Aditya Institute of Technology and Management

ACADEMIC REGULATIONS (AR26)

For

Master of Computer Applications (MCA) Programme

(Duration: Two Years)

(Applicable for the batches admitted from the A.Y. 2026-27)

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AUTONOMOUS)
Approved by AICTE, Accredited by NBA & NAAC,
Recognized under 2(f) and 12(b) of UGC
Permanently Affiliated to JNTUGV, Vizianagaram
K. Kotturu, Tekkali, Srikakulam-532201, Andhra Pradesh, India

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ACADEMIC REGULATIONS

Applicable for the students of Master of Computer Applications (MCA) PG Programme admitted from the Academic Year 2026-27 onwards. The MCA Degree of Aditya Institute of Technology and Management shall be conferred on candidates who are admitted to the program and who fulfill all the requirements for the award of the Degree.

1. ELIGIBILITY FOR ADMISSIONS:

Admission to the above program shall be made subject to eligibility, qualification and specialization as prescribed by the University from time to time.

Admissions shall be made on the basis of merit rank obtained by the candidates at ICET examination or the qualifying Entrance Test conducted by the University or on the basis of any other order of merit as approved by the University, subject to reservations as laid down by the Govt. from time to time.

2. AWARD OF MCA DEGREE:

A student shall be declared eligible for the award of the MCA Degree, if he pursues a course of study and completes it successfully in not less than two academic years and not more than four academic years.

The student shall register for all 80 credits and secure **all the 80 credits.**

The minimum instruction days in each semester are 90.

A Student, who fails to fulfill all the academic requirements for the award of the degree within four academic years from the year of their admission, shall forfeit his seat in MCA course.

Credit Definition

1 Hour Lecture (L) per week	1 Credit
1 Hour Tutorial (T) per week	1 Credit
1 Hour Practical (P) per week	0.5 Credit
2 Hours Practical (Lab) per week	1 Credit

3. ATTENDANCE:

A candidate shall be deemed to have eligibility to write end semester examinations if hehas put in a **minimum of 75% of attendance** in aggregate of all the subjects.

Condonation of shortage of attendance up to 10% (65% and above, and below 75%) maybe given by the College academic committee.

Condonation of shortage of attendance shall be granted only on genuine and valid reasonson representations by the candidate with supporting evidence.

Shortage of attendance below 65% shall in NO case be condoned.

A candidate shall not be promoted to the next semester unless he/she fulfills the attendance requirements of the present semester.

A stipulated fee shall be payable towards condonation of shortage of attendance.

4. EVALUATION:

The performance of the candidate in each semester shall be evaluated subject-wise with a maximum of 100 marks on the basis of continuous Internal Exams (40 marks) and End Semester Examination (60 marks).

A candidate shall be deemed to have secured the minimum academic requirement in a subject ifhe secures a minimum of 40% of marks in the End semester Examination and a minimum aggregate of 50% of the total marks in the End Semester Examination and Internal evaluation taken together.

Theory Subject:

For theory subjects, during a semester, there shall be two midterm examinations. Each midterm examination shall be conducted for a duration of 120 minutes and contains five descriptive questions (without choice), each question for 10 marks, and it will be scaled down to 40 marks.

Weightage of Marks					
	No. of questions	**I MID**		**No. of questions**	**II MID**
I Unit	2	20 Marks	III Unit	1	10 Marks
II Unit	2	20 Marks	IV Unit	2	20 Marks
III Unit	1	10 Marks	V Unit	2	20 Marks

The first midterm examination will be conducted usually after completion of 50% syllabus (i.e. first 2.5 Units), and the second midterm examination will be conducted usually at the end of instructions (after completion of remaining 50% syllabus i.e. remaining 2.5 Units).

Internal marks can be calculated with 80% Weightage for better of the two midterm exams and 20% weightage for another midterm exam.

The end semester examinations (60 marks) shall be conducted by the examination for duration of 180 minutes and contains five descriptive questions, each question for 12 marks. Each of these questions may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.

Laboratory:

The internal marks for laboratory are 40 marks and the marks shall be awarded based on the day to day work - 10 marks, record - 10 marks and the remaining 20 marks to be awarded by conducting an internal laboratory test.

External marks for laboratory are 60 marks and shall be awarded based on the performance in the end laboratory examinations. Laboratory examination must be conducted with two Examiners, one of them being the Laboratory Class Teacher and the external examiner. Laboratory examination must be conducted with breakup of description (10 marks), programming code (20 marks), output (15 marks), and viva-voce (15 marks).

Internship/industry oriented mini project (minimum 4 weeks):

There shall be an internship/industry oriented mini project, one need to complete during summer vacations (either within or after II-semester).

Self study report for the Internship/report on mini project after II semester shall be submitted and evaluated during the III semester.

The Self study report for the Internship/report on mini project will be evaluated for a total of 100 marks consisting of 40 marks for internal assessment and 60 marks for semester-end examination.

Internal assessment shall be done by internal supervisor.

The semester-end examination (Viva-Voce) shall be conducted by the committee, consisting of an external examiner, head of the department and internal supervisor of the Internship/industry oriented mini project.

5. PROJECT/DISSERTATION WORK EVALUATION:

Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee (PRC).

A PRC shall be constituted with Head of the Department and two other senior faculty

members (one will be the guide).

Registration of Project Work: A candidate is permitted to register for the project work after satisfying the attendance requirement of all the subjects, both theory and practical up to III semester.

After registration candidate has to submit, in consultation with his project supervisor, the title, objective and plan of action of his project work to the PRC for approval. The student can initiate the Project work, only after obtaining the approval from PRC after the III semester end examinations. The duration of the project is for one semester.

If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the PRC, however, the PRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.

A candidate shall submit his status report in two stages at least with a gap of ONE month between them.

A candidate is permitted to submit Project Thesis only after the approval of PRC. For the approval of PRC the candidate shall submit the draft copy of thesis to the Head of the Department and shall make an oral presentation before the PRC.

Three copies of the Project Thesis certified by the supervisor shall be submitted to the College along with plagiarism report (<50%).

The thesis shall be adjudicated by one examiner selected by the Principal. For this, the Head of the Department shall submit a panel of 3 examiners, eminent in that field, with the help of the guide concerned.

A board consisting of the Supervisor, Head of the Department and the examiner approved by the College who adjudicated the thesis shall conduct Viva-Voce examination. The Board shall jointly report the candidate's work for a maximum of 100 Marks and the candidate has to secure minimum of 50 marks for pass. The Head of the Department shall coordinate and make arrangements for the conduct of Viva-Voce examination.

6. MINIMUM ACADEMIC REQUIREMENTS:

Condition for pass and award of credits for a course:

A candidate shall be declared to have passed the individual course if he/she secures not less than **40%** of marks in the end examination (in fraction rounded to lower digit) and a minimum of **50%** of marks in the sum total of the mid semester and end examination marks taken together.

On passing a course of a program, the student shall earn assigned credits in that Course.

Method of Awarding Letter Grades and Grade Points for a Course:

A letter grade and grade points will be awarded to a student in all courses having credits, based on his/her performance as per the grading system given below.

Marks Range	Level	Letter Grade	Grade Points
>= 90%	Outstanding	O	10
>= 80 to <90%	Excellent	A+	9
>=70 to <80%	Very Good	A	8
>=60 to <70%	Good	B+	7
>=50 to <60%	Above Average	B	6
< 50%	Fail	F	0
Absent	Absent	Ab	0

Calculation of Semester Grade Points Average (SGPA):

The performance of each student at the end of each semester is indicated in terms of SGPA.

The SGPA is calculated as below:

$$\text{SGPA} = \frac{\Sigma(\text{CR} \times \text{GP})}{\Sigma\text{CR}}$$ (for all courses passed in a semester)

Where CR = Credits of a Course
GP = Grade points awarded for a course

Calculation of Cumulative Grade Points Average (CGPA):

The CGPA is calculated as below:

$$\text{CGPA} = \frac{\Sigma(\text{CR} \times \text{GP})}{\Sigma\text{CR}}$$ (for the entire program)

Where CR = Credits of a course
GP = Grade points awarded for a course

Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Award of Class:

Class Awarded	CGPA to be secured	Remarks
First Class with Distinction	≥ 7.75 (Without any supplementary appearance)	From the CGPA secured from 80 Credits
First Class	≥ 6.75	
Second Class	≥ 6.0 to < 6.75	
Pass Class	< 6.0	

CGPA to Percentage Conversion Formula: (CGPA – 0.5) x 10

6. SUPPLEMENTARY EXAMINATIONS:

Supplementary examinations will be conducted along with the subsequent batches regular examinations.

7. WITHHOLDING OF RESULTS:

If the student is involved in indiscipline/malpractices/court cases, the result of the student will be withheld.

8. TRANSITORY REGULATIONS:

Discontinued or detained candidates are eligible for readmission (within the duration as mentioned in item 2) and when next offered.

The readmitted students will be governed by the regulations under which the candidate has been admitted.

9. GENERAL:

Wherever the words he/him/his occurs in the regulations, they include she/her/hers.

The academic regulation should be read as a whole for the purpose of any interpretation.

In the case of any doubt or ambiguity in the interpretation of the above rules/regulations, the decision of the Principal is final.

The College may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the College.

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DISCIPLINARY ACTION FOR MALPRACTICES/IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
1	If the student possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the student which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
	If the student gives assistance or guidance or receives it from any other student orally or by any other body language methods or communicates through cell phone with any student or students in or outside the exam hall with respect to any matter	Expulsion from the examination hall and cancellation of the performance in that subject only. In case of an outsider, he will be handed over to the police and a case is registered against him.
2	If the student has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the student is appearing	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year.
3	If the student impersonates any other student in connection with the examination	The student who has impersonated shall be expelled from examination hall. The student is also debarred and forfeits the seat. The performance of the original student, who has been impersonated, shall be cancelled in all the subjects of the examination (including practical's and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all semester-end examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of the seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4	If the student smuggles the answer book or additional sheet or takes out or arranges to send out the question paper or answer book or additional sheet during or after the examination	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all semester-end examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of the seat.
5	If the student uses objectionable, abusive or offensive language in the answer script or in letters to the examiners or writes to the examiner requesting him to award pass marks	Cancellation of the performance in that subject.
6	If the student refuses to obey the orders of the Chief Superintendent/Assistant -Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a	In case of students of the college, they shall be expelled from examination hall and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already

	walkout or instigates others to walk out or threatens the officer-in charge or any person on duty in or outside the examination hall or causes any injury to any of his relatives either by words spoken or written or by signs or by visible representation, assaults the officer-in-charge or any person on duty in or outside the examination hall or any of his relatives, or indulges in any other act of misconduct or mischief which results in damage or destruction of property in the examination hall or any part of the college campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination	appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The students also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7	If the student leaves the exam hall taking away answer script or intentionally tears off the script or any part thereof inside or outside the examination hall	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all university examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of the seat.
8	If the student possesses any lethal weapon or firearm in the examination hall	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred and forfeits the seat.
9	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clauses 6, 7, 8	In case of student of the college, expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the college will be handed over to police and. a police case will be registered against them.
10	If the student comes in a drunken condition to the examination hall	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny	Cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work of that semester/year examinations.

Ragging

Ragging is prohibited under the follwing Acts

Supreme Court in SLP No. 24295 of 2006 dt. 16-05-2007
High Court Judgement dt. 11-09-1997 in W.P.No. 26132/96
Act 26 of A.P. Legislative Assembly dt. 19-08-1997
Indian Parliament Notice dt. 26-07-2008
as per AICTE Notice dt. 01-07-2009
as per UGC Notice dt. 22-10-2009

Ragging within or outside any educational institution is Prohibited.

Ragging means doing an act which causes or is likely to cause Insult or Annoyance or Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student.

	Imprisonment upto		Fine upto
Teasing Embarrassing and Humiliation	6 Months	+	Rs.1000/-
Assaulting or using criminal force or criminal intimidation	1 Year	+	Rs.2000/-
Wrongfully restraining or confining or causing hurt	2 Years	+	Rs.5000/-
Causing grievous hurt, kidnaping or rape or committing unnatural offence	5 Years	+	Rs.10,000/-
Causing death or abetting suicide	10 Years	+	Rs.50,000/-