

REVISED REGULATIONS GOVERNING CREDIT BASED SEMESTER SCHEME FOR BACHELOR OF SCIENCE IN ANIMATION AND VISUAL EFFECTS

(Framed under Section 44 (1) (c) of the KSU Act 2000)

Preamble:

The Bachelor of Science Degree in Animation and Visual Effects Programme prepares students for a career in various fields related to animation by providing a broad range of skills and techniques. This course includes pre-production, production and post-production, which gives knowledge about the entire film-making process; the teaching includes story writing to the end process of a movie. It is a subject which is based on creativity and uniqueness. The course is built with updated software which recent production houses are using. Degree in Animation is one of the new concepts in the educational field which helps the students to learn new technical subjects.

The Salient Features of the Credit Based Semester Scheme:

Each course shall carry certain number of credits, which normally represent the weightage of a course and are a function of teaching, learning and evaluation strategies such as number contact hours, the course content, teaching methodology, learning expectations, maximum marks, etc. In the proposed programmes, the credit shall be based on the number of instructional hours per week, generally one credit for two hours of instruction per week in theory papers and one credit for three hours of practical's per week. On these bases, a three year degree programme will have around of 96 credits.

The Program will prepare the students as Modeling, Texturing, Lighting, Rigging, Dynamics, Animation, Visual Effects, Character Designing, Script Writer, D.I, Matte Painting, Story-board artist etc. There are other departments at the management level as Directors, Team co-ordinator, Team Leader, Supervisor and so on. The students will be specialized in that particular subject, ready to work as excellent professionals. There is a vast scope with a number of career paths for animators like in the field of medical, architecture, advertising etc. Animators may also be employed in creating animated graphics for variety of projects including websites, online advertisements and video games.

1. TITLE AND COMMENCEMENT:

- i) These regulations shall be called "The Regulations governing Credit Based Semester Scheme for Bachelor Degree Programmes in the Faculties of Arts, Science and Commerce"
- ii) These regulations shall come into force from the date of assent of the Chancellor.

2. DURATION OF THE PROGRAMMES:

The duration of Bachelor Degree Programmes shall extend over six semesters (three academic years) of a minimum of 16 weeks each to ensure 90 actual working days in a semester. Each semester shall consist of 16 weeks of study (excluding the time spent for the conduct of final examination of each semester).

3. ELIGIBILITY FOR ADMISSION:

A candidate who has passed the two years Pre-University Examination conducted by the Pre-University Education Board in the State of Karnataka or two years Job Oriented Courses conducted by the Board of Vocational Education of any State Government or any other examination considered as equivalent thereto by Mangalore University is eligible for admission to this programmes.

4. MAXIMUM PERIOD FOR COMPLETION OF THE PROGRAMMES:

The candidate shall complete the programme within the period as prescribed in the regulation governing the maximum period for completing various degree/diploma programmes from the dates of admissions issued by the university by time to time. The term completing the programme means passing all the prescribed examinations of the programme to become eligible for the degree.

5. MEDIUM OF INSTRUCTION:

The medium of instruction and examination shall be English/Kannada.

6. SUBJECTS OF STUDY:

- a) Subjects of study shall comprise of Cell Animation, 3D Animation, Visual Effects and other subjects introduced from time to time.
- b) Constitution of India, Human Rights, Gender and Environmental studies shall be compulsory subjects in the first / second semesters.
- c) Co-and Extra Curricular Activities

A student shall opt for any one of the following activities in the first four semesters offered in the college

- A) N.S.S. / N.C.C / Rovers and Rangers
- B) Sports and Games
- C) Other Co-and Extra-Curricular Activities as prescribed by the university

Evaluation of Co-and Extra Curricular Activities is as per the procedure evolved by the university from time to time

7. ATTENDANCE AND CHANGE OF SUBJECTS:

- 7.1 A candidate shall be considered to have satisfied the requirement of attendance for a semester if he/she attends not less than 75% of the number of classes actually held up to the end of the semester in each of the subjects. There shall be no minimum attendance requirement for the Co- and Extra- Curricular activities. However, the shortage of attendance of students whose attendance is 60% and above but below 75% may be condoned by the University on payment of Condonation fee as prescribed by the University and by following the rules prescribed for Condonation.

- 7.2 A candidate who does not satisfy the requirement of attendance even in one subject shall not be permitted to take the whole University examination of that semester and he/she shall seek re-admission to that Semester in a subsequent year.
- 7.3 Option to change a language/subject after admission is exercisable only once within four weeks from the date of commencement of the I Semester on payment of fee prescribed by the University.
- 7.4 Whenever a change in a subject is permitted the attendance in the changed subject shall be calculated by taking into consideration the attendance in the previous subject studied by the candidate.
- 7.5 If a candidate represents his/her institution/University/ Karnataka State/ Nation in Sports/ NCC/ NSS/ Cultural or any officially sponsored activities he/she may be permitted to claim attendance for actual number of days required for participation, based on the recommendation of the Head of the Institution concerned. If a candidate is selected to participate in national level events such as Republic Day Parade etc., he/she may be permitted to claim attendance based on the recommendation of the head of the Institution concerned.

8. COURSE PATTERNS AND SCHEMES OF EXAMINATIONS

The details of Course Patterns (hours of instructions per week) and the Schemes of Examinations is as per appendix "A". The Syllabi of the courses shall be as prescribed by the University.

9. INTERNAL ASSESSMENT:

- 9.1 The internal assessment marks shall be based on at least two tests of a minimum of one hour duration each (the average of the best two tests shall be taken - 20 marks) and seminar / viva/ Project work (10 marks).
- 9.2 The marks of the internal assessment shall be published on the notice board of the college for information of the students.
- 9.3 The Internal assessment marks shall be communicated to the Registrar (Evaluation) at least 15 days before the commencement of the University examinations and the Registrar(Evaluation) shall have access to the records of such periodical assessments.
- 9.4 There shall be no minimum in respect of internal assessment marks.
- 9.5 Internal assessment marks shall be shown separately in the marks card. A candidate who has failed or rejected the result, shall retain the internal assessment marks.
- 9.6 Internship/Industrial Practicum/Project work in the degree programmes if any shall be as prescribed for the course.

10. REGISTRATION FOR EXAMINATIONS:

A candidate shall register for all the papers of a semester when he/she appears for the examination of that semester for the first time.

11. CONDUCT OF EXAMINATIONS:

- 11.1 There shall be Theory and Practical examinations at the end of each semester, ordinarily during October/November for odd semesters and during April/May for even semesters, as prescribed in the Scheme of Examinations.
- 11.2 Unless otherwise stated in the schemes of examination, Practical examinations shall be conducted at the end of each semester. The statement of marks sheet and the answer books of practical examinations shall be sent to the Registrar (Evaluation) by the Chief Superintendent of the respective Colleges immediately after the practical examinations.
- 11.3 The candidate shall submit the record book for practical examination duly certified by the course teacher and the H.O.D/staff in-charge. It shall be evaluated at the end of the Semester at the practical examination.

12. MINIMUM FOR A PASS:

- 12.1 A candidate shall be declared to have passed the program if he/she secures at least a CGPA of 4.0 (Course Alpha-Sign Grade C) in the aggregate of both internal assessment and semester end examination marks put together in each unit such as theory papers/ practicals / project work / dissertation / viva-voce under Group I / Group II / Group III (except in Co. and Extra curricular activities)
- 12.2 The candidates who pass all the semester examinations in the first attempts in three years are eligible for ranks provided they secure at least CGPA of 6.0 (at least Alpha-Sign Grade A).
- 12.3 The results of the candidates who have passed the sixth semester examination but not passed the lower semester examinations shall be declared as NCL (Not Completed Lower semester examinations). Such candidates shall be eligible for the degree only after completion of all the lower semester examinations.
- 12.4 A candidate who passes the semester examinations in parts is eligible for only CGPA and Alpha-Sign Grade but not for ranking.
- 12.5 There shall be no minimum in respect of internal assessment and viva-voce.
- 12.6 A Candidate who fails in any of the subject/paper/project work/Project Report/ dissertation shall reappear in that unit and pass the examination subsequently.

13. CLASSIFICATION OF SUCCESSFUL CANDIDATES:

The results of successful candidates at the end of each semester shall be declared in terms of Grade Point Average (GPA) and alpha – sign grade. The results at the end of the sixth semester shall be classified on the basis of the Cumulative Grade Point Average (CGPA) obtained in all the six semesters and the corresponding overall alpha – sign grade. An eight point grading system, alpha – sign grade as described below shall be adopted.

Eight Point Alpha – Sign Grading Scale:

Grade Point Average	<4	4-<5	5-<5.5	5.5-<6	6-<7	7-<8	8-<9	9-10
Alpha-Sign Grade:	D	C	B	B+	A	A+	A++	O (Outstanding)

The Grade Point Average (GPA) in a Semester and the Cumulative Grade Point Average (CGPA) at the end of sixth semester shall be computed as follows;

Computation of Grade Point Average (GPA): The grade points (GP) in a course shall be assigned based on the actual marks scored in that course as per the table below:

% Marks	35-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100
Grade Points	4	4.5	5.0	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

The Grade Point Weights (GPW) shall then be calculated as the product of the grade points earned in the course and the credits for the course. The total GPW for a semester is obtained by adding the GPW of all the courses of the semester. The GPA shall then be computed by dividing the total GPW of all the courses of study by the total credits for the semester.

The sample illustrations of computing semester grade point averages and cumulative grade point average and the alpha – sign grades assigned are as per Appendix B.

14. CARRY OVER:

A candidate who fails in a lower semester examination may go to the higher semester and take the examinations.

15. REJECTION OF RESULTS:

15.1 A candidate may be permitted to reject the result of the whole examination of any semester. Rejection of result paper-wise/subject-wise shall not be permitted. A candidate who has rejected the result shall appear for the immediately following regular examination.

- 15.2 The rejection shall be exercised only once in each semester and the rejection once exercised cannot be revoked.
- 15.3 Application for rejection along with the payment of the prescribed fee shall be submitted to the Registrar (Evaluation) through the College of study together with the original statement of marks within 30 days from the date of publication of the result.
- 15.4 A candidate who rejects the result is eligible for only class and not for ranking.

16. Transfer of Admission

Transfer of admissions is permissible either within the University or from other Universities within one month from the date of commencement of even/odd semester classes.

16.1 Conditions for transfer of admission of students within the University.

- i) His/Her transfer admission shall be within the intake permitted to the college.
- ii) Availability of same combination of subjects studied in the previous college.
- iii) He/she shall fulfill the attendance requirements as per the Mangalore University Regulation.
- iv) He/She shall complete the programme as per the regulation governing the maximum duration of completing the programme as per clause 6 of this regulation.

16.2 Conditions for transfer admission of students of other Universities.

- i) A Candidate migrating from any other University may be permitted to join odd/even semester of the degree programme provided he/she has passed all the subjects of previous semesters/years as the case may be. Such candidates must satisfy all other conditions of eligibility stipulated in the regulations of Mangalore University.
- ii) His/Her transfer admission shall be within the intake permitted to the college.
- iii) He/she shall fulfill the attendance requirements as per the Mangalore University Regulation.
- iv) The candidate who is migrating from other Universities is eligible for overall class and not for ranking.
- v) He/She shall complete the programme as per the regulation governing the maximum duration of completing the programme as per clause 6 of this regulation.

Appendix A

COURSE PATTERNS AND SCHEMES OF EXAMINATIONS

1. B.Sc. (Animation and Visual Effects)

T- Theory and P- Practical
CC- Co-Curricular , EC – Extra-Curricular

I / II Semester

	Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
					IA	Exam	Total	
Group 1	2 Languages	2L	2 x 4	2 x 2	2 x 30	2 x 70	2 x 100	2 x 2
Group 2	6 Animation subjects	3T	3 x 4	3 x 2	3 x 30	3 x 70	3 x 100	3 x 2
		3P	3 x 6	3 x 3	3 x 30	3 x 70	3 x 100	3 x 2
Group 3	Constitution of India, Human Rights, Gender and Environmental studies	1T	1 x 2	1 x 1	1x15	1 x 35	1 x 50	1
	CC & EC	-	-	-	1 x 50	-	1 x 50	1
Semester Total								18

III Semester

	Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
					IA	Exam	Total	
Group 2	7 Animation subjects	2T	2 x 4	2 x 2	2 x 30	2 x 70	2 x 100	2 x 2
		5P	5 x 6	5 x 3	5 x 30	5 x 70	5 x 100	5 x 2
Group 3	CC & EC	-	-	-	1 x 50	-	1 x 50	1
Semester Total								15

IV Semester

	Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
					IA	Exam	Total	
Group 2	7 Animation and Visual Effects subjects	1T	1 x 4	1 x 2	1 x 30	1 x 70	1 x 100	1 x 2
		6P	6 x 6	6 x 3	6 x 30	6 x 70	6 x 100	6 x 2
Group 3	CC & EC	-	-	-	1 x 50	-	1 x 50	1
Semester Total								15

V Semester

	Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
					IA	Exam	Total	
Group 2	5 Animation and Visual Effects Subjects	2T	2 x 4	2 x 2	2 x 30	2 x 70	2 x 100	2 x 3
		3P	3 x 6	3 x 3	3 x 30	3 x 70	3 x 100	3 x 3
Semester Total								15

VI Semesters

	Subjects	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
					IA	Exam	Total	
Group 2	Project work	Dissertation	40	-	150	250(Report) 100 (viva)	500	15
Semester Total								15
Grand Total								96

APPENDIX B

COMPUTATION OF SEMESTER GRADE POINT AVERAGE AND AGGREGATE GRADE POINT AVERAGE

Eight Point Alpha – Sign Grading Scale:

Grade Point Average	<4	4-<5	5-<5.5	5.5-<6	6-<7	7-<8	8-<9	9-10
Alpha-Sign Grade:	D	C	B	B+	A	A+	A++	O (Outstanding)

The Grade Point Average (GPA) in a Semester and the Cumulative Grade Point Average (CGPA) at the end of fourth semester shall be computed as follows:

15.1 ***Computation of Grade Point Average (GPA):*** The grade points (GP) in a course shall be assigned based on the actual marks scored in that course as per the table below:

% Marks	35-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100
Grade Points	4	4.5	5.0	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

The Grade Point Weights (GPW) shall then be calculated as the product of the grade points earned in the course and the credits for the course. The total GPW for a semester is obtained by adding the GPW of all the courses of the semester. The GPA shall then be computed by dividing the total GPW of all the courses of study by the total credits for the semester.

The following are the sample illustrations of computing semester grade point averages and cumulative grade point average and the alpha – sign grades assigned.

ILLUSTRATION 1 (18 Credits)

Papers	L1	L2	T1	T2	T3	P1	P2	P3	CI	CC&EC	TOTAL
Maximum Marks	100	100	100	100	100	100	100	100	50	50	800
Marks obtained	67	73	58	76	64	72	68	70	38	40	556
% Marks Obtained	67	73	58	76	64	72	68	70	76	80	-
Grade Points Earned (G.P.)	7	7.5	6	8	6.5	7.5	7	7	8	8	-
Credits for the Course(C)/Paper	2	2	2	2	2	2	2	2	1	1	18
Total GPW = GP x C	14	15	12	16	13	15	14	14	8	8	129

$$\text{GPA} = \text{Total GPW} / \text{Total Credits} = 129 / 18 = 7.16$$

Semester Alpha Sign Grade: **A+**

Calculation of Cumulative Grade Point Average (CGPA): The Cumulative Grade Point Average (CGPA) at the end of the six semester shall be calculated as the weighted average of the semester GPW. The CGPA is obtained by dividing the total of GPW of all the six semesters by the total credits for the programme.

ILLUSTRATION I

Semester	I	II	III	IV	V	VI	Total
Semester Alpha Sign Grade	A+	A++	A+	A++	A	B+	-
Semester GPA	7.16	8.0	7.9	8.5	6.9	5.8	-
Semester Credits	18	18	15	15	15	15	96
Semester GPW	129	115	110.6	119	96.6	127.6	697.8

Cumulative Grade Point Average (CGPA)

$$= \text{Total of Semester GPW} / \text{Total Credits for the programme}$$

$$= 697.8/96 = 7.27$$

Programme Alpha Sign Grade: **A+**

(Assented by the Chancellor on 18.8.2010 as communicated in Government letter No. ED 2 UDS 2010, dated 24.08.2010 and notified under Notification No.MU/ ACC/ CR.53/ 2009-10/A2, dated 3.09.2010)

Sd/-

REGISTRAR.