D.V.S.College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

(Accredited from National Assessment & Accreditation Council at the B+ Level)

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DVV Clarification for 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years.

1.3.2.1. Number of courses that include experiential learning through project work/field work/internship year wise during last five Years.

HEI Input:

2020-21	2019-20	2018-19	2017-18	2016-17
6	6	6	6	6

- DVV had sought clarification for the document showing the experimental learning through project work/field work/internship as prescribed by the affiliating university/affiliating university curriculum.
- Herewith the HEI is attaching the document regarding the same.

Principal

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KUVEMPU UNIVERSITY

Revised syllabus for BCA Course

And

BSc Computer Science Course

W.E.F 2016-17

DEPARTMENT OF STUDIES AND RESEARCH IN COMPUTER SCIENCE JANNASHAYADRI CAMPUS, SHAKARGHATTA

KARNATAKA,INDIA

NEW SYLLABUS FOR BCA (EFFECT FROM 2016-17)

Semester	First	Weekly hours	Internal marks	External marks	total
Paper code	Subject				
BCA01/02/03/04	KAN/SANS/URDU/HINDI-I	4	20	80	100
BCA05	ENGLISH-I	4	20	80	100
BCA13	MATHEMATICS-I FOR COMPUTER APPLICATION	4	20	80	100
BCA14	COMPUTER FUNDAMENTALS	4	20	80	100
BCA15	C -PROGRAMMING	4	20	80	100
BCA18	DIGITAL FUNDAMENTALS	4	20	80	100
BCA17	C PROGRAMMING LAB	3	20	80	100
Total		27			700

Semester	second	Weekly hours	Internal marks	External marks	total
Paper code	Subject				
BCA01/02/03/04	KAN/SANS/URDU/HINDI-II	4	20	80	100
BCA05	ENGLISH-II	4	20	80	100
BCA23	MATHEMATICS-II FOR COMPUTER APPLICATION	4	20	80	100
BCA24	COA	4	20	80	100
BCA25	STATISTICS AND PROBABILITY	4	20	80	100
BCA26	DATA STRUCTURE USING C	3	20	80	100
BCA27	DATA STRUCTURE LAB	3	20	80	100
Total		27			700

Semester	THIRD	Weekly hours	Internal marks	External marks	total
Paper code	SUBJECT				
BCA01/02/03/04	KAN/SANS/URDU/HINDI-III	4	20	80	100
BCA05	ENGLISH-III	4	20	80	100
BCA33	OBJECT ORIENTED PROGRAMMING WITH C++	4	20	80	100
BCA34	SYSTEM SOFTWARE	4	20	80	100
BCA35	DATA BASE MANAGEMENT SYSTEM	4	20	80	100
BCA36	C++ LAB	3	20	80	100
BCA37	SQL LAB	3	20	80	100
TOTAL		26			700

Semester	FOURTH	Weekly hours	Internal marks	External marks	total
Paper code	SUBJECT				
BCA01/02/03/04	KAN/SANS/URDU/HINDI-IV	4	20	80	100
BCA05	ENGLISH-II	4	20	80	100
BCA43	JAVA PROGRAMMING	4	20	80	100
BCA44	COMPUTER GRAPHICS AND MULTIMEDIA	4	20	80	100
BCA45	DATAWAREHOUSING AND DATA MINIG	4	20	80	100
BCA46	JAVA LAB	3	20	80	100
BCA47	CG LAB	3	20	80	100
TOTAL		26			700

Semester	FIFTH	Weekly hours	Internal marks	External marks	total
Paper code	SUBJECT				
BCA51	ADVANCED JAVA PROGRAMMING	4	20	80	100
BCA52	DATA COMMUNICATION	4	20	80	100
BCA53	WEB TECHNOLOGY WITH PHP	4	20	80	100
BCA54	OPERATING SYSTEM	4	20	80	100
BCA55*	SOFTWARE ENGINEERING	4	20	80	100
BCA56	WEB TECHNOLOGY LAB	3	20	80	100
BCA57	ADVANCED JAVA LAB	3	20	80	100
TOTAL		26			700

Semester	SIXTH	Weekly hours	Internal marks	External marks	total
Paper code	SUBJECT				
BCA61	COMPUTER NETWORKS	4	20	80	100
BCA62	DOT NET WITH C#	4	20	80	100
BCA63	UNIX AND SHELL PROGRAMMING	4	20	80	100
BCA64	UNIX AND SHELL PROGRAMMING LAB	3	20	80	100
BCA65	PROJECT LAB	3	20	80	100
TOTAL		18			500

BCA 65 PROJECT LAB

The objective of the project is to motivate them to work in emerging/latest technologies, help the students to develop ability, to apply theoretical and practical tools/techniques to solve real life problems related to industry, academic institutions and research laboratories.

The project is of 3 hours/week for one (semester VI) semester duration and a student is expected to do planning, analyzing, designing, coding and implementing the project. The initiation of project should be with the project proposal. The synopsis approval will be given by the project guides.

The project proposal should include the following:

- Title
- Objectives
- Input and output
- Details of modules and process logic
- Limitations of the project
- Tools/platforms, Languages to be used
- Scope of future application

For the project work, the guide(internal) evaluate the work for 20 marks based on the performance of the candidates during the development of he project and the external examiner will evaluate the project work as follows:

- Project Report - 20 marks
- Project Demo   -30 Marks
- Viva-Voce   - 30 marks

The Project work should be either an individual one or a group of not more than five members.

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NEW SYLLABUS FOR B.Sc. (Computer Science)

(EFFECT FROM 2016-17)

Paper code	Semester	SUBJECT	Weekly hours	Internal marks	External marks	PRACTICALS	total
BSC1	I	CF &CP	4+3	10	50	40	100
BSC2	II	DS	4+3	10	50	40	100
BSC3	III	DBMS	4+3	10	50	40	100
BSC4	IV	C++	4+3	10	50	40	100
BSC5	V	JAVA	4+3	10	50	40	100
		OS&UNIX	4+3	10	50	40	100
BSC6	VI	ADV JAVA	4+3	10	50	40	100
		SE&CN	4+3	10	50	40	100
TOTAL							800

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PRACTICAL: PROJECT LAB

PROJECT LAB EXAM SCHEME

The objective of the project is to motivate them to work in emerging/latest technologies, help the students to develop ability, to apply theoretical and practical tools/techniques to solve real life problems related to industry, academic institutions and research laboratories. The project is of 3 hours/week for one (semester VI) semester duration and a student is expected to do planning, analyzing, designing, coding and implementing the project. The initiation of project should be with the project proposal. The synopsis approval will be given by the project guides.

The Project work should be either an individual lone or a group of not more than five members.

The project proposal should include the following:
- Title
- Objectives
- Input and output
- Details of modules and process logic
- Limitations of the project
- Tools/platforms, Languages to be used
- Scope of future application

The examiner will evaluate the project work as follows:

- Project Report - 10 Marks
- Project Demo - 10 Marks
- Viva-Voce - 20 Marks

KUVEMPU UNIVERSITY

Department of Studies in Physics
Jnana Sahyadri, Shankaragatta - 577451
Karnataka, INDIA

Dr H S Jayanna
Chairman, B.O.S in Physics (P.G) and (UG)

Date: 26.08.2015.

PROCCEDINGS OF THE SPECIAL B.O.S. PHYSICS & ELECTRONICS (UG) MEETING HELD ON 26.08.2015.

The Chairman of B.O.S (U.G) formally welcomed the members. The meeting started at 11.00 AM in the chamber of the Chairman of B.o.S in Physics Department. The agenda discussed is the following.

1. The board has gone through the syllabus of 5th and 6th semester of B.Sc. (Electronics) which should be implemented from July 2015 and approved the same.

Meeting is concluded with vote of thanks.

Members Present:

1. Dr. H S Jayanna   Chairman

2. Mr. J.C. Papanna   Member

3. Mr. Venkatesh Murthy   Member

4. Mr. S.V. Prabhakar   Member

Principal
D.V.S. College of Arts & Science
Shivamogga.

Dr. HS Jayanna
Chairman, BOS (UG) for Physics and Electronics

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾರ್ಯಾಲಯ, ಕುವೆಂಪು ಶತಮಾನೋತ್ಸವ ಭವನ, ಜ್ಞಾನ ಸಹ್ಯಾದ್ರಿ,
ಶಂಕರಘಟ್ಟ – 577 451, ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ.

ಸಂಖ್ಯೆ:ಕುವಿ:ಶೈವಿ:ಎಸಿ-5: ೩೨೪೭-2015-16
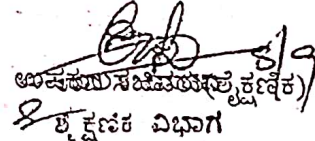
ದಿನಾಂಕ:07-09-2015

|೮

ಅಧಿಸೂಚನೆ

ವಿಷಯ:ಸ್ನಾತಕ ಪದವಿ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಪಠ್ಯಕ್ರಮವನ್ನು ಪರಿಚಲಿಸುವ ಬಗ್ಗೆ.
ಉಲ್ಲೇಖ:ಮಾನ್ಯಕುಲಪತಿಯವರ ಘಟನೋತ್ತರ ಅನುಮೋದನೆ ದಿನಾಂಕ 24-08-2015

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ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ನಾತಕ ಪದವಿಯ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ವಿಷಯದ 05 ಹಾಗೂ 06ನೇ ಸೆಮಿಸ್ಟರ್‌ಗೆ ಸಂಬಂಧಿಸಿದ ಪಠ್ಯಕ್ರಮವನ್ನು 2015-16ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಬೋಧನೆಗೆ ಅಳವಡಿಸಿಕೊಂಡು ಅನುಸರಿಸಲು ಮಾನ್ಯಕುಲಪತಿಗಳ ಅನುಮೋದನೆಯನ್ವಯ ಮುಂಬರುವ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಅನುಮೋದನೆಯನ್ನು ಕಾಯ್ದಿರಿಸಿ ಈ ಮೂಲಕ ಪರಿಚಲಿಸಲಾಗಿದೆ.

ಅಡಕ:– 05 ಹಾಗೂ 06ನೇ ಸೆಮಿಸ್ಟರ್‌ನ ಪಠ್ಯಕ್ರಮವನ್ನು ಅಳವಡಿಸಲಾಗಿದೆ

ಗೆ,

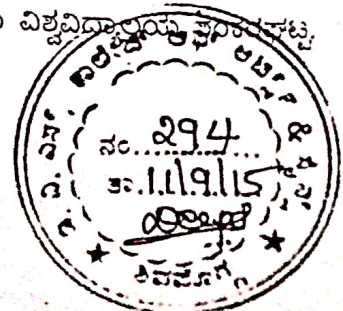1. ಪ್ರಾಂಶುಪಾಲರು, ಡಿ.ವಿ.ಎಸ್.ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.
2. ಪ್ರಾಂಶುಪಾಲರು, ಎಸ್.ಆರ್.ಎನ್.ಎಂ. ಪದವಿ ಕಾಲೇಜು ಶಿವಮೊಗ್ಗ.
3. ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ಕಾರಿ ಪದವಿ ಕಾಲೇಜು ಶಿಕಾರಿಪುರ (ಪೊ)ಶಿವಮೊಗ್ಗ (ಜಿ).
4. ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ಕಾರಿ ಪದವಿ ಕಾಲೇಜು ಕೊಪ್ಪ (ಪೊ)ಚಿಕ್ಕಮಗಳೂರು (ಜಿ).

ಪ್ರತಿ:

1. ಕುಲಸಚಿವರು. (ಪರೀಕ್ಷಾಂಗ) ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ,ಶಂಕರಘಟ್ಟ.
2. ಪ್ರೊ, ಹೆಚ್ ಎಸ್. ಜಯಣ್ಣ, ಸ್ನಾತಕ ಪದವಿ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಆಧ್ಯಯನ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷರು, ಮತ್ತು ಪ್ರಾಧ್ಯಾಪಕರು, ಸ್ನಾತಕೋತ್ತರ ಭೌತಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ, ಶಂಕರಘಟ್ಟ.
3. ಡೀನರು, ವಿಜ್ಞಾನ ನಿಕಾಯ. ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ,ಶಂಕರಘಟ್ಟ.
4. ಸಂಯೋಜನಾಧಿಕಾರಿಗಳು,ಸ್ನಾತಕೋತ್ತರ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ ಶಂಕರಘಟ್ಟ.
5. ಉಪಕುಲಸಚಿವರು, ಪ್ರಾಧಿಕಾರ ವಿಭಾಗ, ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ ಶಂಕರಘಟ್ಟ.
6. ಕಛೇರಿ ಪ್ರತಿ.

ಆಪ್ತಕಾರ್ಯದರ್ಶಿ(ಶೈಕ್ಷಣಿಕ)
ಶೈಕ್ಷಣಿಕ ವಿಭಾಗ
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಜ್ಞಾನ ಸಹ್ಯಾದ್ರಿ
ಶಂಕರಘಟ್ಟ–577 451
ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ

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KUVEMPU UNIVERSITY

BACHELOR OF SCIENCE

ELECTRONICS

SYLLABUS

With effect from 2013-2014

KUVEMPU UNIVERSITY

BACHELOR OF SCIENCE
ELECTRONICS
(With effect from 2013-2014)

The Course of Study and the Scheme of Examinations

Semester	Paper	Title of the paper	Ins Hrs/ week	Exam hrs	Max Marks		
					IA	Unl Exam	Total
I	1st	Electrical components & Circuit theory	4	3	10	50	100
	1st	Electrical Lab	3	3	-	40	
II	2nd	Semi conductor devices & its Applications	4	3	10	50	100
	2nd	Analog Electronics lab 1	3	3	-	40	
III	3rd	Opto Electronics devices, Amplifier & power Electronics	4	3	10	50	100
	3rd	Analog Electronics lab 2	3	3	-	40	
IV	4th	Differential amplifier& Liner ICs	4	3	10	50	100
	4th	Linear IC lab	4	3	-	40	
V	5th	Digital Electronics	3	3	10	50	100
	5th	Digital lab	3	3	-	40	
	6th	Analog & digital Communication	3	3	10	50	100
	6th	Communication lab	3	3	-	40	
VI	7th I	Micro controller & its Application	3	3	10	50	100
	7th	Micro controller Application Lab	3	3	-	40	
	8th	Advanced communication system	3	3	10	50	100
	8th	Project	3	3	-	40	

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SCHEME OF VALUATION FOR PROJECT

1. Write up regarding project

   05 Marks

   - Project title

   - Brief introduction about the project

   - Brief description about the hard ware used in the project

   - Brief description about the working of the project

   - Conclusion

2. Presentation (PPT or seminar)   **15 Marks**

3. Demonstration   **10 Marks**

4. Viva   **05 Marks**

5. Project report   **05 Marks**
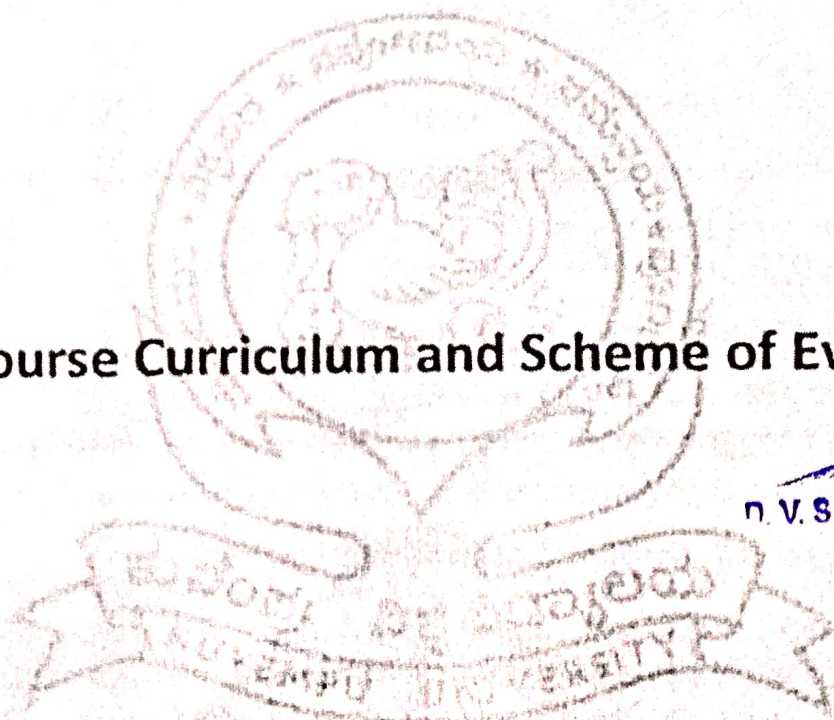
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KUVEMPU UNIVERSITY

B.Sc., BOTANY PROGRAMME

Course Curriculum and Scheme of Evaluation

Practical syllabus

Paper VIII – Project work

Practical syllabus- ANY TOPIC

Time– 3 hrs   Marks - 40

Practical VIII: SCHEME OF VALUATION

1. Record – Project work Submission.   -20
2. Practical proper - Presentation.   -10
3. Viva   -10

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KUVEMPU UNIVERSITY

Jnanasahyadri, Shankaraghatta

PHYSICS

THREE YEAR B.Sc., DEGREE COURSE SYLLABUS

(Semester Scheme)

TO BE IMPLEMENTED FROM– JUNE 2014

Scheme of Examination

SEMESTER	THEORY				INTERNAL ASSESSMENT (I.A)	PRACTICAL		
	PAPER	PAPER CODE	TIME	MAX. MARKS	MAX. MARKS	PAPER	TIME	MAX. MARKS
I	I	SSA215	3 Hours	50	10	I	3Hours	40
II	II	SSB215	3 Hours	50	10	II	3Hours	40
III	III	SSC215	3 Hours	50	10	III	3Hours	40
IV	IV	SSD215	3 Hours	50	10	IV	3Hours	40
V	V	SSE215	3 Hours	50	20	V	3 Hours	40
	VI	SSE216	3 Hours	50		VI (dissertation)	3 Hours	40
VI	VII	SSF215	3 Hours	50	20	VII	3 Hours	40
	VIII	SSF216	3 Hours	50		VIII	3 Hours	40

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V SEMESTER   **PRACTICAL – VI**

Dissertation Or minor project.

3 hours per week

- The students may do the dissertation or minor project work either individually or in a group.

- Maximum number of students in a group is four.

- Topic or subject is to be selected under the guidance of the respective teacher.

- The students have to submit the duly certified report at the examination.

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KUVEMPU UNIVERSITY

CURRICULUM IN ZOOLOGY FOR B.Sc. (UG)

B.Sc. DEGREE SEMESTER SYLLABUS (Effective from 2018-19 onwards)

			Theory		Practical		
Year	Sem	Paper	Title	Teaching Hrs	Paper	Title	Teaching Hrs
I	1	1	Diversity and Functional Anatomy of Non-Chordates	60 hrs	1	Diversity and Functional Anatomy of Non-Chordates	15 x3 = 45hrs
	2	2	Diversity and Functional Anatomy of Chordates	60 hrs	2	Diversity and Functional Anatomy of Chordates	15 x3 = 45hrs
II	3	3	Ecology, Ethology and Biodiversity	60 hrs	3	Ecology, Ethology and Biodiversity	15 x3 = 45hrs
	4	4	Animal Physiology, Biochemistry and Biostatistics	60 hrs	4	Animal Physiology, Biochemistry and Biostatistics	15 x3 = 45hrs
III	5	5.1	Cell Biology, Microbiology and Immunology	45 hrs	5	Cell Biology, Microbiology and Immunology	15 x3 = 45hrs
		5.2	Applied Zoology, Histology and Bio-techniques	45 hrs	6	Applied Zoology, Histology and Bio-techniques	15 x3 = 45hrs
	6	6.1	Genetics, Molecular Biology and Evolution	45 hrs	7	Genetics, Molecular Biology and Evolution	15 x3 = 45hrs
		6.2	Developmental Biology and Animal Biotechnology	45 hrs	8	Developmental Biology and Animal Biotechnology	15 x3 = 45hrs

Teaching hours: I & II year 4 hours theory and 3 hrs Practical / week. III year 3+3=6 hrs theory and 3+3=6 hours Practical / week.

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B.SC. ZOOLOGY SEMESTER V – PRACTICAL PAPER- 5.2

PROJECT WORK

Batches consisting of 4 -6 students each are formed. They are given a suitable project work by the Zoology faculty in-charge of the batch. Each batch should conduct survey/observations/experiments and submit the report on the project under the guidance of Zoology faculty. The project work should concentrate on the problems /animals of surrounding area pertaining to zoology. Each batch should work as a team with suitable coordination among them. A copy of project report must be submitted to the department.

PRACTICAL PAPER 5.2-SCHEME OF PRACTICAL EXAMINATION

Project work and report

Time: 3 hrs.   Max. marks : 40

Q I Project submission:

   Title and Objectives (about 100 words) should be mentioned clearly in answer book …. 20 marks

Q II Seminar / Presentation   15 marks

Q III Viva voce / Discussion   5 marks

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