REGULATIONS GOVERNING DIPLOMA COURSE IN "HARDWARE AND NETWORKING"

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

Preamble:

The last decade has been a witness to an unforeseen upswing in the Indian IT Industry. The exploration of the Information Technology has ballooned with invention and innovations encompass many aspects and the term is more recognizable than ever before. Though the world is facing global meltdown, the requirement of Quality Hardware & Network Engineers is still moving further with upswing. There is wide variety of Career opportunities are available for **capable Engineers.** The increased usage of computers resulted in increased demand of Hardware & Networking Professionals.

Scope for Hardware & Network Professionals:

Inspite of bad economic climate, the vacuum in the field of Hardware & Network Professionals are moving towards upswing and "For every 25 computers, it is inevitable to have one Hardware Engineer". Every thing that utilizes energy or is mechanical in nature must be installed, maintained or repaired sooner or later. Consequently, there is always high demand for skilled installation, maintenance and repair technicians. Information Technology is likely already a part of economy through various modes such as wireless communication, satellites and system that enable user to perform remote space exploration etc. IT Professionals perform a variety of tasks ranges from installing applications to designing complex computer networks and information databases.

1. Title and Commencement:

i. These regulations shall be called "The Regulations governing Diploma Course in Hardware and Networking",

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

2. Eligibility for Admission:

Candidates who have passed the two year Pre-University examination conducted by the Pre University Education Board in the State of Karnataka or any other examinations considered as equivalent there to shall be eligible.

3. Duration of the Programme:

The duration of the programme shall extend over a period of one academic year.

4. Medium of Instruction:

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

5. Hours of Instruction Per Week:

There shall be 26-30 hours of instructions per week. These hours may be distributed for lectures, Practicals and other modes of instruction.

6. Attendance:

Each paper (Theory/ Practical) shall be treated as an independent unit for the purpose of attendance. A student shall attend a minimum of 75% of the total instruction hours in a paper (Theory/ Practical) including tutorials and seminars. 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. Maximum Period for Completion of the Programme:

The candidate shall complete the programme within the period prescribed in the regulation governing maximum period for completing various degree/diploma programmes notified by the University from time to time.

8. Subjects of study:

Essentials of Electronics, PC Hardware, Computer Networking, Network Administration & Security and any other subjects such as latest Technologies to be introduced from time to time.

9. Scheme of Examination and instruction:

There shall be examinations at the end of every academic year usually one during April/May. The scheme of examination and instructions are as below:

Subjects	Instruction Hrs/Paper/Week	Duration of Exam (Hrs/paper)	Marks		
			I.A	Exam	Total
4 Theory Papers	3	3	4x20	4x80	4x100
4 Practicals	4	4	4x20	4x80	4x100
				Total	800

10. Internal Assessment:

10.1 Marks for internal assessment shall be awarded on the basis of Seminars, Tests and Assignments etc., as determined by the Board of Studies from time to time. The Internal Assessment marks shall be notified on the department/College Notice Board for information of the students and it shall be communicated to the Registrar (Evaluation) with in 10 days before the commencement of the University Examinations and the Registrar (Evaluation) shall have access to the records of such Internal Assessment evaluation.

10.2 Internal Assessment marks shall be shown separately in the marks card. A candidate who has rejected the result or who, having failed, takes the examination again, shall retain the Internal Assessment marks already obtained.

11. Registering for the examinations:

A candidate shall register for all the papers in the subject when he/she appears for the examination for the first time.

12. Valuation of Answer scripts:

Each Theory paper / Practical shall be conducted and evaluated by eligible examiners. Each Practical examination shall be conducted and evaluated by one Internal and one External Examiner or two External Examiners, if there are no Internal Examiners, but not by two Internal Examiners.

13. Minimum for a pass:

13.1 No candidate shall be declared to have passed in the examination unless he/she obtains not less than 40% marks in the University Examination in each unit such as Theory papers/Practicals and 40% marks in Theory/Practicals and internal assessment marks put together.

13.2 There shall be no minimum in respect of Internal Assessment.

13.3 A candidate who fails in any of the Theory paper / Practical shall reappear in that Theory paper / Practical and pass the examination subsequently.

14. Classification of Successful Candidates:

i. The results of successful candidates at the end shall be classified on the basis of aggregate marks obtained.
ii. The candidate who pass the examinations in the first attempt are eligible for ranks provided they secure 60% and above marks.

Percentage of marks for declaring class:

First Class with Distinction	70% and above
First Class	60% and above but less than 70%
Second Class	**50% and above but less than 60%**
Pass Class	**40% and above but less than 50%**

15. Rejection of Results:

15.1 A candidate may be permitted to reject the result of the whole examination. 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 and the rejection once exercised shall not be revoked.

15.3 Application for rejection along with the payment of the prescribed fee shall be submitted to 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 has rejected the result is eligible for only class and not for ranking.

(Assented by the Chancellor on 16.08.2010 as communicated in Government letter No.Ed 11 UDS 2010, dated 24.08.2010 and notified under Notification No.MU/ ACC/ CR.25/2009-10/A2, dated 5.09.2010)

Sd/-
REGISTRAR.