

P.R.GOV'T (A) COLLEGE, KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
COURSE OUTCOMES

COURSE	OUTCOMES
I B.Sc(CS)- Sem-I Computer fundamentals and Photoshop	After the successful completion of course the student should have thorough knowledge about concept and principles of computer fundamentals and Photoshop
I B.Sc(CS)- Sem-II Programming In C	After this course student will be able to 1) Know how to implement Logics in C program 2) using if-else construct, Loops and Data Structures 3) Functions in C, Recursion, Arrays, 4) Strings in C.
II B.Sc(CS)- Sem-III Object oriented programming using java	After completion of this course, student can be able to understand: 1. The basic structure of Java Programming. 2. Object Oriented Programming features.
II B.Sc(CS)- Sem-IV Data structures	After completing this course satisfactorily, a student will be able to: 1. Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms 2. Describe common applications for arrays, records, linked structures, stacks, queues, trees, and graphs. 3. Write programs that use arrays, records, linked structures, stacks, queues, trees, and graphs 4. Demonstrate different methods for traversing trees 5. Compare alternative implementations of data structures with respect to performance 6. Compare and contrast the benefits of dynamic and static data structures implementations 7. Describe the concept of recursion, give examples of its use, describe how it can be implemented using a stack . 8. Discuss the computational efficiency of the principal algorithms for sorting, searching, and hashing
III B.Sc(CS)- Sem-V Data base management system	On completing the subject, students will be able to: 1. Design and model of data in database. 2. Store, Retrieve data in database.

III B.Sc(CS)- Sem-V Software engineering	1. Ability to gather and specify requirements of the software projects. 2. Ability to analyze software requirements with existing tools 3. Able to differentiate different testing methodologies 4. Able to understand and apply the basic project management practices in real life projects 5. Ability to work in a team as well as independently on software projects
III B.Sc(CS)- Sem-VI Operating systems	1. Analyze the concepts of processes in operating system and illustration of the scheduling of processor for a given problem instance. 2. Identify the dead lock situation and provide appropriate solution so that protection and security of the operating system is also maintained. 3. Analyze memory management techniques, concepts of virtual memory and disk scheduling
III B.Sc(CS)- Sem-VI Distributed systems	Create models for distributed systems. Apply different techniques learned in the distributed system.
III B.Sc(CS)- Sem-VI Cloud computing	1. Compare the strengths and limitations of cloud computing 2. Identify the architecture, infrastructure and delivery models of cloud computing 3. Apply suitable virtualization concept. 4. Choose the appropriate cloud player , Programming Models and approach. 5. Address the core issues of cloud computing such as security, privacy and interoperability 6. Design Cloud Services and Set a private cloud
ICT-I(II sem) common to all	After the successful completion of course the student would have thorough knowledge about concept and principles of computer fundamentals. Student would be in a position to work with MS office word, Ms excel and power point presentations
ICT-II(III sem) common to all	After the successful completion of course the student should have thorough knowledge about concept and principles of internet fundamentals and Web Tools and Web Applications.