Department of Computer Science

Sri Y N College

(Autonomous)

(Affiliated to Adikavi Nannaya University)

Thrice Accredited by NAAC with 'A' grade

NARASAPUR-534275, West Godavari District, Andhra Pradesh

Agenda and Resolutions

of

Board of Studies meeting of B.Sc., Computer Science conducted on 03-09-2022 for the Academic Year 2022-2023.

DETAILS OF PAPER TITLES & CREDITS

Sem	Course no.	Course Name	Course type (T/L/ P)	Hrs/Week Science: 4+2	Credits Science: 4+1	Max. Marks Cont/ Internal /Mid Assessment	Max. Marks Sem- end Exam
I	1	Problem Solvingin C	T	4	4	25	75
		Problem Solving in CLab	L	2	1	-	50
II	2	Data Structures using C	T	4	4	25	75
		Data Structures using C Lab	L	2	1	-	50
III	3	Database ManagementSystem	T	4	4	25	75
		Database Management System Lab	L	2	1	-	50
IV	4	Object Oriented Programming using Java	T	4	4	25	75
		Object OrientedProgramming using Java Lab	L	2	1	-	50
	5	Operating Systems	T	4	4	25	75
		Operating Systems Lab using C/Java	L	2	1	-	50
V	6A	Web InterfaceDesigning Technologies	T	4	4	25	75
		Web Interface Designing Technologies Lab	L	2	1	-	50
	7A	Web Applications Development using PHP& MYSQL	T	4	4	25	75
		Web Applications Development using PHP & MYSQL Lab	L	2	1	-	50
		OR					
	6B	Internet of Things	T	4	4	25	75
		Internet of Things Lab	L	2	1	-	50
	7B	Application Development using Python	T	4	4	25	75
		Application Development Using Python Lab	L	2	1	-	50
		OR					
	6C	Data science	T	4	4	25	75
		Data Science Lab	L	2	1	-	50
	7C	Python for Data science	T	4	4	25	75
		Python for Data Science Lab	L	2	1	-	50

Note: *Course type code: T: Theory, L: Lab, P: Problem solving

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory body of the Government of Andhra Pradesh)
Revised UG Syllabus Under CBCS
(Implemented from Academic Year 2020-21)
PROGRAMME: FOUR YEAR B.Sc. (Hons)
Domain Subject: **COMPUTER SCIENCE**

Skill Enhancement Courses (SECs) for Semester V, from 2022-23 (Syllabus with Learning Outcomes, References, Co-curricular Activities)

Structure of SECs for Semester – V
(To choose one pair from the three alternate pairs of SECs)

Univ Code	Course Number 6 & 7	Name of Course	Hours/ Week Theo+Prac	Credits Theo+Prac	Marks	
					IA – 20 Filed Work 05	Sem End
	6A	Web Interface Designing Technologies	3 + 3	3+ 2	25	75
	7A	Web Applications Development using PHP& MYSQL	3 + 3	3 + 2	25	75
OR						
	6B	Internet of Things	3 + 3	3+ 2	25	75
	7B	Application Development using Python	3 + 3	3 + 2	25	75
OR						
	6C	Data science	3 + 3	3+ 2	25	75
	7C	Python for Data science	3 + 3	3 + 2	25	75

Note-1: For Semester–V, for the domain subject Computer Science **any one** of the **three** pairs of SECs shall be chosen as courses 6 and 7, i.e., 6A & 7A or 6B & 7B or 6C & 7C. The pair shall not be broken (ABCD allotment is random, not on any priority basis).

Note-2: One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate field related skills of the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situations.

Department of Computer Science
Sri Y.N.College (Autonomous): Narsapur
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Thrice Accredited by NAAC at 'A' Grade
Recognized by UGC as 'College with Potential for Excellence'
NARASAPUR-534275, W.G.Dist. AP

Board of studies meeting of Computer Science held on 03-09-2022 at 10.00 AM for the Academic Year2022-23

Members:	Signatures

1. **Sri B.China Veeraswamy**, M.Sc., (C.S).,
   Chairman & In-Charge of Dept.

2. **Smt. G.Sowjanya**, M.Sc., (C.S).,
   Lecturer in Computer Science

3. **Sub.Lt (NCC) Y.N.V.V.R.Rama Rao**, M.Sc.,(C.S).,
   Lecturer in Computer Science

4. **Sri Ch.S.V.Ravi Kumar**, M.C.A.,
   Lecturer in Computer Science

5. **Kum. A.Naga Lakshmi,** M.C.A.,
   Lecturer in Computer Science

6. **Smt. K.Sireesha, MCA.,**
   Lecturer in Computer Science

7. **Smt. A. Manga Tayaru, MCA.,**
   Lecturer in Computer Science

University Representative:

8. **Sri D.S.V.Suryanarayana, M.Tech.,**
   Head, Dept. of Computer Science
   MVNJS & RVR College of Arts and Science, E.G.Dt.,
   Cell No: 96660-35667, suriyadesineedi@gmail.com

Subject Experts:

9. **Sri K.Trinadha Ravi Kumar,** M.Sc., M.Tech.,
   Head, Dept. of Computer Science (UG)
   SVKP & Dr.K.S.Raju Arts & Science College (A), Penugonda,
   W.G.Dist., Cellno: 94410-20934, 94410-90468,
   trinitymails@gmail.com

10. **Sri.P.Sirish Kumar,** M.C.A, M.Tech.,
    Head, Dept of Computer Science,
    D.N.R. College (A), Bhimavaram, W.G.Dt.,
    Cell no: 89193-34795, sirishkumar@live.com

Alumni Member:

11. **Sri. P.S.N.V. Satyanarayana,** M.C.A., M.Tech.,
    Digital Assistant, Former Asst.Professor in CSE
    Village Secretariat, Ramannapalem, W.G.Dt., Cell no: 79896-40560,
    pulletikurthi.satyanarayana@gmail.com

Representative from Industry:

12. **Sri Ratnala RamaKrishna,** M.Sc.,
    Associate Director - Technology
    Virtuasa Consulting Services Pvt. Ltd.,
    Hyderabad – 500032, Cell No: 93463-20386,
    mscramu@gmail.com,ratnalamsc@gmail.com

Agenda:

1. To Prepare the syllabi and model question papers for the degree I,II and III year for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the university syllabus.

2. To prepare the syllabi and model question papers for add-on courses, Certificate courses for the academic year 2022-2023.

3. To prepare syllabus for Bridge course for the newly admitted students.

4. To prepare Course Outcomes, Programme Outcomes and Programme Specific Outcomes for the degree I, II & III years for the academic year 2022-2023.

5. To discuss the modalities for conducting the Social Immersion Programme (Community Service Project) at the end of the 1st year degree, internship/project at the end of second year degree and internship during V semester or VI Semester for the III year degree students.

6. To discuss the modalities and topics for conducting Seminars/ Workshops.

7. To discuss the issue of online courses to be done by the students and staff.

8. To discuss the staff publications in the UGC recognized journals.

9. To discuss the issue of getting functional MOUs with the industry.

10. To discuss the feasibility of developing collaborations with other Colleges.

11. To evolve a plan of action for the Consultancy activity.

12. To discuss about ICT enabled teaching to the students.

13. Any other item with permission of the chair.

APPROVED

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF COMPUTER SCIENCE
SRI Y.N. COLLEGE (AUTONOM
(NAAC ACCREDIATED 'A' GRADE COLL
NARSAPUR - 534 275, W.G.Dt.,

Resolutions:

1.
   a) It is resolved to adopt and implement new B.Sc., Computer Science syllabus as prescribed by APSCHE and Adikavi Nannaya University, Rajamahendravaram w.e.f 2020-21 and ratify the minutes of Department Board of Studies meeting held on 03-09-2022 in the Computer Science department.

   b) It is resolved to approve I B.Sc., Computer Science syllabus (Theory, Practical and Model Question paper), Semester-I, Paper-I i.e., **"Problem Solving in "C" "** and Semester-II, Paper-II i.e., **"Data Structures using 'C' "** w.e.f. academic year 2020-21 as prescribed by the APSCHE and ANUR for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.

   c) It is resolved to approve II B.Sc., Computer Science syllabus (Theory, Practical and Model Question paper), Semester-III, Paper-III i.e., **"Database Management System"**, and Semester-IV, Paper-IV i.e., **"Object Oriented Programming using Java"**, Paper-V **"Operating Systems"** w.e.f. academic year 2021-22 as prescribed by APSCHE and ANUR for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.

   d) It is also resolved that, under the Structure of Skill Enhancement Courses (SECs) Elective - for Semester–V, to choose one pair from the three alternative of SECs. In the V Semester, members of of BOS have chosen two papers. One paper, **Paper VI (A) "Web Interface Designing Technologies"** and the other, **Paper VII (A) "Web Applications Development Using PHP & MY SQL"** w.e.f. academic year 2022-23 as prescribed by APSCHE and ANUR by making appropriate modifications (above or equal to 20%) to the University syllabus.

   e) It is resolved to continue the modified syllabus of **"INFORMATION AND COMMUNICATION TECHNOLOGY"** as the Skill Enhancement Course (SEC) in the II Semester of all I B.Sc., courses w.e.f. the academic year 2020-21 for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.

2. It is resolved to approve I B.Sc., Semester-I Computer Science Certificate Course syllabus (Theory and Model Question paper), i.e., **"Basic Computer Applications"** w.e.f. 2021-2022 for the academic year 2022-2023.

3. It is resolved to approve the Bridge Course Syllabus for newly admitted Batch for the academic year 2022-2023.

4. It is resolved to approve Course Outcomes (CO's), Programme Outcomes (PO's) and Programme Specific Outcomes (PSO's) for the syllabi of degree I, II & III years for the academic year 2022-2023.

5. a) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programmme (Community Service Project) at the end of the I year degree for the academic years 2020-2021, 2021-2022 and 2022-2023 w.e.f 2020-2021, as per the guidelines given by APSCHE.

   b) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programmme i.e., Internship/Project at the end of the II year degree for the academic year 2021-2022 w.e.f 2021-2022, as per the guidelines given by APSCHE.

   c) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programmme i.e., Internship during V semester or VI semester for III year degree students at the end of V semester for the academic year 2022-2023 w.e.f 2022-2023, as per the guidelines given by APSCHE depending upon the choice of the student.

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CHAIRMAN
BOARD OF STUDIES
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6. Discussed various topics for seminars/workshops and resolved to conduct a Seminar/workshop on **"Block Chain Technologies, Data Science, Big Data Analytics etc.,"**.

7. It is resolved that the online courses like MOOCS, SWAYAM and courses offered by Spoken tutorial should be done by the Staff and students.

8. Discussed regarding the staff publications. It is resolved that the staff members should make good effort to have their publications in the UGC Care List journals, Web of Science and Scopus Indexed Journals.

9. It is resolved to make functional MoU's with various industries and make field visits by sending the students to companies and also invite industry people to the college for giving awareness to the students on various aspects like skill enhancement and job opportunities etc.

10. The Department of Computer Science has Academic Collaboration with other colleges i.e., Sir C.R.Reddy Degree College, Eluru; B.V.Raju College, Bhimavaram, and Sri ASNM Govt Degree College (A), Palakol. It is resolved to organise guest lecturers/Student seminars/Student Exchange programs to the students by the students and faculty members of Sir C.R.Reddy Degree College, Eluru; B.V.Raju College, Bhimavaram, and Sri ASNM Govt Degree College (A), Palakol.

11. The College has entered into the Academic Collaboration with Sir C. R. Reddy College (A), Eluru on 27-10-2021. Hence, it is resolved to organize Guest lectures/ Student Seminars/Student Exchange Programs. It resolved to evolve a plan of action for the consultancy activity by approaching the business organizations in the district.

12. It is resolved use ICT enabled Tools for effective teaching to the students.

13. It is resolved to authorize the Chairman, Board of Studies to strengthen the syllabus and model papers of theory and practical examinations keeping in view the latest developments in consultation with other members of the department. Any further guidelines/instructions from APSCHE/ University are to be adopted as communicated.

APPROVED

Signatures:

G. Soujanya

A. Nagalni

K. Sunil

Ravi

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF COMPUTER SCIENCE
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