



NAAC: B+(III Cycle - CGPA 2.60) Estd: 1937
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)

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Date: 18-04-2017

Department of Computer Science

Minutes of the meeting of Board of Studies in Computer Science held on 18/04/2017 at 10.00 am in Computer Science Department.

Members Present

DEPARTMENT OF COMPUTER SCIENCE

- | | |
|----------------------------|---|
| 1. Dr K.S Rajesh | Chairman, HOD of Computer Science |
| 2. Dr. R. Kiran Kumar | University Nominee, Krishna University |
| 3. Dr. M. Rajanikanth | Subject Expert, VSR Govt. Degree College, Movva, Krishna Dist |
| 4. Dr. Shaheda Aktar | Subject Expert, Govt Degree College for Women, Guntur, Guntur Dist. |
| 5. Sri. T. Jaya Krishna | Member |
| 6. Sri. KVLN Prasad | Member |
| 7. Sri. Ch. Raja Sekhar | Member |
| 8. Sri. M. Suresh babu | Member |
| 9. Sri. M. Srihari Krishna | Industry Member |
| 10. Sri. B. Nani | Alumni Member |

Resolutions

1. It was unanimously resolved to introduce new curriculum for Computer Science students of B.Sc. (MECS, MSCS, MPCS) w.e.f. 2017 – 2018 academic year. The new curriculum and syllabus for I Sem and II Sem only are furnished in Appendix – I.
2. It was unanimously resolved to teach ICT - I in Semester - II and ICT - II in Semester III as Foundation Course and syllabus are furnished for ICT - I & ICT -II in Appendix - II.
3. It was unanimously resolved to introduce new curriculum for B.Com(Computer Applications) w.e.f 2017-2018 and the syllabus for I Sem and II Sem are furnished in Appendix - III. Specified by Krishna University.
4. It was unanimously resolved to add a modified paper in BBA w.e.f 2017-18 and the syllabus for Sem- I is furnished in Appendix - IV.
5. It was unanimously resolved to conduct examinations **Internal 40 marks** and **External 60 marks** in both B.Sc (Computer Science) and B.Com (Computer applications) subject as per instructions given by academic council of SRR & CVR Govt. Degree College.

Signatures:

[Handwritten signature]
18/4/17

K.S. Rajesh
18/4/17

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18/4/17

1. T. Jayaram
2. N. Suresh
3. H. Suresh
4. D. Rajeev

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** i.e., Semester-I and Semester-II
9. The committee has approved the Model Question Paper for external exams - 60 marks and is divided as follows,
 - a. In Section A, answer **any 5** out of 10 Questions. Each one **carries 4 marks**, totaling to **20 marks**. From each Unit/Module. 2 questions have to be selected.
 - 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. The committee has approved that all the above resolutions will be effective for **three years** i.e., 2017-18, 2018 -19, 2019-20 academic years

Signatures:

[Signature] 18/4/17

[Signature] 18/4/17

R.S. Reddy
18/4/17

[Signature]
18/4/17

1. *[Signature]*
2. *[Signature]*
3. *[Signature]*

[Signature]

Appendix - IV

Semester - I :: B.B.A Programmes

Information Technology For Managers

Unit-I: IT in modern Organization: basic concepts of information system -organizational structure and IT Support at different organizational levels managing information technology in organizations. Introduction to computer systems: introduction to computers-five generations of computers-classification of digital computers system.

Unit-II: Computer Hardware: computer hardware: central processing unit .control Unit, mathematical logical unit. Memory: memory organization –random access memory, DRAM,SRAM, ROM, registers. Secondary storage devices: magnetic tapes. Magnetic disks, hard disk, flexible disks, optical disk Input devices: keyboard, mouse, trackball, game controllers, scanners, voice reorganization, webcams, and digital cameras.OCR, OMR, MICR. Output Devices: monitors, CRT monitors, flat panel monitors, printers: daisywheel, dot matrix, ink jet printers-plotters, multimedia projector.

Unit-III: Computer Software: system software and application software. operating system windows OS, Mobile device operating system, and notebook operating systems. Application software : Types of personal application software, Spread sheet-data management –word processing-desktop publishing, graphics ,CAD, CAM, CIM, Multi media speech recognition software, groupware, software suits.

Unit-IV: Telecommunication and Networks :Introduction, Analog and Digital signals, modulation, need of modulations, modems. Telecommunication System: communication processors: modem, multiplexers, front –end-processor. Communication media& channel : cable media, broad cast media channels twisted pair ,coaxial cable, fibres optical cable . microwave, satellite, radio, cellular radio, infrared global positioning systems. Networks: LAN, WAN, VAN, Virtual private network (VPN). Internet, Intranet and Extranets: The evolution of the Internet, Service provided by the Internet, World Wide Web.

Unit -V: New technologies in Information Technology: Introduction to hyper media, artificial intelligence and business intelligence, knowledge discovery in database: KDD data warehouse and data marts. data mining and OLAP,ERP-Supply chain management ,CRM-geographic information system.

References:

- 1) Ms J.J.L.R Bharathi Devi, A Text Book of IT,Maruthi Book Depot,Guntur.
- 2) N.V.N Chary and Lalitha S. Fundamentals of Information Technology, Kalyani Publishers. Hyderabad.
- 3) Turban Rainer Potter: Introduction to Information Technology Wiley India.

Handwritten signatures and initials:
A. S. S.
C. T.