



Vishwakarma Government Engineering College, Chandkheda

Information Technology Department

Policy -I

Date: 20/01/2020

PURPOSE:-

To determine the target setting for Course Outcomes.

PROCESS:-

1. Tabulate the final grade of each student for past three years from the university results.
2. The university grades are given on the basis of marks range. University's grade pattern is as shown in Table 1. Our department has considered the lower value of range to convert grade into marks and tabulated grades are converted to marks for last three years.

Mark Range	Grade	Lower value of Range (Out of 100 Marks)
85 to 100	AA	85
75 to 84	AB	75
65 to 74	BB	65
55 to 64	BC	55
45-54	CC	45
40-44	CD	40
35-39	DD	35
<35	FF	34

Table -1: Grade to Marks Conversion

3. Calculate average marks scored in the university exam during last three years for each course (if similar course is exist with same syllabus) as shown in Table 2.

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA												
DEPARTMENT OF INFORMATION TECHNOLOGY												
LAST 3 YEARS RESULT ANALYSIS to set target for AY 2020-21												
Course : Big Data Analytics Semester : 7th												
Sr No	Grade as per GTU	Avg Marks as per range Grade	No.of Student attain Grade			Total Marks			% OF RESULT			AVERAGE OF %
			2017	2018	2019	2017	2018	2019	2017	2018	2019	
1	AA	85	1	0	2	85	0	170	63.22			
2	AB	75	7	12	21	525	900	1575				
3	BB	65	17	32	36	1105	2080	2340				
4	BC	55	16	23	12	880	1265	660				
5	CC	45	4	4	4	180	180	180				
6	CD	40	0	0	0	0	0	0				
7	DD	35	0	0	0	0	0	0				
8	FF	34	0	0	0	0	0	0				
Total			45	71	75	2775	4425	4925	61.67	62.32	65.67	63.00
No. of students having marks > =			25	44	59							
% of students having marks > =			55.56	61.97	78.67							
Avg of 3 years of who score > =			65			<= Threshold criteria						
Conclusion - From last three years' results,			65	63	% marks.							

Table-2: Overall Attainment of Course BDA [2171607]

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- 3.1. Calculate average students who have obtained average marks in university exams during the last three years for each course.
 - 3.2. Average marks are set as middle level [Level-2]. Student criteria for all levels are taken as 50%.
 - 3.3. The lower level [Level-1] is set to 40, considering that the passing mark for the university exam is 33%.
 - 3.4. The upper level [Level-3] is determined by increasing the middle level [Level-2] by 5%.
4. Compute the average of all internal components for the newly introduced course and convert this average into a percentage to determine the middle level [Level-2].

Internal Component 1 (30)	Internal Component 2 (20)		Internal Component n (30)	Sum (80)
A	B		N	A + B ... + N
21	18		10	49
18	16		22	56
17	20		13	50
15	10		25	50
14	10		12	36
			Average	48.2
			Percentage	60.25

- 4.1. The lower level [Level-1] is set to 40, considering that the passing mark for the university exam is 33%.
- 4.2. The upper level [Level-3] is determined by increasing the middle level [Level-2] by 5%.

• **Attainment level for courses of year 1.**

Level 1	50% of students will get more than 40% of marks
Level 2	50% of students will get more than 63% of marks
Level 3	50% of students will get more than 68% of marks

Table-3:-Sample of target setting for Course BDA [2171607]

- Set target level is set to 2.1 for 2018-2022 batch and it will be incremented by 0.1 for each subsequent batch (i.e. 2.2 for 2019-23 and so on).

• **Attainment level for subsequent years will be set as per following**

2017 Batch		Target	2018 Batch		Target	2018 Batch	
% Marks Range	Level	If Attained for all CO's	% Marks Range	Level	If Not Attained for all CO's	% Marks Range	Level
40	1		40	1		40	1
55	2		58	2		55	2
60	3		63	3		60	3

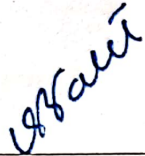
Table-4:- Attainment Level set method

- If the attainment target level is achieved for all COs, the target for the next academic term is increased.

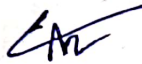
- If the attainment level is not achieved for all COs according to the targeted level, the Course should put in place an action plan to attain the target level in subsequent years.

Approved By:

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