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

NAAC "A+" Accredited Institute

Makavarapalem, Narsipatnam (R.D), **Anakapalle** (Dist), Pin-531113

www.avanthienggcollege.ac.in, principal_aiet@yahoo.com, principal@avanthienggcollege.ac.in

Minutes of Second Board of Studies (BoS) Meeting

The second BoS meeting of the department of MCA is held on 26th May 2025, 2:00 P.M through hybrid mode (offline & online) in the conference room, AIETM.

Department of Master of Computer Applications

Date: 26th May 2025

Time: 2:00 P.M.

Mode: Hybrid (Offline & Online)

Venue: Conference Room, AIETM

Members Present

| S.No | Name | Designation / Affiliation | Role |
|------|---------------------------------------|---|----------------------------------|
| 1 | Dr. C P V N J Mohan Rao | Principal, Avanathi Institute of Engineering and Technology, Makavarapalem | Principal |
| 2 | Dr. U Nanaji | Associate Professor and Head, Dept. of CSE, AIETM | BoS Chairman |
| 3 | Dr. Ch Bindu Madhuri | Assistant Professor, JNTU-GV, Vizianagaram | University Nominee |
| 4 | Dr. Kunjam Nageswara Rao | Professor (I/C HoD), Dept. of CSIT, Andhra University, Visakhapatnam | Expert Member (Academic Council) |
| 5 | Dr. Ande Prasad | Professor, Dept. of Computer Science, Vikrama Simhapuri University, Nellore | Expert Member (Academic Council) |
| 6 | Sri Srinivas Reddy Veeramreddy | Recruitment Manager (TAG), Tech Mahindra, Vijayawada | Industry Nominee |
| 7 | Mr. Allada Suresh | Associate Architect, Virtusa Consultant Services Pvt. Ltd., Hyderabad | Alumni Nominee |
| 8 | B. Ganesh | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 9 | B. Jagan | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 10 | G. Hemalatha | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 11 | A. Charishma | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 12 | P. Sharmila Sai | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 13 | M. Jagadeeswari | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 14 | Sandhya Sri Kanteti | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 15 | Nomula Srinivas Rao | Faculty, Dept. of MCA, AIETM | Faculty Member |
| 16 | Naram Satya Savitri | Faculty, Dept. of MCA, AIETM | Faculty Member |

Proceedings

Dr. C P V N J Mohan Rao gave the opening remarks. Dr. U Nanaji, BoS Chairman, conducted the proceedings as per the agenda.



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Agenda Items and Resolutions

1. Welcome Address

- Dr. U Nanaji welcomed all the members to the BoS meeting.

2. Discussion and Approval of Proposed Curriculum for III & IV Semesters (MCA) - Academic Year 2025-2026

III Semester Courses

- **Core Subjects:**
- PC-1: Machine Learning with Python
- PC-2: Internet of Things
- PC-3: Web Technologies
- PC-4: Cryptography and Network Security
- **Professional Elective - II (PE-2):**
Soft Computing / Software Project Management / Cloud Computing / Optimization Techniques / Cyber Security
- **Labs:**
- Machine Learning with Python Lab
- IoT Lab
- Web Technologies Lab
- **Project/Internship:**
Internship / Industry-Oriented Mini Project / Skill Development Course (Minimum 6 weeks)

IV Semester Courses

- **Professional Elective - III (PE-3):**
Digital Marketing / Human Resource Management / Deep Learning / Ad-hoc and Sensor Networks / MOOCs-1 (NPTEL/SWAYAM): Full Stack Technologies / Any recommended course
- **Professional Elective - IV (PE-4):**
Network Programming / Blockchain Technologies / Software Testing Methodologies / Big Data Analytics / MOOCs-2 (NPTEL/SWAYAM): Data Science / Any recommended course
- **Project Work / Dissertation**

Suggestions and Decisions:

- Dr. Bindu Madhuri emphasized including **MOOCs in 4th semester** and supported **IoT as a core subject** in the 3rd semester.
- Dr. Ande Prasad recommended making **Cloud Computing mandatory** and suggested offering **IoT as an elective**.
- It was resolved to approve the proposed structure with considerations from the above suggestions.

3. Finalization of Syllabus for III and IV Semesters

- The syllabus for all subjects in III & IV semesters was presented by the Chairman



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Recommendations Accepted:

- Inclusion of **AI concepts and AI Lab** alongside Machine Learning.
- Maintain **IoT with lab** for hands-on experience.
- Add **Unity concepts** in Software Project Management.
- Update **Human Resource Management** with additional content in Units 4 & 5 as suggested via email by Dr. Ande Prasad.
- The board unanimously resolved to accept the syllabus with all proposed modifications.

4. Teaching-Learning Methodology & Co-/Extra-Curricular Activities

- Members suggested enhancements in teaching methods and increased student involvement in co-curricular and extracurricular activities.

5. Paper Setters & Examiners for Evaluation

- Members agreed to send their recommendations via email to the BoS Chairman.

6. Other Academic Matters

- No additional academic issues were raised.

7. Miscellaneous

- No miscellaneous items were discussed.

Conclusion

The Chairman thanked all members for their valuable contributions. The meeting concluded at **03:00 PM** with a **vote of thanks** by Dr. U Nanaji, BoS Chairman.

Chairman-BoS

The screenshot shows a Zoom meeting in progress. On the left, a document titled "Mapping with POs and POs" is shared. The document contains a table with columns for "Course Code", "Course Objectives", "Mapping with POs and POs", and "BOS". The table lists three course objectives and their corresponding mapping to various POs (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PO13, PO14, PO15, PO16, PO17, PO18, PO19, PO20, PO21, PO22, PO23, PO24, PO25, PO26, PO27, PO28, PO29, PO30, PO31, PO32, PO33, PO34, PO35, PO36, PO37, PO38, PO39, PO40, PO41, PO42, PO43, PO44, PO45, PO46, PO47, PO48, PO49, PO50, PO51, PO52, PO53, PO54, PO55, PO56, PO57, PO58, PO59, PO60, PO61, PO62, PO63, PO64, PO65, PO66, PO67, PO68, PO69, PO70, PO71, PO72, PO73, PO74, PO75, PO76, PO77, PO78, PO79, PO80, PO81, PO82, PO83, PO84, PO85, PO86, PO87, PO88, PO89, PO90, PO91, PO92, PO93, PO94, PO95, PO96, PO97, PO98, PO99, PO100, PO101, PO102, PO103, PO104, PO105, PO106, PO107, PO108, PO109, PO110, PO111, PO112, PO113, PO114, PO115, PO116, PO117, PO118, PO119, PO120, PO121, PO122, PO123, PO124, PO125, PO126, PO127, PO128, PO129, PO130, PO131, PO132, PO133, PO134, PO135, PO136, PO137, PO138, PO139, PO140, PO141, PO142, PO143, PO144, PO145, 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(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to J.N.T.U-GV, Vizianagaram)

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www.avanthienggcollege.ac.in, principal_aiet@yahoo.com, principal@avanthienggcollege.ac.in

Signatures of the Members attended:

| S.NO | Name of the Member | Signature |
|------|--|--------------------------------|
| 1. | Dr. C P V N J Mohan Rao , Principal, | |
| 2. | Dr. U NANAJI , BOS Chairman | |
| 3. | Dr.CH BINDU MADHURI , Asst. Professor, JNTU-GV, Vizianagaram (Attended Online) | |
| 4. | Dr KUNJAM NAGESWARAO , Professor, Dept of CSIT, Andhra University, Visakhapatnam. (Attended Online) | Approval given through mail |
| 5. | Dr. ANDE PRASAD , Professor, Dept. of Computer Science Vikrama Simhapuri University, Nellore. (Attended Online) | Approval given through mail |
| 6. | SRI SRINIVAS REDDY VEERAMREDDY , Recruitment Manger (TAG), Tech Mahindra, Vijayawada (Attended Online) | Approval given through mail |
| 7. | MR. ALLADA SURESH , Associate Architecture, Virtusa Consultant Services Pvt Ltd, Hyderabad. (Attended Online) | Approval given through mail |
| 8. | B GANESH , Assoc. Professor, Department of MCA, AIETM(A) | |
| 9. | B JAGAN , Asst. Professor, Department of MCA, AIETM(A) | |
| 10. | G HEMALATHA Asst. Professor, Department of MCA, AIETM(A) | |
| 11. | A CHARISHMA Asst. Professor, Department of MCA, AIETM(A) | |
| 12. | P SHARMILA SAI Asst. Professor, Department of MCA, AIETM(A) | |
| 13. | M JAGADEESWARI Asst. Professor, Department of MCA, AIETM(A) | |
| 14. | SANDHYA SRI KANTETI Asst. Professor, Department of MCA, AIETM(A) | |
| 15. | NOMULA SRINIVAS RAO Asst. Professor, Department of MCA, AIETM(A) | |
| 16. | NARAM SATYA SAVITRI Asst. Professor, Department of MCA, AIETM(A) | |



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Proposed Course Structure: Program– M.C.A (Master of Computer Applications)
(Applicable from the academic year 2024-2025 to 2025-2026)

III Semester- Course Structure

Regulations: R24

| S.No | Course Code | Course Title | Category | Hours per Week | | | Credits |
|--------------|---|--|----------|----------------|----------|-----------|-----------|
| | | | | Lecture | Tutorial | Practical | |
| 1 | 24F00PC14 | Machine Learning with Python | PC | 3 | 0 | 0 | 3 |
| 2 | 24F00PC15 | Internet of Things | PC | 3 | 0 | 0 | 3 |
| 3 | 24F00PC16 | Web Technologies | PC | 3 | 0 | 0 | 3 |
| 4 | 24F00PC17 | Cryptography and Network Security | PC | 3 | 0 | 0 | 3 |
| 5 | 24F00PE02.1 24F00PE02.2 24F00PE02.3 24F00PE02.4 24F00PE02.5 | Elective-II <ul style="list-style-type: none">• Soft Computing• Software Project Management• Cloud Computing• Optimization Techniques• Cyber Security | PE | 3 | 0 | 0 | 3 |
| 6 | 24F00PC18 | Machine Learning with Python Lab | PC | 0 | 0 | 3 | 1.5 |
| 7 | 24F00PC19 | IoT Lab | PC | 0 | 0 | 3 | 1.5 |
| 8 | 24F00PC20 | Web Technologies Lab | PC | 0 | 0 | 4 | 2 |
| 9 | 24F00P201 | Internship/Industry Oriented Mini Project/Skill Development Course (Minimum 6-weeks) | PR | 0 | 0 | 0 | 2 |
| Total | | | | 15 | 0 | 10 | 22 |

| Category | Courses | Credits |
|------------------------------|---------|---------|
| PC: Professional Core Course | 4 | 12 |
| PE: Professional Elective | 1 | 3 |
| LB: Laboratory | 3 | 5 |
| PR: Skill Development Course | 1 | 2 |
| Total | 9 | 22 |



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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Proposed Course Structure: Program– M.C.A (Master of Computer Applications)
(Applicable from the academic year 2024-2025 to 2025-2026)

IV Semester- Course Structure

Regulations: R24

| S.No | Course Code | Course Title | Category | Hours per Week | | | Credits |
|-------|-------------|--|----------|----------------|----------|-----------|---------|
| | | | | Lecture | Tutorial | Practical | |
| 1 | 24F00PE03.1 | Elective-III* <ul style="list-style-type: none"> Digital Marketing Human Resource Management Deep Learning Ad-hoc and Sensor Networks MOOCs-1(NPTEL/SWAYAM) - Full Stack Technologies - Any recommended course | PE | 3 | 0 | 0 | 3 |
| | 24F00PE03.2 | | | | | | |
| | 24F00PE03.3 | | | | | | |
| | 24F00PE03.4 | | | | | | |
| | 24F00PE03.5 | | | | | | |
| 2 | 24F00PE04.1 | Elective-IV* <ul style="list-style-type: none"> Network Programming Block Chain technologies Software Testing Methodologies Big Data Analytics MOOCs-2(NPTEL/SWAYAM) -Data Science -Any recommended course | PE | 3 | 0 | 0 | 3 |
| | 24F00PE04.2 | | | | | | |
| | 24F00PE04.3 | | | | | | |
| | 24F00PE04.4 | | | | | | |
| | 24F00PE04.5 | | | | | | |
| 3 | 24F00PR03 | Project Work/Dissertation | PR | 0 | 0 | 0 | 12 |
| Total | | | | 6 | 0 | 0 | 18 |

| Category | Courses | Credits |
|----------------------------|---------|---------|
| PE: Professional Elective | 2 | 6 |
| PR: Public Relation Course | 1 | 12 |
| Total | 3 | 18 |

***Students going for Industrial Project/Thesis will complete these courses through MOOCs (even in earlier semester)**