Government College (Autonomous) Rajahmundry

Board of Studies: 2020-21

Date: 22 June 2020

Through Virtual Conference

In obedience to the proceedings of the principal, the Board of Studies, Department of Computer Science and Applications of Government College (Autonomous) Rajahmundry have met at 03:00 PM on 22 June 2020 through Google Meet under the Chairmanship of Sri R V Satyanarayana, HoD, Department of Computer Science to discuss the curriculum design for the UG for the academic year 2020-21.

Agenda

1. Revision of Course Structure under CBCS
2. Curriculum Design for all the Semesters
3. Identifying /inclusion of components of Skill Development, Employability and Entrepreneurship in the curriculum
4. Additional inputs into the curriculum
5. Designing Model Question Papers and identifying potential paper setters
6. Curriculum for the Certificate Courses
7. Any other proposal with the permission of the chair

Minutes of the Meeting

Before initiating the discussing on agenda, the Chairman introduced the external members and internal members to the Board. He also informed the members that the department of computer science is offering 6 programs in B.Sc (which includes M.P.Cs, M.S.Cs, M.G.Cs, G.G.Cs and B.Sc (IT), M.E.IoT), 1 program in B.Com (Computer Applications) and 1 program in B.A (E.S.CA). The Chairman also proposed new course structure aligned with the New Education Policy 2020, and the reforms put forth by Andhra Pradesh State Council for Higher Education. He also informed the committee that these reforms have been adopted by the Affiliating University Adikavi Nanayya University, Rajahmahendravaram. The board decided to introduce the following curriculum reform for the admitted batch 2020-21 all the 8 programs mentioned above. He initiated the discussion on the agenda points by presenting the Draft BoS book on the Screen.

Agenda 1: Revision of Course Structure for all B.Sc, B.Com and B.A programs with Computer Science/Applications combinations.

Discussion:

In the beginning, The BoS Chairperson Mr. Suneel Kumar Duvvuri, presented the course structure of B.Sc programmes **(M.P.Cs, M.S.Cs, M.G.Cs, G.G.Cs, M.E.IoT), B.Sc (IT), B.Com (Computer Applications) and B.A (E.S.CA)** and also presented the list of new courses introduced in the current academic year and sought their opinion on the same and resolved the following.

Resolutions 1:

It is resolved to adopt the proposed curriculum structure from the Academic year 2020-21

Subjects		SEM I		SEM II		SEM III		SEM IV		SEM V		SEM VI			
		Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits		
Languages															
English		4	3	4	3	4	3								
Language (H/T/S)		4	3	4	3	4	3								
Life Skill Courses		2	2	2	2	2+2	2+2								
Skill Development Courses		2	2	2+2	2+2	2	2								
Major 1	Core 1,2,3,& 4	4+3	3 + 2	4+3	3 + 2	4+3	3 + 2	3+3	3 + 2						
Major 2	Core 1,2,3,& 4	4+3	3 + 2	4+3	3 + 2	4+3	3 + 2	3+3	3 + 2						
Major 3	Core 1,2,3,& 4	4+3	3 + 2	4+3	3 + 2	4+3	3 + 2	3+3	3 + 2						
Major 1	Core -5							3+3	3 + 2					FIRST and SECOND PHASES (2 spells) of APPRENTICESHIP between 1st and 2nd year and between 2nd and 3rd year (two summer vacations).	
Major 2	Core -5							3+3	3 + 2						
Major 3	Core -5							3+3	3 + 2			THIRD PHASE of APPRENTICESHIP Entire 5th / 6th Semester			
Major 1	Skill Enhancement Courses (6 & 7)									3+3	3 + 2				
										3+3	3 + 2				
Major 2	Skill Enhancement Courses (6 & 7)									3+3	3 + 2				
										3+3	3 + 2				
Major 3	Skill Enhancement Courses (6 & 7)									3+3	3 + 2				
										3+3	3 + 2				
Hrs/W (Academic Credits)		33	25	35	27	35	27	36	30	36	30		12	4	4
Project Work															
Extension Activities (Non Academic Credits)															
NCC/NSS/Sports/Extra Curricular									2						
Yoga							1		1						
Extra Credits															
Hrs/W (Total Credits)		33	25	35	27	32	28	36	33	36	30		12	4	4

It is resolved to approve the course structure with 163 credits distributed across all courses in 6 semesters for B.Sc programs.

Resolutions 2:

It is resolved to Introduce mandatory Community Project/Apprenticeship/on-job training/ Internship in phased manner. Every Student admitted in 2020-21 shall take up the First Phase of Community Project for 2 months during the 1st summer vaccation, that is after completion of 2nd semester and before commencement of 3rd Semester and Second phase of Community Project/Apprenticeship/on-job training/Internship for 2 months during the 2nd summer vacation that is after the completion of 4 th semester and before the commencement of 5 th Semester and Third Phase of Community Project/Apprenticeship/on-job training/ Internship

during 5 th semester or 6 th semester as per feasibility or in programme wise batches. First and Second Phases shall carry 4 credits and 100 marks each. And the third phase carries 12 credits and 200 marks.

Resolutions 3:

It is resolved to incorporate Life skills and Skill Development Courses in place of the Present Foundation courses with two credits each and 50 marks per course assessed through Semester End Examinations.

S.No	Mandatory Course &Code	Course Title	No.of Hours per week	Total Marks	Credits
SEMESTER -I					
1.	Life Skills Course – LSC-001	HVPE(Human Values & Professional Ethics)	02	50	02
2.	Skill Development Course (Any one)		02	50	02
	SDC – 001	Tourism Guidance			
	SDC - 002	Electrical Appliances			
	SDC - 003	Plant Nursery			
	SDC - 004	Insurance Promotion			
SEMESTER -II					
1.	Life Skill Course (Any one)		02	50	02
	LSC - 002	Indian Culture & Science			
	LSC - 003	Elementary Statistics			
2.	Skill Development Course (Any one from each group)				
Group-1	SDC -005	Food Adultration	02	50	02
	SDC -006	Business Communication			
	SDC -007	Solar Energy			
Group -2	SDC -008	Social Work Methods	02	50	02
	SDC -009	Advertising			
	SDC -010	Dairy Techniques			
SEMESTER -III					
1.	Life Skill Course (Atleast one from each group)				
Group - 1	LSC - 004	Environmental Education	02	50	02
	LSC - 005	Health and Hygiene			
Group – 2	LSC - 006	Personality Development and Leadership	02	50	02
	LSC - 007	Analytical Skills			
2.	Skill Development Course (Any one)		02	50	02
	SDC - 011	Disaster Management			
	SDC - 012	Online Business			

	SDC - 013	Poultry Farming			
	SDC - 014	Financial Markets			

Agenda 2:   Curriculum designed for all semesters

Discussion: The Chairman introduced the new courses to the board for their opinion to incorporate them in the curriculum. The Board spent considerable amount of time in this agenda and resolved to introduce the following courses from the A.Y 2020-21

Resolutions:

It is resolved to introduce the following new courses from the AY 2020-21

In B.Sc (Computer Science Combinations)

S.No	Semester	Course Code	Title of the Course (Paper)	Max Marks (SEE)	Marks in CIA	Hrs/Week			
						L	T	P	C
1	SEM - I	CSC-155	Problem Solving in C	50	50	3	1	-	3
2		CSC-155P	Problem Solving in C Lab	50	--	-	-	3	2
3	SEM - II	CSC-156	Data Structures using C	50	50	3	1	-	3
4		CSC-156P	Data Structures using C Lab	50	--	-	-	3	2

In B.Sc (M.E.IoT)

S.No	Semester	Course Code	Title of the Course (Paper)	Max Marks (SEE)	Marks in CIA	Hrs/Week			
						L	T	P	C
1	SEM - I	IOT-103	Fundamentals of Computer and C – Programming	50	50	3	1	-	3
2		IOT-103P	C Programming Lab	50	--	-	-	3	2
3	SEM - II	IOT-106	Fundamentals of IoT and Applications	50	50	3	1	-	3
4		IOT-106P	Arduino Programming Lab	50	--	-	-	3	2

In B.Com (CA)

S.No	Semester	Course Code	Title of the Course (Paper)	Max Marks (SEE)	Marks in CIA	Hrs/Week			
						L	T	P	C
1	Sem-I	CAP168	Information Technology	50	50	5	-	-	5
2	Sem-II	CAP169	E-commerce and Web Designing	50	50	5	-	-	5

In B.A (ESCA)

S.No	Semester	Course Code	Title of the Course (Paper)	Max Marks (SEE)	Marks in CIA	Hrs/Week			
						L	T	P	C
1	SEM - I	CAP169	Information technology	50	50	3	1	-	3
2		CAP169P	Information technology Lab	50	--			3	2
3	SEM - II	CAP170	Fundamental Of Programming And C Language	50	50	3	1	-	3
4		CAP170P	Fundamental Of Programming And C Language Lab	50	--			3	2

Agenda 3: Identifying /inclusion of components of Skill Development, Employability and Entrepreneurship in the curriculum

Discussion:

The members present discussed about the Skill development and Employability and Entrepreneurship components in the curriculum keeping in view of demand for the Job/Market oriented programs by the students. The members agreed in view of scope for enriching the student's knowledge and its applicability.

Resolutions:

It is resolved to approve the inclusion of components of Skill Development, Employability and Entrepreneurship in the curriculum

Agenda 4: Additional inputs into the curriculum

Discussion:

The members present discussed about the Additional inputs to the curriculum and approved to add some additional inputs for courses.

Resolutions:

It is resolved to approve the Additional inputs added to the curriculum.

Agenda 5: Designing Model Question Papers and identifying potential paper setters

Discussion:

The members of BoS identified subject experts and prepared a list of examiners as well as paper setters for Semester End Examinations. The Board also discussed about the Blue print of the Question papers for SEE.

Resolutions:

It is resolved to approve the list of examiners and paper setters for the Academic year 2021-22.

It is also resolved to approve the Blue print of the Question papers.

Agenda 7: Curriculum for the Certificate Courses

Discussion:

The chairman proposed "e-Publishing" and "MS Office" Certificate courses for the academic year 2020-21.. The Board gone through all the proposals and agreed to offer all the three certificate courses for the academic year 2020-21

Resolutions:

It is resolved to approve the the new certificate courses namely *e-Publishing and MS Office,* **for the Academic year 2020-21.**

Finally, the Chairman thanked all the internal subject experts of the department for their effortless support in preparing the document and also thanked the University for their valuable suggestions and feedback on shaping the document for better interest of student community. There being no other matter, the meeting was concluded with a vote of thanks by the chair.