Rajiv Gandhi Govt. Post Graduate College Ambikapur, Distt-Surguja (C.G.)

Department Of Computer Science & Application

Meeting of Board of Studies

The Department of Computer Application had an online/offline meeting regarding the Board of Studies. It was successfully conducted on 08-07-2019, Monday. Following members were present during the discussion:

1. Dr. S.K. Sinha
   (Asst. Prof & Head, Dept. of CS, RGPG College, Ambikapur)   -

2. Dr. S.N. Pandey

   (Asst. Prof & Head, Dept. of CS, RGPG College, Ambikapur) -

3. Member - TarunDharDiwan
   (Asst. Prof & Head, dept of CS, Science College, Bilaspur)   -

4. Member - Dr. SnehlataBarde
   (Prof. CS department, MATS University, Raipur) -

5. Member - Dr. Umesh Kumar Pandey
   (Asst. Prof, Jan Bhagidari, RGPG College, Ambikapur)

6. Mrs. Kritika Sinha, Asst. Prof (Janbhagidari)
   Rajeev Gandhi Govt. Post Graduate Autonomous College, Ambikapur (C.G.)

7. Mr. Shashank Vishwakarma, Asst. Prof (Janbhagidari)
    Rajeev Gandhi Govt. Post Graduate Autonomous College, Ambikapur(C.G.)

In the above meeting of Board of Studies, the following agendas were discussed:

- For the session 2018-19 the syllabus for B.Sc. (CS), BCA, PGDCA and DCA will be followed same for the current session 2019-20.
- The Board of Studies reviewed the syllabus for B.Sc.(CS), BCA, PGDCA and DCA enforced by university.

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Rajiv Gandhi Govt. Post Graduate College Ambikapur, Distt-Surguja (C.G.)
Department Of Computer Science & Application

Meeting of Board of Studies

The Department of Computer Application had an online meeting regarding the Board of Studies. It was successfully conducted on 10-07-2020, Friday. Following members were present during the discussion:

1. Dr. S.K. Sinha
   (Asst. Prof & Head, Dept. of CS, RGPG College, Ambikapur)   -

2. Dr. S.N. Pandey

   (Asst. Prof & Head, Dept. of CS, RGPG College, Ambikapur) -

3. Member – TarunDhar Diwan
   (Asst. Prof & Head, dept of CS, Science College, Bilaspur)   -

4. Member - Dr. Snehlata Barde
   (Prof. CS department, MATS University, Raipur) -

5. Member - Dr. Umesh Kumar Pandey
   (Asst. Prof, Janbhagidari, RGPG College, Ambikapur)

6. Mrs. Kritika Sinha, Asst. Prof. (Janbhagidari)
   Rajeev Gandhi Govt. Post Graduate Autonomous College, Ambikapur (C.G.)

7. Mr. Shashank Vishwakarma, Asst. Prof (Janbhagidari)
   Rajeev Gandhi Govt. Post Graduate Autonomous College, Ambikapur(C.G.)

In the above meeting of Board of Studies, the following agendas were discussed:

- To finalize the syllabus for M.Sc. (Computer Science) for the upcoming session, different universities and their syllabus were reviewed.
- The Board of Studies reviewed the syllabus for B.Sc. (CS), BCA, PGDCA and DCA enforced by university.

M.Sc. (Computer Science)

SCHEME OF FIRST SEMESTER M.Sc. COMPUTER SCIENCE PROGRAM

Paper	Course Code	Course Type	Course (Paper/Subjects)	Credits	Contact Hours Per Week			EoSE Duration (Hrs.)		Marks	
					L	T	P	Thy	P	SEE	IA
I	MSCS 101	CCC	DATA STRUCTURE AND ALGORITHM IMPLEMENTATION	6	4	3	00	3	0	70	30
II	MSCS 102	CCC	HTML AND WEB DESIGN	6	4	3	0	3	0	70	30
III	MSCS 103	CCC	PROGRAMMING IN C : CORE AND ADVANCED	6	4	3	00	3	0	70	30
IV	MSCS 104	OSC	SOCIAL OUTREACH & INTERNSHIP/ ENTERPRENEURSHIP	6	4	3	0	3	0	100	
VI	MSCS 111	CCC	Lab Course A	3	00	00	3	0	3	100	
VII	MSCS 112	CCC	Lab Course B	3	00	00	3	0	3	100	
V	MSCS E101	ECC/CB	FUNDAMENTAL OF INFORMATION TECHNOLOGY	6	4	3	00	3	00	70	30
	MSCS E102	ECC/CB	NUMERICAL ANALYSIS IN COMPUTER APPLICATION								
	MSCS E103	ECC/CB	DATABASE DESIGN TECHNIQUES								
TOTAL				36						700	

SCHEME OF SECOND SEMESTER M.Sc. COMPUTER SCIENCE PROGRAM

Paper	Course Code	Course Type	Course (Paper/Subjects)	Credit	Contact Hours Per Week			EoSE Duration (Hrs.)		Marks	
					L	T	P	Thy	P	SEE	IA
I	MSCS 201	CCC	OPERATING SYSTEM CONCEPTS	6	4	3	00	3	0	70	30
II	MSCS 202	CCC	OBJECT ORIENTED PROGRAMMING CONCEPTS IN C++	6	4	3	0	3	0	70	30
III	MSCS 203	CCC	WEB TECHNOLOGY : BASED ON ASP.NET	6	4	3	00	3	0	70	30
IV	MSCS 221	OSC	RESEARCH METHODOLOGY &COMPUTER APPLICATION : BASICS	6	4	3	0	3	0	100	
VI	MSCS 211	CCC	LAB COURSE A	3	00	00	3	0	3	100	
VII	MSCS 212	CCC	LAB COURSE B	3	00	00	3	0	3	100	
V	MSCS E201	ECC/CB	COMPUTER SYSTEM ORGANIZATION AND ARCHITECTURE	6	4	3	00	3	00	70	30
	MSCS E202	ECC/CB	DISCRETE MATHEMATICS								
	MSCS E203	ECC/CB	COMPUTER GRAPHICS								
TOTAL				36						700	

SCHEME OF THIRD SEMESTER M.Sc. COMPUTER SCIENCE PROGRAM

Paper	Course Code	Course Type	Course (Paper/Subjects)	Credit	Contact Hours Per Week			EoSE Duration (Hrs.)		Marks	
					L	T	P	Thy	P	SEE	IA
I	MSCS 301	CCC	ADVANCED JAVA PROGRAMMING	6	4	3	00	3	0	70	30
II	MSCS 302	CCC	DATA COMMUNICATION & COMPUTER NETWORKS	6	4	3	0	3	0	70	30
III	MSCS 303	CCC	RDBMS	6	4	3	00	3	0	70	30
IV	LLM 304	OSC	INTELLECTUAL PROPERTY RIGHTS	6	4	3	0	3	0	100	
VI	MSCS 311	CCC	LAB COURSE A	3	00	00	3	0	3	100	
VII	MSCS 312	CCC	LAB COURSE B	3	00	00	3	0	3	100	
V	MSCS E301	ECC/CB	THEORY OF COMPUTATION & AUTOMATA	6	4	3	00	3	00	70	30
	MSCS E302	ECC/CB	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEM								
	MSCS E303	ECC/CB	DATAWAREHOUSE AND VARIOUS TECHNIQUES								
TOTAL				36						700	

SCHEME OF FOURTH SEMESTER M.Sc. COMPUTER SCIENCE PROGRAM

Paper	Course Code	Course Type	Course (Paper/Subjects)	Credit	Contact Hours Per Week			EoSE Duration (Hrs.)		Marks	
					L	T	P	Thy	P	SEE	IA
I	MSCS 401	CCC	NETWORK SECURITY	6	4	3	00	3	0	70	30
II	MSCS 402	CCC	MOBILE COMPUTING AND APPLICATION DEVELOPMENT	6	4	3	0	3	0	70	30
III	MSCS 403	CCC	SYSTEM DESIGN AND SOFTWARE ENGINEERING	6	4	3	00	3	0	70	30
IV	MSCS 404	OSC/PRJ	DISSERTATION	6	4	3	0	3	0	100	
VI	MSCS 411	CCC	LAB COURSE A	3	00	00	3	0	3	100	
VII	MSCS 412	CCC	LAB COURSE B	3	00	00	3	0	3	100	
V	MSCS E401	ECC/CB	CYBER CRIME AND SECURITY FUNDAMENTALS	6	4	3	00	3	00	70	30
	MSCS E402	ECC/CB	OPERATION RESEARCH								
	MSCS E403	ECC/CB	DATA MINING AND ALGORITHMS								
TOTAL				36						700	

BOARD OF STUDIES

Department of Computer Science and Application

The Department of Computer Science and Application successfully conducted a meetingon 28-08-2021, Saturday regarding the Board of Studies. Following members were present during the discussion:

1. Dr. S.K. Sinha
   (Asst. Prof & Head, Dept. of CS, RGPG College, Ambikapur)   -
2. Dr. SnehlataBarde
   (Prof. CS department, MATS University, Raipur) -
3. TarunDharDiwan
   (Asst. Prof & Head, dept of CS, Science College, Bilaspur)   -
4. Dr. Umesh Kumar Pandey
   (Asst. Prof, Jan Bhagidari, RGPG College, Ambikapur)   -

In the above meeting, we had a discussion about the valuable courses such as M.Sc. (CS) and B.Sc (CS), keeping in mind the supreme ordinance of Sant. Gahira Guru University, Ambikapur, Surguja & Rajeev Gandhi Govt. Post Graduate College, Ambikapur, Surguja.

Also, we discussed for the proposed syllabus and its implementation for the upcoming session.
Along with that we discussed about the semesters (I to IV) courses such as M.Sc. (CS) and semesters (I to VI) courses such as B.Sc. (CS) and all the present members gave their valuable consent to the matter.

- Dr. Snehlata Barde

- Dr. Umesh Kumar Pandey

- Ms. Priya Pandey

- Mr. Shashank Vishwakarma

- Mrs. Pooja Mishra

- Mrs. Kritika Sinha

SCHEME OF B.Sc. COMPUTER SCIENCE PROGRAM (2021-2022)

Course Code	Course Title	Theory Marks		Internal Marks		Practical Marks		Project Marks		Total	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
BSC 101	COMPUTER FUNDAMENTAL & PC PACKAGE	70	25	30	11	-	-	-	-	100	36
BSC 102	PROGRAMMING METHODOLOGY WITH C	50	18	25	9	25	9	-	-	100	36
BSC 203	COMPUTER ARCHITECTURE	70	25	30	11	-	-	-	-	100	36
BSC 204	INTRODUCTION TO DATA STRUCTURE AND OOPS	50	18	25	9	25	9	-	-	100	36
BSC 305	SYSTEM ANALYSIS AND DESIGN	70	25	30	11	-	-	-	-	100	36
BSC 306	DATABASE MANAGEMENT SYSTEM AND WEB TECHNOLOGY	50	18	25	9	25	9	-	-	100	36
	TOTAL									700	

BOARD OF STUDIES

Department of Computer Science and Application

The Department of Computer Science and Application had a meeting regarding the Board of Studies. It was successfully conducted on 15-07-2022, Friday. Following members were present during the discussion:

1. Mr. Chetan Kumar Painkra

    (Asst. Prof & Head, dept of CS, RGPG College, Ambikapur)

2. Dr. Snehlata Barde

    (Prof. CS department, MATS University, Raipur)

3. Tarun Dhar Diwan

    (Asst. Prof & Head, dept of CS, Science College, Bilaspur)

4. Dr. Umesh Kumar Pandey

    (Asst. Prof, Jan Bhagidari, RGPG College, Ambikapur)

In the above meeting, we had a online discussion through the Google-meet platform about the academic courses such as M.Sc.(CS), PGDCA, DCA, BCA (semester), keeping in mind the supreme ordinance of Sant. Gahira Guru University, Ambikapur, Surguja & Rajeev Gandhi Govt. Post Graduate College, Ambikapur, Surguja.

Also, we discussed for the proposed syllabus and its implementation for the particular upcoming session. Together, we discussed about the yearly courses such as PGDCA, DCA, BCA and all the present members gave their valuable consent to the matter.

-   Dr. Snehlata Barde
-   Dr. Umesh Kumar Pandey
-   Ms. Priya Pandey
-   Mr. Shashank Vishwakarma
-   Mrs. Pooja Mishra
-   Mr. Anubhav Shrivastava
-   Ms. Rani Chourasia

SOME MINUTES OF THE MEETING:

❖ Enforcement the new syllabus of NEP2020 for BCA & B.Sc I SEMESTER.
❖ There should be 3 DSC Mandatory Subjects to be followed for BCA I & II SEMESTER separately.
❖ There should be 1 General Elective Subjects to be followed for BCA I & II SEMESTER separately.
❖ Applied major subjects DSC to be included in BCA I SEMESTER as (i) Discrete Mathematics (ii) Introductory Computer Application (iii) PC Software Package
   And General Elective Subjects as Fundamental of Information Technology.
❖ Applied major subjects DSC to be included in BCA II SEMESTER as (i) C Language (ii) Operating System (iii) Concept of Software
   And General Elective Subjects as Basic of Computer Network.
❖ Skill Enhancement Course (SEC) as Office Automation is embedded for BCA II SEMESTER.
❖ There should be 3 DSC Mandatory Subjects to be followed for B.Sc (CS) I & II SEMESTER separately.
❖ There should be 1 General Elective Subjects to be followed for B.Sc (CS) I & II SEMESTER separately.
❖ Applied General Elective Subject to be included in B.Sc (CS) I SEMESTER as Basics of Computer Network and General Elective Subject to be included in B.Sc (CS) II SEMESTER as Basics of Computer Network.
❖ Value Added Course (VAC) as Cyber Crime and Security is embedded for B.Sc II SEMESTER.

B.Sc Computer Science (NEP-2020)

SEMESTER	COURSE TYPE	COURSE CODE	COURSE TITLE	CREDIT
B.Sc. I SEM	DSC	DSC CS01	Introductory Computer Science	3
	DSC Practical	DSC CSP01	Introductory Computer Science Lab	1
	GE	GE CS01	GE CS01 Basics of Computer Science	3
	GE Practical	GE CSP01	GE CSP01 Basics of Computer Science Lab	1
	VAC	VAC CS01	Cyber Crime & Security-I	2
B.Sc. II SEM	DSC	DSC CS02	Programming in C	3
	DSC Practical	DSC CSP02	Programming in C Lab	1
	GE	GE CS02	Basics of Networking & Communication Technologies	3
	GE Practical	GE CSP02	Basics of Networking & Communication Technologies Lab	1
	VAC	VAC CS02	Cyber Crime & Security-II	2
B.Sc. III SEM	DSC	DSC CS03	Data Structures	3
	DSC Practical	DSC CSP03	Data Structures Lab	1
	DSE	DSE CS03	Fundamentals of Digital Logic	3
	DSE Practical	DSE CSP03	Fundamentals of Digital Logic Lab	1
B.Sc. IV SEM	DSC	DSC CS04	Object Oriented Programming using C++	3
	DSC Practical	DSC CSP04	Object Oriented Programming using C++ Lab	1
	DSE	DSE CS04	Operating System	3
	DSE Practical	DSE CSP04	Operating System Lab	1
B.Sc. V SEM	DSC	DSC CS05	Programming In Java	3
	DSC Practical	DSC CSP05	Programming In Java Lab	1
	DSE	DSE CS05	Software Engineering	3
	DSE Practical	DSE CSP05	Software Engineering Lab	1
	GE	GE CS05	Multimedia & its Applications	3
	GE Practical	GE CSP05	Multimedia & its Applications Lab	1
B.Sc. VI SEM	DSC	DSC CS06	Database Management System	3
	DSC Practical	DSC CSP06	Database Management System Lab	1
	DSE	DSE CS06	Computer Networks	3
	DSE Practical	DSE CSP06	Computer Networks Lab	1
	GE	GE CS06	Fundamental Concepts of Programming	3
	GE Practical	GE CSP06	Fundamental Concepts of Programming Lab	1

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RAJEEV GANDHI GOVT. PG COLLEGE AMBIKAPUR (C.G.)

Department of Computer Science

Minutes of the BoS meeting of Computer Science Department held on 28/08/2023 from 12:30 PM onwards through online/offline mode.

BoS Panel of Members:

S.No	Name	Role	Signature
1.	Miss Monika Xess, Assistant Professor & Head, Department of Computer Science, Rajeev Gandhi Govt. PG College, Ambikapur (C.G.)	Chairman	
2.	Dr. Srishti Tripathi, Assistant Professor Kirodimal Govt. Arts & Science College, Raigarh (C.G.)	Member	
3.	Dr. Ganesh Ram Nayak, Assistant Professor Govt. Dr. Waman Wasudev Patankar Girl's PG College Durg (C.G.)	Member	
4.	Mrs. Pooja Mishra, Assistant Professor (Janbhagidari), Rajeev Gandhi Govt. PG College, Ambikapur (C.G.)	Member	
5.	Miss Rani Chourasia, Assistant Professor (Janbhagidari), Rajeev Gandhi Govt. PG College, Ambikapur (C.G.)	Member	
6.	Mr. Raunak Pandey, Rajeev Gandhi Govt. PG College, Ambikapur (C.G.)	Student Member	

Agenda:

1. Review of previous meeting.
2. To introduce about content change in Semester-I DSC subject-"Introductory Computer Science" and GEC subject-"Basics of Computer Science".
3. To discuss and finalize the syllabus for four-Year Undergraduate Programme in Computer Science under NEP 2020 policy.
4. Any other item with permission of chair.

The committee has made the following recommendations to the above agenda.

1. Discussed and approved the changes in content of Semester-I, Introductory Computer Science subject (Course type- DSC) and Basics of Computer Science (Course type- GEC).

2. Discussed and finalized the syllabus for courses in Semesters- I, II [First Year], Semesters- III, IV [Second Year] and Semesters- V, VI [Third Year].

3. VAC and SEC subjects to be included are VAC: Cyber Crime & Security in Semester-I and Semester-II, SEC: Python Programming in Semester-V and Semester-VI.

4. Recommendations to include Research oriented courses (such as Data Science, Machine Learning) in Semester VII and VIII.

5. As per the suggestions of the members, the following scheme for B.Sc Computer Science programme under NEP2020 is finalized.

B.Sc Computer Science (NEP-2020)

SEMESTER	COURSE TYPE	COURSE CODE	COURSE TITLE	CREDIT
B.Sc. I SEM	DSC	DSC CS01	Introductory Computer Science	3
	DSC Practical	DSC CSP01	Introductory Computer Science Lab	1
	GE	GE CS01	GE CS01 Basics of Computer Science	3
	GE Practical	GE CSP01	GE CSP01 Basics of Computer Science Lab	1
	VAC	VAC CS01	Cyber Crime & Security-I	2
B.Sc. II SEM	DSC	DSC CS02	Programming in C	3
	DSC Practical	DSC CSP02	Programming in C Lab	1
	GE	GE CS02	Basics of Networking & Communication Technologies	3
	GE Practical	GE CSP02	Basics of Networking & Communication Technologies Lab	1
	VAC	VAC CS02	Cyber Crime & Security-II	2
B.Sc. III SEM	DSC	DSC CS03	Data Structures	3
	DSC Practical	DSC CSP03	Data Structures Lab	1
	DSE	DSE CS03	Fundamentals of Digital Logic	3
	DSE Practical	DSE CSP03	Fundamentals of Digital Logic Lab	1
B.Sc. IV SEM	DSC	DSC CS04	Object Oriented Programming using C++	3
	DSC Practical	DSC CSP04	Object Oriented Programming using C++ Lab	1
	DSE	DSE CS04	Operating System	3
	DSE Practical	DSE CSP04	Operating System Lab	1

B.Sc. V SEM	DSC	DSC CS05	Programming In Java	3
	DSC Practical	DSC CSP05	Programming In Java Lab	1
	DSE	DSE CS05	Software Engineering	3
	DSE Practical	DSE CSP05	Software Engineering Lab	1
	GE	GE CS05	Multimedia & its Applications	3
	GE Practical	GE CSP05	Multimedia & its Applications Lab	1
B.Sc. VI SEM	DSC	DSC CS06	Database Management System	3
	DSC Practical	DSC CSP06	Database Management System Lab	1
	DSE	DSE CS06	Computer Networks	3
	DSE Practical	DSE CSP06	Computer Networks Lab	1
	GE	GE CS06	Fundamental Concepts of Programming	3
	GE Practical	GE CSP06	Fundamental Concepts of Programming Lab	1

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