

# Role of Academic Monitoring Committee in Moulding the Career of Students

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## Abstract

The role of the Academic Monitoring Committee (AMC), which is an essential part of the University educational system, is explained in this paper.

**Key Words:** Academic Monitoring Committee (AMC), Academic Issues, Students' Career, Attendance, Backlogs, Results

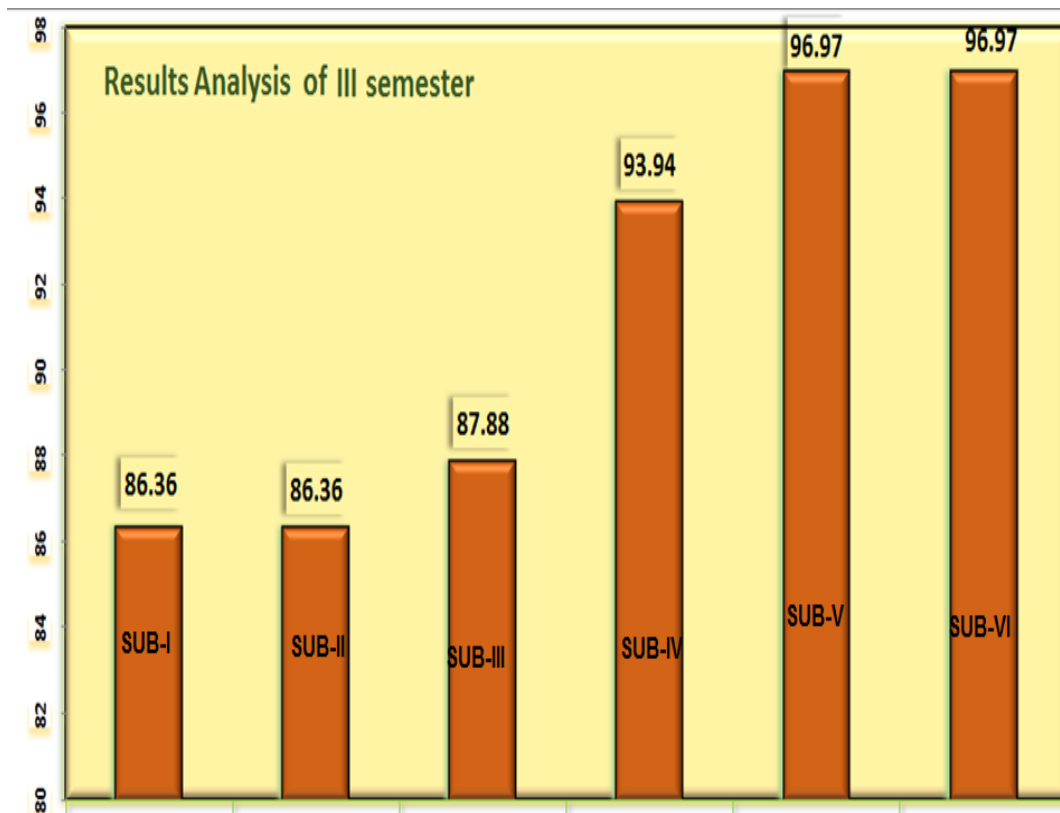
## 1. INTRODUCTION

In the GITAM University, academic monitoring committee (AMC) is in place to address the academic issues of the students. The committee consists of one AMC chairman for every section and one counselor each for every twenty students of a particular section. Like that chairmen are appointed for every section of every year. AMC has a great role in shaping the future of the students. It addresses the issues of the students, monitors the attendance and performance of the students, counsel them and provide means to overcome their draw backs and takes care of their holistic personality development and sees that the students are employable.

After the announcement of the results the Academic monitoring committee chairman of a particular section and the counselors analyze the results and the attendance. The chairman presents the results before the executive body of the university and takes the inputs and implement these in the subsequent semester to improve the regularity, grades and personality of the students.

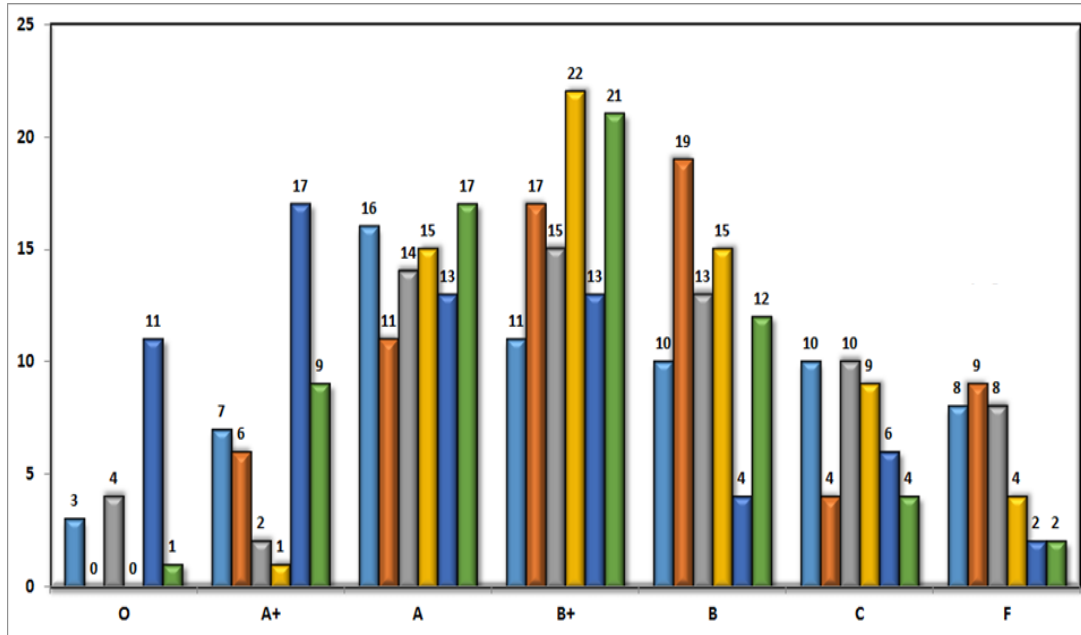
## 2. SUBJECT-WISE PASS PERCENTAGE

The results of the analysis are as follows:



**Figure-1:** Pass percentage in the semester end results for the six theory subjects.

The pass percentage is good. Coming to subject wise results analysis (Figure-I), the pass percentage in subjects - 1, 2 & 3 is a bit low. Feedback from the students and the concerned subject teachers is taken and remedial classes are conducted so that the students who have backlogs shall clear them in the next attempt. When compared to the previous semesters the results had been improved. Seven different grades (O, A+, A, B+, B, F - O being the highest, C being the lowest, F mean fail) will be awarded for each subject and each student based on the performance in internal exams, external exams, assignments submitted, classroom participation etc. This is called as continuous assessment. If any student failed to secure overall forty percent marks in any subject, he is given F (failed) grade.



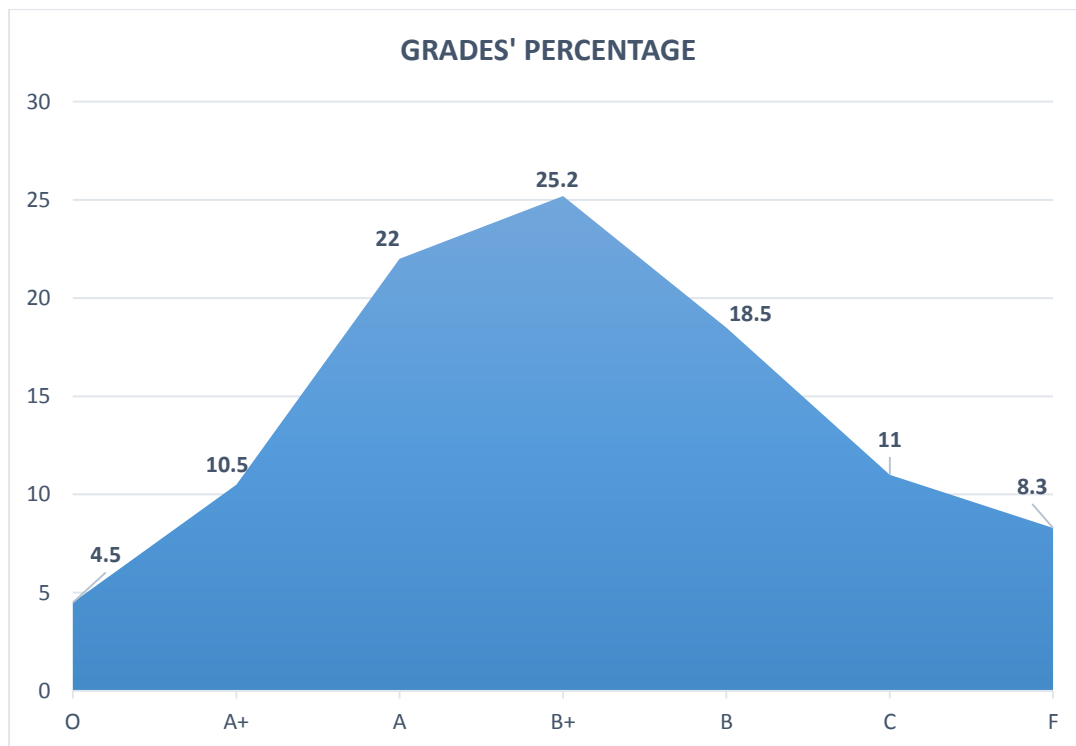
**Figure 2:** Grade-Wise Analysis for all the six subjects

**Table I:** Percentage of Grades

<b>GRADE</b>	<b>PERCENTAGE</b>
O ( $\geq 90$ marks)	4.5
A+ ( $\geq 80$ marks)	10.5
A ( $\geq 70$ marks)	22.0
B+ ( $\geq 60$ marks)	25.2
B ( $\geq 50$ marks)	18.5
C ( $\geq 40$ marks)	11.0
F ( $<40$ marks)	8.3
<b>Median</b>	<b>11</b>
<b>Mean</b>	<b>14.29</b>
<b>Standard Dev.</b>	<b>7.1</b>
<b>Skewness</b>	<b>0.306363</b>
<b>Pearson's Coefficient of Skewness</b>	<b>1.28491</b>
<b>Kurtosis</b>	<b>-1.51649</b>

### 3. GRADE-WISE ANALYSIS

The grade-wise analysis (figure-2, table-2) revealed that most of the students have acquired A, B+, B grades (22%, 25%, 18.5% respectively). Focus is laid on the improvement of A, A+ and O grades (First class and above) and to minimize the F (failure) grades. The skewness is positive (0.306363). However, here betterment of grades i.e. shifting from F to C, A+ to O gives a negative skewness. Pearson's second coefficient of skewness is 1.2849. Kurtosis is -1.5165. The negative kurtosis indicates a relatively flat distribution. The normal distribution has a Kurtosis of 3.



**Figure 3:** Plot of Grades' Percentage

### 4. BETTER GRADES AND STATISTICAL ANALYSIS

In the assumed scenarios of improved grades, the analysis is carried out and compared with the existing data. Improvement of grades is reflected by the increase in the percentage of students scoring A grade and above (A+, O) i.e. first class, first class with distinction.

**Table II:** Scenarios of Betterment of Grades

<b>GRADE</b>	<b>PERCENTAGE</b>	<b>BETTERMENT IN PERCENTAGE - I</b>	<b>BETTERMENT IN PERCENTAGE - II</b>	<b>BETTERMENT IN PERCENTAGE - II</b>	<b>BETTERMENT IN PERCENTAGE - II</b>
O	4.5	5	10	15	20
A+	10.5	15	20	25	30
A	22	25	25	30	30
B+	25.2	25	20	20	20
B	18.5	15	10	5	0
C	11	10	10	5	0
F	8.3	5	5	0	0
<b>SUM</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>SUM (O, A+, A)</b>	<b>37</b>	<b>45</b>	<b>55</b>	<b>70</b>	<b>80</b>
<b>MEAN</b>	<b>14.29</b>	<b>14.29</b>	<b>14.29</b>	<b>14.29</b>	<b>14.29</b>
<b>MEDIAN</b>	<b>11.00</b>	<b>15.00</b>	<b>10.00</b>	<b>15.00</b>	<b>20.00</b>
<b>Standard Dev.</b>	<b>7.67</b>	<b>8.38</b>	<b>7.32</b>	<b>11.34</b>	<b>13.97</b>
<b>Skewness</b>	<b>0.31</b>	<b>0.31</b>	<b>0.34</b>	<b>0.12</b>	<b>-0.05</b>
<b>Pearson's Coefficient of Skewness</b>	<b>1.28</b>	<b>-0.26</b>	<b>1.76</b>	<b>-0.19</b>	<b>-1.23</b>
<b>Kurtosis</b>	<b>-1.52</b>	<b>-1.47</b>	<b>-1.54</b>	<b>-1.68</b>	<b>-2.35</b>

**5. ATTENDANCE PERCENTAGE AND BACKLOG ANALYSIS:****Table III:** Attendance & Backlog Analysis

S.No.	Attendance % VI Sem (till now)	Attendance % V Sem	Attendance % IV Sem	Attendance % III Sem	Total No. of Backlogs	SGPA	CGPA
1	29	64	57	59	8	0.00	0.00
2	81	72	70	62	NIL	5.81	6.50
3	85	65	72	70	3	0.00	0.00
4	57	73	65	66	5	0.00	0.00
5	67	65	70	43	8	0.00	0.00
6	84	65	71	68	3	0.00	0.00
7	84	68	68	57	1	6.65	0.00
8	68	61	67	58	6	6.08	0.00
9	81	71	72	64	NIL	6.65	6.36

Regularity to classes helps in the holistic development of the students along with improved grades. The students who fall short of 75 percent attendance are counselled. In the above table the students having less percentage of attendance in various semesters and their backlogs are mapped which gives an understanding of the steps to be taken further for the development of the student.

**CONCLUSIONS**

1. Academic Monitoring Committee (AMC) has a crucial role to play in the holistic development of the students and to make them employable.
2. Students' attendance – regularity to classes has a great role to play in their overall development.