



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC "A+" Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162.

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

1st Board of Studies Meeting in the Department of Master of Computer Science Applications

Mode: Through Hybrid Mode

Date and Time: 21-08-2024 at 3.00 PM

Link:

[https://us05web.zoom.us/j/9442482433?pwd=noJbhGEES811n1qBiMsurxU5319jZj.1
&omn=89521293114](https://us05web.zoom.us/j/9442482433?pwd=noJbhGEES811n1qBiMsurxU5319jZj.1&omn=89521293114)

Respected Madam/Sir,

The 1st Board of Studies Meeting is conducting to get the approval for the various activities that are carried out through off-line and online at conference hall to discuss about the following agenda points.

1. Welcome and introduce the BoS Members.
2. To discuss, Review and Approve proposed curriculum in Program: MCA
 - a) 1st MCA-Curriculum: 1st Semester and 2nd Semesters affect from the academic year 2024-2025 to 2026-2027
3. To discuss and finalize the syllabus for the following MCA Program me Courses:
1st Year and 1st Semester
 - a) PC-1 Computer Organization & Operating Systems, PC-2: C & Data Structures, PC-3: Object Oriented Programming with JAVA for I-MCA 1st Semester
 - b) Lab-1: Operating Systems & Linux Lab, Lab-2: C & Data Structures Lab, Lab-3: JAVA Programming Lab for I MCA 1st Semester
4. 1st Year and 2nd Semester
 - a) PC-1: Database Management Systems, PC-2: Computer Networks, PC-3: Software Engineering and Design Patterns, PC-4: Data Warehousing and Data Mining for I-MCA-II Semester
 - b) PE-1: Advanced Data Structures (or) Mobile Application Development or Artificial Intelligence
 - c) Lab-1: Database Management System Lab, Lab-2: Computer Networks Lab, Lab-3 Software Engineering and Design Patterns Lab I-MCA-II Semester
5. To discuss and suggest Teaching Learning Methodology, Co-Curricular and Extra-Curricular activities for the academic year 2024-2025.
6. To discuss and suggest examiners for paper setting and evaluations.



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7. Discuss on any other academic matter

8. Miscellaneous issues.

You are requested to kindly make it convenient to attend the meeting.

Minutes of the 1st Board of Studies (BoS)

The Meeting of the 1st Board of studies of the Department of Master of Computer Applications, Avanthi Institute of Engineering and Technology (Autonomous), Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162 was held on 21-08-2024 at 3.00 PM, Venue: Conference Hall.

Members Present:

Dr.Ch.Bindu Madhuri, Assistant Professor, Department of Information Technology, University College of Engineering Vizianagaram, JNTU-GV, Vizianagaram

Dr. O. Srinivasa Rao, Professor & Head, Dept of CSE, University College of Engineering, JNTUK, Kakinada- 533003

Dr.L.Chakravarthi, Professor of CSE, Dept of CSE, GST, GITAM University

Mr.Chiranjeevi Peddinti, Nokia, Engineering Manager, Bangalore, Karnataka (State)

R. Sai Manasa, Technical Project Manager, Acuvate Software Private Limited, Hyderabad

All the department Faculty of Department of Master of Computer Applications, AIET (A).

Dr.Gandi Satyanarayana, Professor of CSE and Dean-Academics, AIET (A)

Dr. Annepu Bala Krishna, Professor & Head, Chairperson-BoS, Department of MCA, AIET (A).

Item 1:

- Welcome address and introducing the BoS Members.

Resolutions:

- **Dr.Gandi Satyanarayana**, Professor of CSE and Dean-Academics & **Dr.Annepu Bala Krishna**, Professor & Head, Chairperson-BoS, Department of MCA, welcomed the members and described the institutional objectives, its vision and mission along with department profile.
- It was resolved and all the members agreed to prepare the curriculum and syllabus complying with the OBE & industrial requirements.

Item 2:

- To discuss, Review and Approve proposed curriculum in program: MCA
 - a) 1st MCA-Curriculum: 1st semester and 2nd semester with affect from the academic year



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2024-2025 to 2026-2027

Members Suggestions:

- To follow the Curriculum as it is without any modifications.

Resolutions:

- Members approved the curriculum of the MCA program for the 1st and 2nd semesters of the 1st MCA, effective from the academic year 2024-2025, without any modifications.

--- Annexure1

Item 3:

- To discuss and finalize the syllabus for the following MCA programme courses: 1st Year- 1st Semester
 - PC-1: Computer Organization & Operating Systems, PC-2: C & Data Structures, PC-3: Object Oriented Programming with JAVA for 1st MCA 1st Semester
 - Lab-1: Operating Systems & Linux Lab, Lab-2: C & Data Structures Lab, Lab-3: JAVA Programming Lab for 1st MCA 1st Semester

Members Suggestions:

- Members suggested that in C & Data structures subject in Semester-I has extensive content in Unit-I and Unit-II, so that those units must be split into three units.
- Members suggested to remove Sorting Techniques in C & Data Structures subject in Semester-I and to include it in Advanced Data Structures subject in Semester-II.

Resolutions:

- All the above suggestions have been incorporated, and the courses PC1, PC2, and PC3 for the 1st semester of the 1st MCA program have been approved, effective from the academic year 2024-2025.
- Members approved the syllabus for Lab-1: Operating Systems & Linux Lab, Lab-2: C & Data Structures Lab, and Lab-3: JAVA Programming Lab for the 1st semester of the 1st MCA program.

Item 4:

- 1st Year and 2nd Semester
 - PC-1: Database Management Systems, PC-2: Computer Networks, PC-3: Software Engineering and Design Patterns, PC-4: Data Warehousing and Data Mining for I-MCA-II Semester
 - PE-1: Advanced Data Structures (or) Mobile Application Development or Artificial



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Intelligence.

- c) Lab-1: Database Management System Lab, Lab-2: Computer Networks Lab, Lab-3 Software Engineering and Design Patterns Lab I-MCA-II Semester.

Members Suggestions:

- Members suggested that Classification Concept must be removed from the syllabus of Data Warehousing and Data Mining subject.
- Members suggested that in Data Warehousing and Data Mining subject Cluster Evaluation concept must be shifted from unit-IV to unit-V.
- Members suggested that in Data Warehousing and Data Mining subject, Web Data Mining concept must be removed from the syllabus.
- Members suggested that in Data Base Management Systems subject, Relational Calculus concept must be added.
- Members suggested that in Data Base Management Systems, instead of using Oracle, use PostgreSQL.

Resolutions:

- All the above suggestions have been incorporated, and the following syllabus has been approved, effective from the academic year 2024-2025

PC-1: Database Management Systems,

PC-2: Computer Networks,

PC-3: Software Engineering and Design Patterns,

PC-4: Data Warehousing and Data mining

PE-1: Advanced Data Structures (or) Mobile Application Development or Artificial Intelligence.

Lab-1: Database Management System Lab,

Lab-2: Computer Networks Lab,

Lab-3 Software Engineering and Design Patterns PC3 for the 2nd semester of the 1st MCA program have been approved, effective from the academic year 2024-2025.

--- Annexure: II, III, IV and V

Item 5:

- To discuss and suggest teaching and learning methodologies, as well as co-curricular and extra-curricular activities for the academic year 2024-2025.

Members Suggestions:



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- Chairperson presented different Teaching learning methods, co-curricular and extra-curricular activities which are planned for the academic year 2024-2025.
- Members discussed and suggested to implement and conduct Co-curricular activities like Guest Lectures, Tech fest, Workshops, Industrial Visits for the Academic Year 2024-2025.
- Discussed on industrial needs and interaction with it.

Resolutions:

- Members advised the faculty to adopt their own independent methodologies for the benefit of students. It was resolved to implement various teaching and learning methodologies, including PowerPoint presentations, video-based lectures, assignments, the 'Each One Teach One' approach, lab protocols, and project showcases.
- To encourage the students to do Internships.

Item 6:

- To discuss and suggest examiners for paper setting and evaluations.

Members Suggestions:

- Chairperson presentation on continuous evaluation process.
- Members advised to make Question Paper Setting as per Bloom's Level.
- Members suggested that the internal faculty either has to prepare External Question paper or act as any one of the Evaluator for the course.
- For knowledge exploration advised to have Industrial visit for the students at least once in an academic year.
- Discussed on industrial needs and interaction with it.

Resolutions:

- It was resolved and advised that subject faculty should serve as paper setters or paper evaluators.

Item 7:

- Discuss on any other academic matter

Resolutions:

- No other Issues

Item 8:

- Miscellaneous issues.

Resolutions:



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- No other Issues

Signature Sheet:

S.No.	Name of the Member & Affiliation	Signature
1	Dr.Ch.Bindu Madhuri Assistant Professor Department of Information Technology University College of Engineering Vizianagaram, JNTU-GV, Vizianagaram	Approved Through mail on 28-09-2024
2	Dr. O. Srinivasa Rao Professor & Head Dept of CSE University college of Engineering JNTUK, Kakinada- 533003	Approved through mail on 27-09-2024
3	Dr.L.Chakravarthi Professor of CSE Dept of CSE GST, GITAM University	Approved Through mail on 27-09-2024.
4	Mr.Chiranjeevi Peddinti Nokia, Engineering manager Bangalore Karnataka (State) e-Mil: chiranjeevi.peddinti@nokia.com	Approved through Mail on 30-09-2024.
5	R. Sai Manasa Technical Project Manager Acuvate software private limited, Hyderabad Roll No: 14Q75A0507 e-Mail: manasamanu507@gmail.com	Approve through mail on 27-09-2024
6	All the Department Faculty	—
7	Dr.Gandi Satyanarayana Professor of CSE and Dean-Academics, AIET (A)	<u>aw</u>
8	Dr.Annepu Bala Krishna. Professor & Head Chairperson-BoS Department of MCA, AIET (A)	Dr. A. Bala



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All faculty members

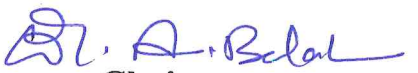
C. Papalacerul

P. De

A. Hemanth Kumar

S. A. Raju

D. H. Venkumar


Chairperson

Board of Studies (MCA)

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Avanathi Inst. of Engg. & Tech. (Autonomous)
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Bhogapuram (M), Vizianagaram (Dist)-531162