scrum, deployment management, release management and jira project management tool are added in the syllabus.
9	Course: Database Engineering Laboratory - Dr. B.B. Meshram suggested to change title of the Laboratory course to "Database Management System Laboratory".	The title of the Laboratory course is changed to " Database Management System Laboratory"


Chairman

BoS, CSE (IoT, Cyber Security including Blockchain Technology)

