



NAAC: B+(CGPA 2.60)

Estd: 1937

SRR & CVR GOVT. DEGREE COLLEGE (Autonomous)

VIJAYAWADA – 520 004 :: KRISHNA DISTRICT:: ANDHRA PRADESH

Phone No: 0866-2430060

Website: www.srrcvr.org

Fax No: 0866-2441092

Email: srrandcvr@gmail.com

Date: 25 -02-2021

Department of Computer Science

Up gradation Of Syllabus for 1st,2nd,3rd,5th Semesters. Minutes of the meeting of Board of Studies in Computer Science held on 25/02/2021 at 1.00 pm in Computer Science Department.

Members Present

DEPARTMENT OF COMPUTER SCIENCE

- | | |
|-----------------------------|---|
| 1. Sri T.V.Rambabu | Chairman, Dept of Computer Science |
| 2. Dr. R. Kiran Kumar | University Nominee, Krishna University |
| 3. Dr. K.B.S Sastry | Subject Expert, Andhra Loyola College, Vijayawada Krishna Dist |
| 4. Sri K.Sridhar | Subject Expert, P.B.Siddartha College of Arts&Science ,Vijayawada |
| 5. SmtP.Sailaja | Member |
| 6. Sri T.Jaya Krishna | Member |
| 7. Sri. KVLN Prasad | Member |
| 8. D.Phani | Member |
| 9. M.Suresh Babu | Member |
| 10. Sri. G.Sridhar | Member |
| 11. Sri MVS Sarma | Member |
| 12. Ms T.Pavani | Member |
| 13. Sri. M. Srihari Krishna | Industry Member |
| 14. Sri. B. Nani | Alumni Member |

Resolutions

1. It was unanimously resolved to Upgrade and Adopt Syllabus for 5TH SEMESTER III B.Sc.(Computer Science) groups(MECS, MSCS, MPCS,MCCS) , 3rd SEMESTER IIB.Sc(Computer Science) groups(MECS, MSCS, MPCS,MCCS) AND 1ST ,2ND SEMESTERS OF IB.Sc(Computer Science)groups(MECS, MSCS, MPCS,MCCS) and IB.Sc(Data Science) w.e.f. 2020 – 2021 academic year. The Upgraded Syllabus for 1st,2nd,3rd, 5th Semesters are furnished in Appendix – I.
2. It was unanimously resolved to Upgrade and Adopt Syllabus for 5TH SEMESTER III B.Com(Computer Applications) ,III BBA , 3rd SEMESTER II B.Com(ComputerApplications) and 1ST ,2ND SEMESTERS OF IB.Com(Computer Applications) and IB.B.A courses w.e.f 2020-2021 and the Upgraded Syllabus for 1st,2nd,3rd, 5th Semesters are furnished in Appendix - II.

3. It was unanimously resolved to Upgrade and Adopt Syllabus for Life Skill Course titled Basic Computer Applications For 1ST SEMESTER FOR ALL GROUPS OF BA/B.COM/B.Sc/BBA and Information and Communication Technology for 2nd SEMESTER FOR ALL GROUPS OF BA/B.COM/B.Sc/BBA w.e.f from revised cbcs 2020-21. Information and communication Technology (ICT-2)course for 3rd SEMESTER FOR ALL GROUPS OF BA/B.COM/B.Sc/BBA w.e.f from revised cbcs 2020-21.
4. It was unanimously resolved to follow and Adopt Krishna University pattern and guidelines time to time for conducting practical classes and examinations for B.Com(Computer Applications) and BBA. Courses for all semesters.
5. It was unanimously resolved to conduct examinations **Internal 40 marks** and **External 60 marks** in both B.Sc (Computer Science) ,B.Sc(Data Science) and B.Com (Computer applications) and BBA subject to as per instructions given by academic council of SRR & CVR Govt. Degree(A) College Vijayawada
6. 60 marks in **External assessment** is divided as
 - a. **20 marks** in **Section A** and
 - b. **40 marks** in **Section B**40 marks in **Internal Assessment** is divided as
 - c. 10 marks for Assignment,
 - d. 5 marks for Viva/Assessment,
 - e. 5 marks for Seminars,
 - f. 10 marks for Project work and
 - g. 10 marks for the Best of the two mid exams
7. The HOD has to prepare the list of Examiners and Paper Setters and will be submitted to the Academic Council
8. The committee has approved the syllabus with **5 Units for each Semester** .
9. The committee has approved the Model Question Paper for external exams - 60 marks and **time duration of examination is 3 hours** and external exam 60 marks are divided as follows,
 - a. In Section A, answer **any 5** out of 10 Questions. Each one carries **4 marks**, totaling to **20 marks**. 2 questions have to be selected From each of the five units
 - b. In Section B, answer **all 5** questions. Each question has internal choice. Each question carries **8 marks** totaling to **40 marks**. Each question has to be selected from each unit/Module.
10. The committee has approved the Blue Print of the question paper. Question paper has to be designed in such a way that **12 marks have to be obtained from each unit/Module**.

11. Modifications, if need be in the above resolutions, will be done by the HOD and the faculty members of the department.
12. It was unanimously resolved to conduct examinations **OffLine/OnLine/Blended mode for this academic year because of prevailing COVID-19 situation**. The discretion powers of selecting **MODE** of examinations are with the Principal and COE of this Institution. The Department will follow the instructions and pattern of examination given by the Principal and COE time to time .
13. Further the committee resolved to give empowerment for any small changes to the Chairman of BOS
14. For practical examinations maximum marks allotted is 50 mark per each paper. Exam duration 3 hrs. 2 credits, work load 3hrs per batch per week each batch consists of max. 15 students spill over batch is minimum of 8 students.
- 15 .20 Percent of Syllabus is changed for IB.Sc(Computer Science) paper for 1st Semester and 2nd Semesters. As detailed below .

In 1st Semester in Problem Solving in C paper from UNIT-V of APSCHE approved Syllabus 2020-21 the following topics are removed

Using Files in C – Reading Data from Files – Writing Data to Files – Detecting the End-of-file
– Error Handling during File Operations – Accepting Command Line Arguments.

The following topics are added

Introduction to C++ language ,difference between c and c++ ,Basic oops concepts, Datatypes and operators in C++

In 2nd Semester in Data Structures Using C paper from UNIT-IV and UNIT-V of APSCHE approved Syllabus 2020-21

The following topics are removed

From UNIT-II : Atomic Linked List, Linked List in Arrays

From UNIT-IV: Counting Number of Binary Trees, Applications of Binary Tree

From UNIT-V :Indexed Sequential Search , Shortest Path, Application of Graphs.

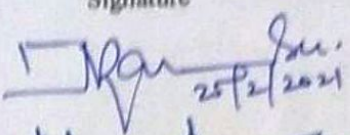
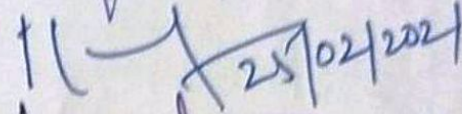
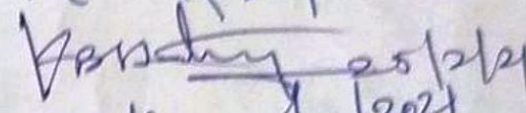
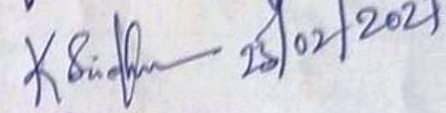
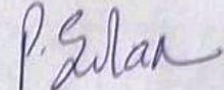
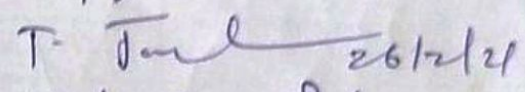
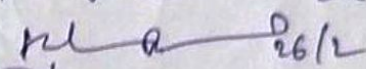
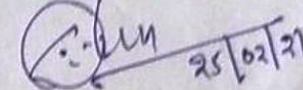
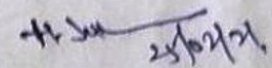
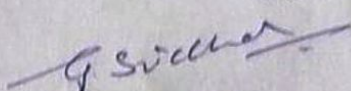
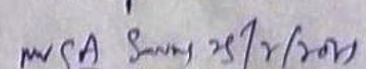
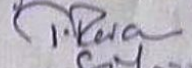
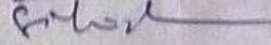
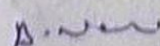
The following topics are Added

In UNIT-IV: Heap tree, creation ,operations on Heap Tree

In UNIT-V : Quick sort, Selection sort algorithms

16. The committee has approved that all the above resolutions will be effective for three years i.e., 2020-21, 2021-22, 2022-23, academic years

Signatures of the members of the BOS :

Name	Position	Signature
1. Sri T.V Rambabu	Chairman	 25/2/2021
2. Dr. R. Kiran Kumar	University Nominee	 25/02/2021
3. Dr. K.B.S Sastry	Subject Expert	 25/2/21
4. Sri K. Sridhar	Subject Expert	 25/02/2021
5. Smt P. Sailaja	Member	
6. Sri T. Jaya Krishna	Member	 26/2/21
7. Sri. KVLN Prasad	Member	 26/2
8. Sri D. Phani	Member	 25/02/21
9. Sri M. Suresh Babu	Member	 25/2/21
10. Sri. G. Sridhar	Member	
11. Sri MVS Sarma	Member	 25/2/2021
12. Ms T. Pavani	Member	
13. Sri. M. Srihari Krishna	Industry Member	
14. Sri. B. Nani	Alumni Member	

Principal