ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
MANGALORE UNIVERSITY

(Accredited by NAAC with 'A' Grade)

ಕ್ರಮಾಂಕ/ No. **:** MU/ACC/CR.15/B.Voc./2012-13/A2

ಕುಲಸಚಿವರ ಕಛೇರಿ
ಮಂಗಳಗಂಗೋತ್ರಿ – 574 199
Office of the Registrar
Mangalagangothri – 574 199

ದಿನಾಂಕ/Date:

11.04.2016

NOTIFICATION

Sub: Regulations governing B.Vocational Programmes.
Ref: Government letter No.ED 03 UDS 2015, dated 22.02.2016

~~~~

The Regulations governing B.Vocational Programmes assented by the Honorable Chancellor on 8.02.2016 as communicated in Government letter cited under above reference is hereby notified for implementation with effect from the academic year 2016-17.

Sd/-
REGISTRAR.

To:

1) The Principals of all Affiliated/ Constituent/ Autonomous Colleges of Mangalore University.
2) The Registrar (Evaluation), Mangalore University.
3) The Assistant Registrar (ACC), Mangalore University.
4) The Superintendents (ACC), O/o the Registrar, Mangalore University.
5) P.S. to Vice-Chancellor/ P.A. to Registrar, Mangalore University.
6) Guard File.
~~~~

MANGALORE UNIVERSITY

REGULATIONS GOVERNING B.VOCATIONAL PROGRAMMES

(Framed under section 44(1)(c) of KSU Act 2000)

PREAMBLE:

University Grants Commission in its letter No.F 13-1/2012 (Policy/NVEQF) dated 24.08.2012 has informed that the Ministry of Human Resource Development (MHRD), Government of India has formulated a National Vocational Education Qualification Frame Work (NVEQF) under the aegis of which it has envisioned to create 500 million skilled manpower by 2022 to meet the future requirements of the industry and other sectors of the employment market.

Under the NVEQF, the All India Council for Technical Education (AICTE) has identified 10 broad vocational sectors, with each sector offering a number of specializations. Based on this formulation, the U.G.C. has prepared a scheme for introducing vocational education in higher education sector and instructed the University to implement this scheme in the Colleges under its jurisdiction.

Based on U.G.C. scheme for introducing Vocational Education in Higher Education under the National Vocational Education Qualification Frame Work (NVEQF) Mangalore University has framed the Regulations governing B.Vocational programmes.

1. TITLE AND COMMENCEMENT:

i) These programmes shall be called B.Vocational Programmes. The programme shall consist of following vocational sectors and related specializations and any other specializations introduced from time to time.

Sl. No.	Sector	Specialization	Stream
1)	Automobiles	1. Engine Testing 2. Vehicle Testing 3. Vehicle Quality 4. Auto Electricals and Electronics 5. Farm Equipment and Machinery	Science
2)	Entertainment	1. Theatre and Stage Craft 2. Contemporary Western Dance 3. Theatre Studies 4. Acting	Arts
3)	Information Technology	1. Software Development	Science

4)	Telecommunications	1.	Mobile Communication	Science
5)	Marketing	1.	Retail	Commerce
6)	Agriculture	1. 2. 3. 4. 5.	Farm Machinery and Power Engineering Green House Technology Renewable Energy Food Processing and Engineering Soil and Water Conservation	Science
7)	Construction	1.	Building Technology	Science
8)	Applied Arts	1. 2. 3.	Fashion Technology/ Fashion Designing Interior Design Jewelry Design	Arts
9)	Tourism	1.	Tourism and Service Industry	Commerce
10)	Printing and Publishing	1.	Printing Technology.	Science

ii) These regulations shall come into force from the date of assent of the Chancellor.

2. ELIGIBILITY FOR ADMISSION:

2.1 (i) **B.Vocational Diploma (Level 5):** A candidate who has passed the two years Pre-University Examination conducted by the Pre-University Education Board in the State of Karnataka or any other examination considered as equivalent thereto by Mangalore University and candidate who has passed Higher Secondary in the vocational stream by the recognized institution is eligible for admission to this programme.
Candidates qualifying from Polytechnics with equivalent qualification to higher education are also eligible for admission to this programme

(ii) **B.Vocational Advanced Diploma (Level 6):** A candidate who has passed B.Vocational Diploma examination or first year Bachelor's degree examination of Mangalore University or any other University considered as equivalent t hereto is eligible for admission to this programme.

(iii) **B.Vocational Degree (Level 7):** A candidate who has passed B.Vocational Advanced Diploma examination or second year Bachelor's degree examination of Mangalore University or any other University considered as equivalent thereto is eligible for admission to this programme.

2.2 (i) A candidate who enters to Level 5 in particular specialization shall select same specialization in Level 6 and 7.

(ii) A Candidate who enters vocational programme from a conventional bachelors degree programme has to clear attainment of competencies required for earlier

Levels through on-line or off-line mode, as a part of eligibility for admission to a chosen Vocational programme.

3. DURATION: The duration of the Diploma, Advanced Diploma and Degree programmes separately shall be of one academic year of two semesters each. Each semester shall consist of 16 weeks of study (excluding the time spent for the conduct of final examination of each semester).

4. MEDIUM OF INSTRUCTION: The medium of instruction and examination shall be English or Kannada.

5. ATTENDANCE:

5.1. A candidate shall be considered to have satisfied the requirement of attendance for the programme if he/she attends not less than 75% of the classes actually held in each subject computed separately for theory and practical.

5.2. A candidate who does not satisfy the requirement of attendance shall not be permitted to take the examination and he/she shall repeat the programme in a subsequent year, subject to the condition under para 5.1.

5.3. 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 participated, 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 for actual number of days participated based on the recommendation of the head of the Institution concerned.

6. REGISTRATION FOR EXAMINATION:

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

7. HOURS OF INSTRUCTION AND SCHEME OF EXAMINATIONS:

There shall be Theory and Practical examinations at the end of each semester.

The details of hours of instruction and the scheme of examination shall be as stated below.

B.Vocational (Diploma)

I & II Sem.	Total Instruction Hours	Examination				
		Hrs/ Subject	I.A.	Theory	Total	Credits

General Content	i) 2 Language	2X50 hrs	100 hrs	3	2X30	2X70	2X100	2x3=6
	ii) 3 Subjects	3X50 hrs	150 hrs	3	3X30	3X70	3X100	3x3=9
			250 hrs					15
Vocational Content	i) 2 Theory	2X50 hrs	100 hrs	3	2X30	2X70	2X100	2x3=6
	ii) 3 Practicals/Project	3X50 hrs	150 hrs	3	3X30	3X70	3X100	3x3=9
			250 hrs					15

B.Vocational (Advanced Diploma)

III & IV Sem.		**Total Instruction Hours**		**Examination**				
				Hrs/ Subject	**I.A.**	**Theory**	**Total**	**Credits**
General Content	i) 1 Language	1X50 hrs	50 hrs	3	1X30	1X70	1X100	1x3=3
	ii) 3 Subjects	3X50 hrs	150 hrs	3	3X30	3X70	3X100	3x3=9
			200 hrs					12
Vocational Content	i) 2 Theory	2X50 hrs	100 hrs	3	2X30	2X70	2X100	2x3=6
	ii) 3 Practicals/Project	3X50 hrs	150 hrs	3	3X30	3X70	3X100	3x3=9
	iii) 1 Practical/Project	1X25	25 hrs	2	1X15	1X35	1X50	1x1=1
			275 hrs					16

B.Vocational (Degree)

V & VI Sem.		**Total Instruction Hours**		**Examination**				
				Hrs/ Subject	**I.A.**	**Theory**	**Total**	**Credits**
General Content	i) 3 Subjects	3X50 hrs	150 hrs	3	3X30	3X70	3X100	3x3=9
			150 hrs					9
Vocational Content	i) 2 Theory	2X50 hrs	100 hrs	3	2X30	2X70	2X100	2x3=6
	ii) 4 Practicals/Project	4X50 hrs	200 hrs	3	4X30	4X70	4X100	4x3=12
	iii) Project	-	50 hrs	-	-	-	-	2
			350 hrs					20

8. INTERNAL ASSESSMENT:

8.1. The internal assessment marks shall be based on at least one test and assignment/Field work/Report/Presentation.

8.2. The Marks of the internal assessment must be published on the notice board of the concerned colleges for information of the students.

8.3. Marks scored in the internal assessment shall be indicated separately in the marks card.

8.4. A internal assessment marks of a failed candidate shall be retained and carried forward to his/her subsequent examinations.

8.5 The internal assessment marks shall be communicated to the Registrar (Evaluation) at least 15 days before the commencement of the University Examination. The record of internal assessment shall be maintained in the college and Registrar (Evaluation) shall have access to such records.

9. 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 second semester of each programme shall be classified on the basis of the Cumulative Grade Point Average (CGPA) obtained in two semesters and the corresponding overall alpha – sign grade and marks scored by the Candidate shall not be shown in the marks card. 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 second semester shall be computed as follows:

9.1 COMPUTATION OF GRADE POINT AVERAGE (GPA): The grade points (GP) in a course shall be assigned on the basis of actual marks scored (end Semester examination and I.A.) in that course as per the table below provided they have secured a minimum of 35% marks in the end Semester examination. The candidate securing less than 35% marks in the end Semester examination in any theory/ practicals/ project work shall be declared to have failed in that theory/ practicals/ project work.

% 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 following is the sample illustrations of computing semester grade point averages (GPA), and cumulative grade point average (CGPA) and the alpha – sign grades assigned.

ILLUSTRATION (15 Credits)

	General Content						Vocational Content					
Papers	P1	P2	P3	P4	P5	Total	P1	P2	P3	P4	P5	Total
Maximum Marks	100	100	100	100	100	500	100	100	100	100	100	500
Marks obtained	67	73	58	76	64	338	60	65	72	61	75	333
% Marks Obtained	67	73	58	76	64	-	60	65	72	61	75	-
Grade Points Earned (G.P.)	7	7.5	6	8	6.5	-	6	6.5	7.5	6.5	7.5	-
Credits for the Course(C)/Paper	3	3	3	3	3	15	3	3	3	3	3	15
Total GPW = GP x C	21	22.5	18	24	19.5	105	18	19.5	22.5	19.5	22.5	102

The GPA shall then be computed by dividing the total GPW of all the courses of study by the total credits for the semester.

GPA = Total GPW / Total Credits = 105 + 102 ÷ 15+15 **= 207/30 = 6.9**

Semester Alpha Sign Grade: **A**

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

ILLUSTRATION

Semester	I	II	Total
Semester Alpha Sign Grade	A	A+	-
Semester GPA	6.9	7.0	-
Semester Credits	30	30	60
Semester GPW	207	210	417

Cumulative Grade Point Average (CGPA)

= Total of Semester GPW / Total Credits for the programme
= 417/60 = 6.95

Programme Alpha Sign Grade: **A**

10. MINIMUM FOR A PASS:

10.1 A candidate shall be declared to have passed Dipoma/ Advanced Diploma/ Degree 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.

10.2 The candidates who pass B.Vocational degree examinations in the first attempts are eligible for ranks provided they secure at least a CGPA of 6.0 (at least Alpha-Sign Grade A).

10.3 There shall be no minimum in respect of internal assessment marks.

10.4 A Candidate who fails in any of the theory/ practical/ project shall reappear in that theory/ practical/ project work and pass the examination subsequently.

11. CERTIFICATION NOMENCLATURE:

i) After successful completion of the first year, **B.Vocational Diploma** in the respective vocational specialization will be awarded and it shall be equivalent to first year Bachelor degree programme, i.e. Level 5.

ii) After successful completion of second year, **B.Vocational Advanced Diploma** in respective specialization will be awarded and it shall be equivalent to second year Bachelors degree programme, i.e. Level 6.

iii) After successful completion of third year, **B.Vocational degree** in respective specialization will be awarded and it shall be equivalent to third year Bachelor degree programme, i.e. Level 7.

12. LATERAL ENTRY AND EXIT:

Candidates shall have the freedom to move from vocational stream to current formal higher education stream or vice versa at various levels provided the levels of attainment of both general and vocational contents are successfully acquired by the candidate.

13. MAXIMUM PERIOD FOR COMPLETION OF THE PROGRAMMES:

The candidate shall complete the programme within 3 years from the date of admission to Diploma, Advanced Diploma and Degree programmes separately.

14. REJECTION OF RESULTS:

14.1 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.

14.2 The rejection shall be exercised only once in each semester and the rejection once exercised cannot be revoked.

14.3 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.

14.4 If a candidate during the study rejects the result during the study of Diploma/ Advanced Diploma/ Degree, he is eligible for only class.

(**Assented by Honorable Chancellor on 08-02-2016 as communicated in Government letter No.ED 03 UDS 2015 dtd. 22-02-2016**)

Sd/-
REGISTRAR.