

COMPUTER SCIENCE AND APPLICATIONS

II

The Board of studies of computer science and applications meeting is held at 11:00 AM on 25/7/16 under the chairmanship of ~~Dr. R. Praveen~~ Sri. R. Praveen, HOD of computer science and applications department to discuss the following agenda.

(Non CBCS)

- 1) Approval of Syllabus
- 2) Approval of Model question papers
- 3) Approval of panel of Examiners
- 4) Internal Exams.

members attended

- 1) R. Praveen
- 2) ~~Dr. S. Srinivasan~~ Dr. S. Srinivasan
- 3) ~~Dr. K. Nagaraj Rao~~ Dr. K. Nagaraj Rao
- 4) Ch. Tamuna Rani
- 5) A. DEVI
- 6) N. Subramanyam
- 7) Dr. B. Rama
- 8)

R. Praveen

Dr. S. Srinivasan

Dr. K. Nagaraj Rao

Ch. Tamuna Rani

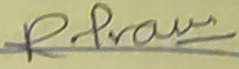
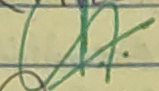
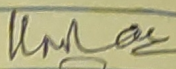
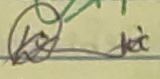
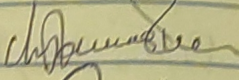
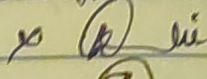
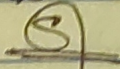
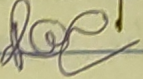
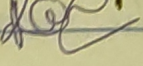
A. DEVI

The Chairman Sri. R. Praveen has given opening remarks of the Board of Studies and suggested to divide the 3rd and 4th Semester Syllabus Under "non-CBCS" to Five (5) Units and questions may be given from each unit equally. The other members are also express the same opinion.

→ The following resolution taken place.

1. All the members unanimously approved the syllabus for B.Sc II, BA II, B.Com II 3rd and 4th Semester

Signature and Name of the BOS members.

- | | |
|--|---|
| 1) R. Praveen |  |
| 2)  Dr. S. Srinivasa |  |
| 3)  Dr. K. Nagaraj Rao. |  |
| 4) Ch. Jamma Rani |  |
| 5) A. Devaki |  |
| 6) N. Satyanarayana |  |
| 7) Dr. B. Rama |  |

LIST of Examina Panel member

1. Dr. D. Suresh Babu KDC warangal —
2. Sri. D. Raj Kumar KDC warangal —
3. Smt A. Devaki SSWDC, Kothagudem —
4. Smt K. Radhika SSWDC, Kothagudem —
5. Smt. K. Suroopa Rani SSWDC, Kothagudem —
6. Dr. S. Sreenivasa CDC, Bhadrachalam —
7. Smt. T. Lalitha Kumari, CDC, Bhadrachalam —
8. Sri G. Veera Reddy, JVRDC, Sattupally —
9. Sri M. Srinivas Rao, JVRDC, Sattupally —
10. Smt. K. Kavitha, APCCW, Khanaman —
11. Sri Y. Venkanna, APCCW, Khanaman —
12. Sri M. Venkateswara Rao - Piyadarshini —
Dejsee college, Khanaman

→ BA I Sem, II Sem paper "Introduction TO Computers and 'C' Programming"
Consists of Five units.

→ B.Com I Sem, II Sem paper "Programming Concepts Using 'C'"

2. Each Semester Consists

BSc	40 Marks for External
BA	30 Marks Examination
B.Com	30 Marks (Semester Examination)
BSc, BA, B.Com Consists	10 marks for Internal Examination

3. Pattern of Examination

The members decided the following model papers.

Section-A Consists of 8 Questions Set from Five units.

Student should answer the 5 questions out of 8 questions.
Each question carries 2 marks. BSc/BA/B.Com $5 \times 2 = 10$ marks.

Section-B Consists of BSc 6 questions. $6 \times 5 = 30$ marks

BA 4 questions $4 \times 5 = 20$ Marks

B.Com 4 questions. $4 \times 5 = 20$ Marks

with alternate choices of either a) or b).

Answer all questions. Each questions carries 5 marks.

The following panel of Examiners is approved.

List of Examiners

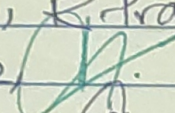

- 1) S. Nagaparameswara Chary
AOC, Jannikunta, Kavimnagar
- 2) Dr. G. Rajitha Devi
Tara (D.C), Sangareddy, Medak
- 3) Dr. P. Nageswar
MVS (D.C), Mahabubnagar
- 4) Dr. D. Suresh Babu
Kakatiya (AOC), Hanamkonda

1

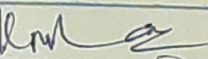
The BOS of Computer Science and computer Application meeting is held at 10:30 AM on 17/08/2015 under the chairmanship of Sri R. Praveen, HOD of computer science and Application department, to discuss the following agenda. (Not CBCS)

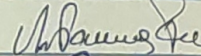
- 1, Approval of Syllabus
- 2, Approval of Model question papers
- 3, Approval of panel of Examiners
- 4, Any other


Members Attended

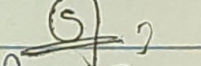
- 1, R. Praveen
- 2,  Dr. S. Srinivasan
- 3,  Dr. K. Nagarajan
- 4, Ch. Jamma Rani
- 5, A. DEVAKI
- 6, N. Satyanarayana
- 7, Dr. R. Rama

R. Praveen











The Chairman Sri R. Praveen, has given opening remarks of the BOS and Explained the Concept of Autonomous.

At first asked to divide the Syllabus in to Five Units.

opinion that there must be Five units in each semester and questions may be given from each unit equally. The other members are also expressed the same opinion.

The following resolutions taken place.

1. All the members Unanimously approved the Syllabus
2. BSc I Semester, II Semester Consists of Five units
PC Software and 'C' Programming

MEETING.

24-07-2019.

The meeting of BOS Committee in Computers department of SR & BGR Govt. Arts & Science College (A), has been convened on 24-07-2019 under the chairmanship of Principal Dr. B. Venkateswar Reddy.

Agenda:

- ① Approval of Course Structure and Syllabus of Bsc/Bcom/BA (Computers) I year II semester.
- ② Question Paper Pattern for subjects.
- ③ Any other matter with the permission of the Principal.

The minutes of the meeting are as follows.

- ① It is resolved to approve Syllabus for Bsc/Bcom/BA Computers I year I semester.
- ② (a) It is resolved to B.com Computers I year II semester introduced ^{new} paper i.e. C & C++ (Programming with C & C++) and question paper pattern is Theory 50 + Practical 35 + Internal 15.
(b) It is resolved to introduced new paper is Programming with 'C' language for BA and BSC I year I SEMESTER students. and continue the same question paper pattern.
- ③ Since the nomination of Subject expert by the Kakatiya University is Pending with the University, It is resolved to get the new syllabus ratified by the University nominee in the next Bos meeting.

Bos Members

Sri. N. Srinivasa Rao - Incharge Dept. N.S.

Dr. S. Srinivasa - (University nominee)

Smt. A. Devaki -

Dr. K. Nageswara Rao - K.N.R.

Sri N. Satyanarayana - S.S.

Smt. Ch. Januvarami - J.V.

Sri. M. Srinivasa Rao - M.S.R.

B. Venkateswar Reddy
Principal

24-07-2019. BOS Meeting

	Theory + Int + Practicals.
I year I SEMESTER. Bsc (computers)	80 + 20 + 50.
I year I semester BA (computers)	80 + 20 + 50
I year II Semester B. Com (Computers)	50 + 15 + 35.

Note: Resolve to modify and reorganized Syllabus of

- ① Bsc (M) I SEM: Programming in C
- ② Bsc (M) II SEM: Programming in C++
- ③ Bsc (B) II SEM: Programming in C++

to improve Programming Coding skills the needs of current day scenario.

Incharge Department

Sri. N. Srinivasa Rao

Members: Dr. B. Srinivasa Rao -

Smt. A. DEVAKI -

Dr. K. Nageswar Rao -

Sri N. Satyanarayana -

Smt. CH. Jamma Devi -

Sri. M. Srinivasa Rao -

NS

Dr. B. Srinivasa Rao

Dr. K. Nageswar Rao

CH. Jamma Devi

M. Srinivasa Rao

Practical Examination Marks allocated for

B.Sc 50M + 50M

B.A 25M + 25M

B.Com 20M + 20M

The following Panel of Examiners are
appeared List of Examiners:

Computer Science

- ① Sri. S. Nagaprasanna Swamy
- ② Sri. A. Devaki
- ③ Sri. Nagpraju Dasu
- ④ S. Yamuna Rani
- ⑤ B. Sankarshiva Rao

Computer Applications

- ① Dr. P. Nageswara
- ② Dr. D. Suresh Babu
- ③ Dr. A. Rajitha Devi
- ④ Dr. S. Srinivas
- ⑤ Dr. K. Deva Prasad
- ⑥ Prof. B. Rama

Note: Resolved to Modify and Reorganized Syllabus of 1. Elements of Scripting Language 2. Operating Systems Papers to improve Practical Skills among the Students.

Signature of and name of B.O.S Members -

- 1) Sri. Srinivasa Rao
- 2) Dr. B. Rama
- 3) Dr. S. Srinivasa
- 4) A. Devaki
- 5) Dr. K. Nageswara Rao
- 6) N. Satyanarayana
- 7) Ch. Jannuna Rani
- 8) M. Srinivas.

NS
POC
[Signature]
[Signature]
[Signature]
[Signature]

Pattern of Internal Examination

Twenty Marks are allocated for Internals. Two Internals Marks are to be conducted. Each Internal consists of 20 BSc, 15 for BA, 20 for BCom. Marks. The ^{BEST} (average) of Two Internal Marks are to be posted in their student Marks Memo.

- 1) Internal marks For BSc - 20
BA - 15
BCom - 20

2) Syllabus and pattern of Practical Examination

The Practical Examination Syllabus consists of Example programs for all BSc/BA/BCom.

B.Sc Computer Science I Sem - Programming in Java
(Elective) II Sem - Visual programming
III Sem - Elements of Scripting Language
(Elective) IV Sem - Operating system

BA Computer Applications I Sem - Multimedia Systems & Applications
Elective II Sem - Computer Networks
III Sem - Visual programming
(Etc) IV Sem - Computer graphics

B.Com Computer Applications I Sem - E-Commerce.
II Sem - Object oriented programming in C++
III Sem - web Technologies.
IV Sem - Relational Database Management System.

CBCS Syllabus and Question Paper pattern for III year
20-3-2019 (Wednesday) V and VI Semester

The Computer Science / Computer Applications for BSc/BA/BCom III year (approved as) CBCS Syllabus is approved as per the University (Kakatiya) prescribed syllabus, which was uploaded in the Kakatiya University website.

The Committee approved the question paper pattern of theory and practical Examination for the V and VI Semester. Each Semester consists of 80 Marks and 20 Marks for BSc, 60 Marks & 15 Marks for BA, 60 Marks & 20 Marks for Internals. The practical Examination will be conducted at the end of academic year 100 for BSc, 25+25 for BA, 20+20 for BCom.

① Pattern of Examination

Each Question paper shows two parts / sections in Section-A 8 Questions - are to be set out which 5 Questions to be answered. Each Questionary to be 4 Marks.

B.Sc	BA	B.Com
5x4 = 20M	5x8 = 40M	5x4 = 20 Marks.

Section - B 6 Questions are to be with alternate choices of 2)a and 2)b) for B.Sc/BA/BCom.

B.Sc	BA	B.Com
6x10 = 60M	4x5 = 20M	5x8 = 40M.

Total Marks for BSc	80M
BA	60M
B.Com	60M

BA/BCom : Answer one question out of 10 questions

Question Marks: 10

Viva Marks: 5

Record marks: 5

Max: 20 Marks

The following panel of (Examinations) Examiners are approved.

The List of Examiners

- 1) Sri S. Nagarameswara Chary CDC, JammiKunta
- 2) Dr. G. Rajitha Devi Tara prasa. college, Sangareddy
- 3) Dr. P. Nageswar, Mrs CDC, Mahabubnagar
- 4) Dr. D. Suresh Babu, Kakatiya (CDC)
- 5) Hainamkonda

Signature and Name of the 'BoS members'

1) R. Praveen

R. Praveen

2) Dr. B. Rama

Dr. B. Rama

3) A. Devaki

A. Devaki

4) Dr. S. Srinivas

Dr. S. Srinivas

5)

6) Dr. K. Nageswar Rao

Dr. K. Nageswar Rao

7) N. Satyanarayana

N. Satyanarayana

8) Ch. Tamma Rani

Ch. Tamma Rani

Section-B: B.Sc Consists 6 Questions } with
 B.A Consists 4 Questions } Alternate
 B.Com Consists 4 Questions } Choice

Section A -

1) a) a) e)
 b) f)
 c) g)
 d) h)

Section B -

2) a) a - - -
 b) a - - -

B.Sc ——— $6 \times 5 = 30$ Marks.

BA ——— $4 \times 5 = 20$

B.Com ——— $4 \times 5 = 20$.

4) Pattern of Examination for Internal Examination.

The College will conduct two Internals in this average of two internal marks will be posted (Best)

In their Marks Memo.

5) Pattern of Practical Examination.

B.Sc

In this at least 2 questions are to be set out of 10 questions has to be answered. Each question carries 15 marks ($2 \times 15 = 30$ marks)

Viva 10 Marks.

Record 10 Marks.

Max 50 Marks.

Syllabus for B.Sc III, B.A III, B.Com III 5th and 6th Semester

B.Sc III papers: V Sem: Modern Data base management System 1
 (V, VI Semester) Visual Basic 1
 VI Sem: Modern Data base management System 2
 Visual Basic 2

B.A III papers: V Semester: Data Base management System 1
 C++ programming 1
 VI Semester: Database Management System 2
 C++ programming 2

B.Com III paper V, VI Semester: web programming 1
 web programming 2

V, VI Semester: Relational Database Management System 1
 Relational Database Management System 2

(2) Each Semester Consists of B.Sc III 50 marks.
 B.A III 40 marks.
 B.Com III 40 marks

a) External Examination Marks.
 for B.Sc 40 M
 B.A 30 M
 B.Com 30 M.

b) Internal examination Marks.
 for B.Sc/BA/B.Com 10 M.

(3) Pattern of Examination for Semester and Examination.

The members decided the following model paper.

Section-A: B.Sc/BA/B.Com Consists of 8 questions setting the questions from all 5 units. Student should answer 5 Questions. out of 8 Questions. Each (Section) Question Carries 2 marks. $5 \times 2 = 10$ marks.

III

The Board of Studies of Computer Science and applications meeting is held at 11:00 AM on 3-07-2017 Under the chairmanship of Sri R. Praveen Kumar, HOD of Computer Science and applications Department to discuss the following agenda (non-BCS)

- 1) Approval of Syllabus
- 2) Approval of Model Question paper
- 3) Approval of Panel of Examiners
- 4) Internal Exams

Members attended.

- | | |
|------------------------|---------------------|
| 1) R. Praveen | R Praveen |
| 2) Dr. B. Rame | Dr. B. Rame |
| 3) A. Devaki | A. Devaki |
| 4) Dr. S. Saravani | Dr. S. Saravani |
| 5) | |
| 6) Dr. K. Nagelwar Rao | Dr. K. Nagelwar Rao |
| 7) N. Sathyanarayana | N. Sathyanarayana |
| 8) Ch. Tamara Rani | Ch. Tamara Rani |

The following Details are.

The Chairman Sri R. Praveen has given opening remarks of the Board of Studies and suggested to decide the 5th and 6th Semester Syllabus under "non-BCS" to Five (5) units and questions may be given from each unit equally. The other members are also express the same opinion.

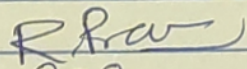
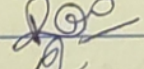

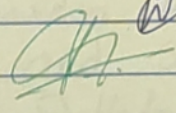
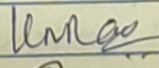

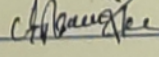
The following resolution takes place:

- 1) (The) All the members unanimously approved the

The following pannel of Examiners are approved.
List of examiners:

- 1) Sri S. Naga Panameswara Chary
- 2) Dr. G. Rajitha Devi
- 3) Dr. P. Nageswan
- 4) Dr. D. Suresh Baby

Signature and name of B.O.S members:

- | | |
|------------------------|---|
| 1) R. Praveen |  |
| 2) Dr. B. Rama |  |
| 3) A. Devaki |  |
| 4) Dr. S. Saravani |  |
| 5) | |
| 6) Dr. K. Nageswar Rao |  |
| 7) N. Satyanarayana |  |
| 8) Ch. Janani Rani |  |

③ Syllabus and pattern of Practical Examination

The Practical Examination Syllabus Consist of Example Programs for all BSc/BA/BCom papers

B.Sc (Computer Science) III Sem - Database management System
IV Sem - Design and Analysis of Algorithms

SEC^{*1} → BSc III Sem Skill Enhancement Course-1 [Computer Basics and Automation]
B.A III Sem - Database management System

IV Sem - Internet Technologies

SEC^{*2} → BSc IV Sem Skill Enhancement Course-2 [Multimedia & Applications]

B.Com III Sem - Programming with 'C'

The practical Examination Consists of two sections those are Section-A and Section-B

→ 5 Questions are to be Set in Section-A from III Semester Syllabus.

→ Another 5 Questions are to be Set in Section B from IV Semester Syllabus.

→ The student should be (Set in Section A) choosing one from each section -

Each Question Carries 30 marks. $2 \times 30 = 60M$

For Record 20 marks = 20M

and viva voce for 20 marks = 20M

The total Number of Marks allocated

are 100 for BSc/BA (Total 50 marks)

→ practical marks allocated for B.Com: 20

Penal: - SEC^{*1} Computer Basics and Automation in III Sem of B.Sc (IT)

Theory paper — 40 marks

Internal marks — 10 marks

III Sem, IV Paper

SEC^{*2} Multimedia & Applications in IV Semester of BSc IT

Theory paper — 40 marks

Internal marks — 10 marks

IV Sem, II Internal

13

CBCS Syllabus and Question paper pattern for II year

3-07-2017 (Monday) III and IV Semester

The Computer Science / Computer Applications for BSc/BA/BCom II year (approved as) CBCS Syllabus is approved as per the University (Kakatiya) prescribed syllabus. which was uploaded in the KAKATIYA UNIVERSITY website.

The Committee approved the question paper pattern of theory and practical examination for 3rd and 4th Semester. Each Semester consists of 80 marks and 20 marks for internals. The practical examination will be conducted at the end of academic year 100 marks.

① Pattern of Examination.

Each Question paper shows two parts/sections. In Section-A 8 Questions are to be set out which 5 Questions are to be answered. Each Question carries 4 marks. $5 \times 4 = 20$ marks.
BSc / BA / BCom

Section-B consists 6 questions with alternate choices of 2a) or 2b) for BSc/BA/BCom
 $6 \times 10 = 60$ marks.

Total marks for BSc/BA/BCom are 80.

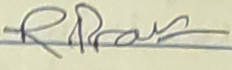

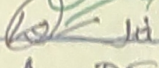
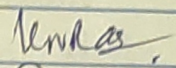
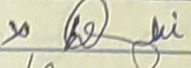
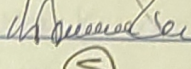
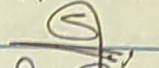

BCom are $5 \times 4 = 20$ from section A } Total
 $5 \times 8 = 40$ from section B } 60

② Pattern of Internal Examination

Twenty marks are allocated for internals. Two Internals are to be conducted, each Internal consists of 20 marks. The average of two internal marks are to be posted in their Student Marks Memo.

⇒ Internal Marks For BSc/BA/BCom are 20.

Signature and name of B.O.S members

- | | | |
|---|--|---|
| 1) R. Praveen | |  |
| 2)  Dr. B. Srinivasa | | |
| 3)  Dr. K. Nagaraj | |  |
| 4) A. Dhanraj | |  |
| 5) Ch. Varuna Rani | |  |
| 6) N. Satyanarayana | |  |
| 7) Dr. B. Rama | |  |
| 8) | | |

③ Syllabus and Pattern of Practical Examination

The practical Examination Syllabus consist of Example programs for all BSc/BA/BCom papers.

BSc paper (Computer Science): Object Oriented programming with C++, Data structure

B.A Paper (CA): Computer Fundamentals, File force language

B.Com Paper (CA): Information Technology C, AB General

The practical examination consist of two Sections that is section-A and Section-B.

5 questions are to be set in Section A from 1st Semester Syllabus.

Another 5 questions are to be set in Section B from 2nd Semester Syllabus.

The student should be choosing one from each section. Each question carries 30 marks.

(2 x 30 = 60 marks). For record 20 marks and for viva voce 20 marks are allocated. BSc/BA

Therefore the total number of marks allocated are 100 for BSc/BA (For 50 marks)

→ practical marks allocated for BCom: 20.

The following panel of Examiners are approved.

List of Examiners

1. Sri. B. Nagafaraneswara Chary

2. Dr. G. Rajitha Devi

3. Dr. P. Nageswar

4. Dr. D. Suresh Baby

5.

6.

7.

8.

CBCS Syllabus and question paper pattern for I year

25/7/2016

I, II semester

The Computer Science / Computer Applications for BSc / BA / BCom Ist year (approved as) CBCS Syllabus is approved as per the University Prescribed Syllabus which was uploaded in the KAKATIYA UNIVERSITY website.

The Committee approved the question paper pattern of theory and practical examination for 1st and 2nd Semester. Each semester consist of 80 marks and 20 marks for internals. The practical examination will be conducted at the end of academic year 100 marks -

① Pattern of Examination:

Each question paper shows two parts / sections. In Section - A 8 questions are to be set out which 5 questions are to be answered. Each question carries 4 marks. $5 \times 4 = 20$ marks. BSc / BA / BCom

Section - B consists 6 questions with alternate choices of a) or b) for B.Sc / BA. $6 \times 10 = 60$ marks. Answer 5 questions for B.Com. $5 \times 8 = 40$ marks. Total marks for B.Sc / BA are 80. B.Com are 60 (FIT)

② Pattern of Internal Examination:

Twenty Marks are allocated for internals. Two Internals are to be conducted, each Internal consist of 20 marks. The average of two internals marks are to be posted in their students marks Memo. Internal marks 20 for BSc / BA / B.Com

Signature and name of the BOS Members.

- 1. ~~R-Prav~~ R-Pravani.
- 2. ~~[Signature]~~ Dr. S. Srinivasan
- 3. ~~[Signature]~~ A. DEVAKI
- 4. Dr. K. Nageswar Rao
- 5. Ch. Jamuna Rani
- 6. N. Satyanarayana
- 7. Dr. B. Rame

A. DEVAKI
 [Signature]
 [Signature]
 [Signature]

Each question carries 5 marks. And Answer all the questions.

B.Sc \sim $6 \times 5 = 30$ Marks

BA \sim $4 \times 5 = 20$

B.Com \sim $4 \times 5 = 20$

4. Pattern of Examination for Internal Examination:

The college will conduct two internals in this average of two internal marks will be posted in their marks Memo.

5. Pattern of Practical Examination:

B.Sc

In this atleast 2 questions are to be set out of 10 questions has to be answered. Each question

Carries 15 marks ($2 \times 15 = 30$ Marks)

Viva 10 Marks, and Record 10 Marks.

Max. 50 Marks.

B.A/B.Com : Answer one question out of 10 questions.

Question Marks, 20

Viva Marks 5

Record Marks 5

Max: 30 Marks.

The following panel of Examiners are approved.

List of Examiners:

1) Dr. S. Nagaparaneswara Chary
ADC, Jammibunta

2) Dr. C. Rajitha Devi
Tana D.C., Bangareddy

3) Dr. P. Nageswar
M's ADC, Mahabubnagar

4) Dr. D. Suresh Babu
Kakatiya ADC, Hanamkonda

B.Sc II papers : Object oriented programming
III, IV Semester with Data Structures using Java

B.A II papers : Office Automation
III, IV Semester

B.Com II papers : 1) Business Data processing System,
III, IV semester 2) Electronic Commerce

2. Each semester consists of

B.Sc II	50 Marks
BA II	40 Marks
B.Com II	40 Marks

a) External Examination Marks

for BSC 40M

BA 30M

B.Com 30M

b) Internal Examination Marks

for BSC, BA, B.Com 10M

3. Pattern of Examination for Semester and Examination

The members decided the following model paper:

Section A: BSC/BA/B.Com consists of 8 questions setting the questions from all 5 units.

Student should answer 5 questions out of 8 questions. Each question carries 2 marks.

5 x 2 = 10 marks.

Section B: B.Sc consists 6 questions } with
 B.A consists 4 questions } alternate
 B.Com consists 4 questions } choice

a 2. a)

b) OR

Board of Studies for department of Computer Science and Applications meeting is held on September 19 Monday 2022 19-09-2022.

Under chairmanship of Dr. D. Suresh babu chairman and head of the department of Computer Science & Applications.

The following members are attended to discuss various academic matters which are given below.

- ① The BOS Committee approved implementation of new Common Core syllabus for Ist Semester for Bachelor of Computer Applications B.C.A for both theory and practicals from the Ay 2022-2023.
- ② The BOS Committee resolved to implement the revised existing syllabus for I Semester of B.Sc Data Science in both theory and practicals from the Ay 2022-2023. (As per the Kakatiya University Syllabus in both theory and practicals).

B.C.A Bachelor of Computer Applications

(2022-2023)

	Exam Total	Credits
1. Sem - General English - I	70 + 30	4
1. Sem - Fundamentals of Information Technology	70 + 30	4
1. Sem - Programming with C	70 + 30	4
1. Sem - Discrete Mathematics	70 + 30	4
1. Sem - Management Information Systems	70 + 30	4
1. Sem - Fundamentals of Information Technology (LAB)	50m	2
1. Sem - Programming with C (LAB)	50m	2
Total Credits		24

B.Sc (Data Science) : 2022-2023

	Exam Total
Sem 1 : Bagat : Programming with C	80 + 20
programming with C LAB	25m
Total Work Load	4+3
Total Credits	4+1

contd....

SR& BGNR GOVT. DEGREE ARTS AND SCIENCE DEGREE COLLEGE(A)
 B.Se. PROGRAMME Under CBCS System Scheme w.e.f.
 A.Y: 2020-23
 B.Se. DATA SCIENCE

Year	Semester	Theory / Practical	Paper Title	Work Load (Hrs/Week)	# Credits	Marks
I	FIRST	Paper - I (DSC - A)	Fundamentals of Information Technology ✓	4	4	100
		Practical - 1	Fundamentals of Information Technology (Lab) ✓	3	1	25
	SECOND	Paper - II (DSC - B)	Problem solving and Python Programming ✓	4	4	100
		Practical - 2	Problem solving and Python Programming (Lab) ✓	3	1	25
II	THIRD	SEC - 1	Fundamentals of Nano Technology (Taught by Physics)	2	2	50
		SEC - 2	Mini Project	2	2	50
		Paper - III (DSC - C)	Data Engineering with Python ✓	4	4	100
		Practical - 3	Data Engineering with Python (Lab) ✓	3	1	25
	FOURTH	SEC - 3	Remedial Methods of Pollution- Drinking Water & Soil Fertility (Taught by Chemistry)	2	2	50
		SEC - 4	Mini Project ✓	2	2	50
		Paper - IV (DSC - D)	Machine Learning ✓	4	4	100
		Practical - 4	Machine Learning (Lab) ✓	3	1	25
III	FIFTH	Paper - V (A) (DSE - A)	Natural Language Processing ✓	4	4	100
		Paper - V (B) (DSE - A)	No SQL Data Bases	4	4	100
		Practical - 5(A)	Natural Language Processing (Lab) ✓	3	1	25
		Practical - 5(B)	No SQL Data Bases (Lab)	3	1	25
		Paper VI - GE	Data Structures and Algorithms	4	4	100
	SIXTH	Paper - VII(A) (DSE - B)	Big Data	4	4	100
		Paper- VII (B) (DSE - B)	Deep Learning	4	4	100
		Practical - 7(A)	Big Data (Lab)	3	1	25
		Practical - 7(B)	Deep Learning (Lab)	3	1	25
		Paper VIII (Project)	Major Project	4	4	100

Members :

- | | |
|--|------------------|
| 1. Sri N. Srinivasa Rao. (Chairman BOS) | N. Srinivasa Rao |
| 2. Dr. S. Srinivasa (University nominee) | [Signature] |
| 3. Smt. A. Devaki | [Signature] |
| 4. Dr. K. Nageswar Rao. | [Signature] |
| 5. Sri. N. Satyanarayana. | [Signature] |
| 6. Smt. CH. Tamara Rani | [Signature] |
| 7. Sri. M. Sreenivasa Rao. | [Signature] |

4 SEM - 2 Credits - SEC (Insurance)
 5 SEM - E-Commerce - 50+15+35.
 6 SEM - Cyber Security - 50+15+35.

BA/BZCS :

(2019-2022)

1 SEM - Prog. in. C - 80+20+25
 2 SEM - Prog. in. C++ - 80+20+25
 2 SEM - 2 Credits - AECC - 40+10.
 (Fundamentals of Computer)
 3 SEM - RDBMS - 80+20+25
 4 SEM - Multimedia and Systems - 80+20+25
 4 SEM - 2 Credits - SEC - 40+10.
 (Fundamentals of PYTHON)
 5 SEM - Prog. in. JAVA - 80+20+25
 6 SEM - WEB Technologies - 80+20+25.

BSc (Data Science): (2020-2023)

SEM 1. Fundamentals of Information Tech - 80+20+25
 SEM 2. Problem Solving and Python Prog - 80+20+25
 SEM 2. 2 Credits - AECC2 - 40+10.

Basic Computer Skills - Fundamentals of Computer

SEM 3. Data engineering with Python - 80+20+25
 sec 1: Fundamentals of nano Technology
 sec 2: mini project 150
 SEM 4. Machine Learning - 80+20+25
 SEM 4. 2 Credits - SEC3-Remedial - 40+10.

Methods of Pollution - Drinking water & Soil Fertility

SEM 5. Natural Language Processing - 80+20+25
 (General Elective) GE: data structures & Algorithms - 80+20
 SEM 6. Big data - 80+20+25.

Committee approved the question paper patterns as COVID patterns for this academic year.

N. Sree Lakshmi
 Incharge Comp. Science & Applications.

2021-2022

32

Bos meeting of Computer Department

Board of Studies for department of Computer Science and applications meeting is held on 06-09-2021

Under chairmanship of Sri. N. Srinivas Rao Chairman and head of the department of Computer Science & Applications

The following members are attended to discuss various academic matters which are given below.

① The Bos Committee approved implementation of new Common Core Syllabus for V semester and VI semester for BSc, B.Com & BA Computers, for both theory and practicals from the AY 2021-2022.

② The Bos Committee resolved to implement the revised existing Syllabus for I, II, III, IV Semesters in both theory and practicals from the AY-2019-2022.

		Th	I	P
<u>BSc [Computers]</u> (2019-2022)	1 SEM - Prog. in. C	-	80	20 + 25
	2 SEM - Prog. in. C++	-	80	20 + 25
	3 SEM - 2 Credits - AECC	-	40	10
	(Fundamentals of Computer (Basic Computer Skills))			
	3 SEM - Data Structures Using C++	-	80	20 + 25
	4 SEM - DBMS	-	80	20 + 25
4 SEM - 2 Credits - SEC	-	40	10	
(Fundamentals of PYTHON)				
5 SEM - Programming in JAVA	-	80	20 + 25	
6 SEM - WEB Technologies	-	80	20 + 25	

		Th	I	P
<u>B. Com [Computers]</u> (2019-2022)	1 SEM - FIT	-	50	15 + 35
	2 SEM - Prog. with C & C++	-	50	15 + 35
	3 SEM - 2 credits - AECC	-	40	10
	(Basic Computer Skills)			
	3 SEM - RDBMS	-	50	15 + 35
4 SEM - WEB Technologies	-	50	15 + 35	

Members :-

1. Sri N. Srinivasa Rao (Chairman-BOS) N. Sreenivas Rao
2. Dr. G. Rajitha Devi (University nominee) Rajitha
3. Dr. S. Srinivasu (University nominee) S. Srinivasu
4. Dr. K. Nageswar Rao. - K. Nageswar Rao
5. Smt. A. Devaki - A. Devaki
6. Sri N. Statyasarayana. Statyasarayana
7. Smt. Ch. Jamuna Rani Ch. Jamuna Rani
8. Sri M. Srinivasa Rao. - M. Srinivasa Rao

BOS Meeting of Computer Department

Board of Studies for department of Computer Science/Applications meeting is held on 11th - November 2020 at 2PM, under the Chairmanship of Sri N. Srinivasa Rao, chairman BOS and Head of the department of Computer Science and Applications. The following BOS members are attended to discuss various academic matters which are given below.

- ① The BOS Committee approved implementation of new Common Core Syllabus (2020) for III Semester and IV Semester for BSc, BA and B-com Computers, for both theory and Practical from the Academic year 2020-2021.
- ② The BOS Committee resolved to implement the revised existing Syllabus for both I and II Semesters as per the Kakatiya University Syllabus in both theory and Practicals from the Academic year 2020-2021.
- ③ The Committee also approved the revised question paper pattern designed by the Higher Education due to the COVID19 Pandemic and also satisfied by the BOS Committee for all Semester exams (I, II, III, IV, V & VI) for Academic year 2020-2021.
- ④. Resolved to modify and reorganized Syllabus of BSc(M) IVth Sem paper DBMS to improve Database Skills.

N. Sreenivasa Rao
H/O Computer Science & Applications

~~Principal~~

Members:

1. Sri. N. Srinivasa Rao. (Chairman - BOS).
2. Dr. G. Rajitha Devi (University nominee)
3. Dr. S. Srinivasa (University nominee)
4. Dr. K. Nageswar Rao.
5. Sri. N. Satyanarayana.
6. Smt. CH. Jamana Rani.
7. Sri. M. Srinivas Rao.
8. Smt. A. Devaki.

N.S

Rajitha

CH

K.N.R

S.N

C.H.J.R

M.S.R

A.D

BOS Meeting of Computer Department

The Board of Studies, Dept. of Computers conducted meeting at 11:30 AM on 29-01-2020 under chairmanship of incharge principal T. Jeevan Kumar to discuss the following issues in the presence of chairman BOS Sri. N. Srinivasan Rao.

1. Approval of Syllabus for BSc, BCom and BA (Computers) for II semester (CBCS).
2. Approval of Syllabus for BSc, BCom and BA (Computers) for III & IV semesters (CBCS).
3. Approval of Syllabus for BSc, BCom and BA (Computers) for V & VI semester (CBCS).
4. Setting of Question paper pattern and model paper.

Chairman presented agenda before BOS members and explain the need of prescribed syllabus and question paper and model paper for all semesters.

The Board unanimously resolved the following resolution

1. For BSc and BA (Computers) theory 80 marks and 20 marks internals - Practicals 50 for ^{two semesters} / ^{I, II} marks / ^{semesters}
2. For BCom Computers theory 50 marks and 15 marks internals and 35 marks for practical exam.
3. Question paper pattern is divided into two parts section - A (short questions) and section - B essay type questions.

T. Jeevan Kumar
Principal

50

Members:

1. Dr. D. Suresh babu (Chairman BOS)
2. Smt. A. Devaki
3. Dr. K. Nageswara Rao
4. Sri. N. Sanyasayana
5. Smt. Ch. Jamma Devi
6. Sri. M. Srinivasa Rao
7. Sri. P. Naga Parameswara Chary.

Handwritten signatures and initials on the right side of the page, including what appears to be 'K. Nageswara Rao' and 'Srinivasa Rao'.