Parvatibai Chowgule College of Arts and Science

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Best affiliated College-Goa University Silver Jubilee Year Award

10/11/2018

To

All the members of BOS-Computer Science

Sub: Minutes of the sixth meeting of the Board of Studies in Computer Science held on 13thOctober 2018

Sir/Madam,

I am forwarding the minutes of the sixth Board Of Studies (BOS) meeting in Computer Science held on 13thOctober 2018, in Lab 1 , Department of Computer Science of the College. If no exception is taken by any member who was present at the meeting to the correctness of the Minutes of the meeting within 5 days, of dispatch of the Minutes, they shall be deemed to be correct.

Yours faithfully

Bhat 10/11/18

Ms.Suchitra Bhat

Chairman

 BOS-Computer Science

Encl : Minutes of the Meeting

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MINUTES OF SIXTH MEETING OF THE BOARD OF STUDIES IN COMPUTER SCIENCE HELD ON 13thOCTOBER 2018 AT 10.00am

Vide Chowgule College notice F.133(C)/1136 dated21/09/2018, a meeting of this BoS was convened on 13thOctober 2018 at 10.00am at the Labl., Department of Computer Science, Parvatibai Chowgule College of Arts &Science (Autonomous), Margao-Goa. Since the number of members present represented the Quorum, the BoS began its proceedings.

Minutes are presented in the format.

Members present:

1. Mrs. Suchitra Bhat - HOD - Chairman
2. Mr.Nilesh Natekar - Academic Council Nominee
3. Dr.Jyoti D Pawar– Vice-Chancellor, Goa University Nominee
4. Mr.Sedrick Pires – Alumni Representative
5. Dr. Shaila Ghanti - Member
6. Mr. Alberto Ian Barreto - Member
7. Mr. V.C. Kumaresh – Member
8. Mr.D. Prabakaran – Member
9.Mrs. Judith Dias Barreto– Member
10.Dr. (Mrs). Sameena Falleiro- Member
11. Mrs. Neeta V. Dhopeshwarkar – Member
12. Mr. Amar Naik –Member
13. Mrs. Surekha Patil-Member
14.Mr.Mahesh Matha – Member
15.Mr.Abhishek Gudekar – Member Secretary
16.Ms.Sanas Shaikh – Member
17. Mr. Castor Godinho-Member
18. Mr. Wendham Gray-Member
19. Ms.Dikshita Aroskar-Member

Members Absent with Intimation
1. Dr. Bharath Despande   – Academic Council Nominee

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2. Mr.Dinesh Rivankar– Industry Representative
3. Ms.Priya Chandrakant Lotlikar-Member

PROCEEDINGS:

The Chairperson Ms. Suchitra Bhat, Head and Associate Professor, Department of Computer

Science welcomed all the members of the Board of Studies (BoS). New members introduced

themselves to the other members of the BOS. Chairperson explained the agenda for the meeting
and Board transacted the following business:

Agenda Items:

1. Generic Elective courses for B.A/B.Sc.
2. Review of B.Sc. (Sem VI).
3. Review of B.Sc. course structure.
4. Addition of new Elective courses for B.Sc. Computer Science.
5. Approving course outcomes under Outcome Base Education and Revised list of Practical for
B.Sc. Computer Science.
6. Offering Online courses like Swayam to students.
7. Approving the syllabi of two new Elective courses (2 credits) for Semester III of M.Sc.(IT) as
suggested at the previous BOS.
8. Review of M.Sc.(IT) course structure.
9. Any Other Business (A.O.B.)

PART-A: Resolutions

1. The proposed syllabi of Generic Elective courses for B.A/B.Sc was presented and
discussed. Following courses may be offered by the Department of Computer Science as
Generic Elective Courses

1. COM –GEC.1 Multimedia
2. COM –GEC.2 E-Learning
3. COM –GEC.3 Cyber Security
4. COM –GEC.4 Web Designing
5. COM –GEC.5 E-commerce

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The approved syllabi of all the above Generic Elective Courses are presented in **Annexure I.** BoS recommends the intake capacity to be 30 for the above mentioned Generic Elective Courses. Test can be conducted for the selection of interested students during admission. Hands on sessions can be conducted during the course.

2. Review on courses of Semester VI of B.Sc Computer Science was discussed. Also there was a review of course Digital Logic Design offered at Semester III.
   Semester III: COM III E-2 Digital Logic Design
   Semester VI: COM VI- E-13 Network Security

   After the changes, members approved the syllabi of the following courses: COM III E-2 Digital Logic Design and COM VI- E 13 Network Security. The approved syllabi of the same are presented in **Annexure II.** Summary of changes incorporated in the syllabus are in **Annexure A-B.Sc.**

3. The Course structure of B.Sc. Computer Science was presented and discussed. The following changes were suggested.

   COM III.C-5 Database Management Systems to be renamed as COM III.C-5 Database Management Systems-I

   COM-IV. E-6 Database Application Development to be renamed as COM-IV. E-6 Database Management Systems -II

   Following are the courses reshuffled across the semesters.

   COM III.C- 5 Database Management Systems-I which is currently offered at semester III is to be offered at semester II as COM-II.C-3A Database Management System-I

   COM-II.C-3 Object Oriented Programming which is currently offered at semester II is to be offered at semester III as COM-III.C-5A Object Oriented Programming.

   COM V.E-10 Mobile Application Development which is currently offered at V will now be offered at semester IV and COM IV.E-06 Data Base Management System II which is offered at semester IV will be offered at Semester V.

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The approved list of courses (Course structure) is presented in **Annexure III.**

4. No new elective courses were added to the existing list of elective courses.

5. The Program outcomes and course outcomes for B.Sc. Computer Sc., PGDCA were presented and discussed. After changes, the BoS approved the Program Outcomes and Course outcomes for B.Sc. Computer Sc. and PGDCA. Practical list for certain courses was updated and same was discussed. The redrafted Program Outcomes, Course outcomes and practical list are presented in **Annexure IV A** for B.Sc. Computer Sc. and **Annexure IV B** for PGDCA.

6. Offering Online courses like Swayam/ NPTEL to students.
   Observations: BOS members felt that students can take courses offered by Swayam/NPTEL beyond the regular syllabus. There should be a local mentor for the course. List of online courses that can be taken by students of different semesters can be made available depending on what courses are offered online from time to time.

7. The proposed syllabi of two new Elective courses (2 credits each) –(i) Statistical Computing and (ii) Educational Technology, for Semester III of M.Sc.(IT) was presented and discussed. After changes, members approved the syllabi of two new elective courses. It was also decided to introduce Machine Learning as a new elective course.
   The approved syllabi for all elective courses are presented in **Annexure V.**

8. Review of M.Sc(IT) course structure was discussed. The syllabi of the following courses were revised: (i) Software Architecture and Design patterns and (ii) Computer Graphics modified. The Program outcomes and course outcomes for MSc. (IT) were presented and discussed. The approved program outcomes, course outcomes for M.Sc. (IT) and changed syllabi of course Software Architecture and Design patterns and Computer Graphics is presented in **Annexure VI.** Summary of changes incorporated in the syllabus are in **Annexure A -M.Sc. (IT).**

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9. BoS Members discussed about adding B.Voc (Software Development) in the eligibility criteria of M.Sc.(IT). It was felt that more detailed discussion about this is needed . Same can be taken up for discussion in next Board of Studies meeting.

PART B: Resolutions/Recommendations of BoS that require consideration / approval Of Academic Council:

1. Generic Elective courses syllabus for B.A/B.Sc is presented in **Annexure I.**

2. Updated syllabus of B.Sc. (COM III E-2 Digital Logic Design and COM VI- E 13 Network Security) are presented in **Annexure II.** Summary of changes incorporated in the syllabus are in **Annexure A-B.Sc.**

3. Revised list of courses of B.Sc. Computer Science course structure to be implemented for students taking admission for F.Y. B.Sc. from 2019-20 is presented in **Annexure III.**

4. No new elective courses were added to the existing list of elective courses

5. Program outcomes, Course outcomes and revised list of Practicals is presented in **Annexure IV A** for B.Sc. Computer Sc. and **Annexure IV B** for PGDCA.

6. BOS members felt that students can take courses offered by Swayam/NPTEL beyond the regular syllabus. List of online courses can be made available depending on what courses are offered online from time to time.

7. Syllabi of two new Elective courses (2 credits) for Semester III of M.Sc. (IT) as suggested at the previous BOS and syllabus of new elective course Machine Learning is Presented in **Annexure V.**

8.Program outcomes, Course outcomes, revised course structure of M.Sc.(IT) is presented in **Annexure VI**. Summary of changes incorporated in the syllabus are in **Annexure A -M.Sc.(IT)**

The chairman thanked the members of Board of Studies of Computer Science for their valuable contribution and active participation.

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The foregoing minutes of the meeting are circulated by the chairman on 10th November 2018

The following were the members present:

1. Mrs. Suchitra Bhat - HOD - Chairman
2. Mr.Nilesh Natekar - Academic Council Nominee
3. Dr.Jyoti D Pawar– Vice-Chancellor, Goa University Nominee
4. Mr.Sedrick Pires – Alumni Representative
5. Dr. Shaila Ghanti - Member
6. Mr. Alberto Ian Barreto - Member
7. Mr. V.C. Kumaresh – Member
8. Mr.D. Prabakaran – Member
9. Mrs. Judith Dias Barreto– Member
10. Dr. (Mrs). Sameena Falleiro- Member
11. Mrs. Neeta V. Dhopeshwarkar – Member
12. Mr. Amar Naik –Member
13. Mrs. Surekha Patil-Member
14. Mr.Mahesh Matha – Member
15. Mr.Abhishek Gudekar – Member Secretary
16. Ms.Sanas Shaikh – Member
17. Mr. Castor Godinho-Member
18. Mr. Wendham Gray-Member
19. Ms.Dikshita Aroskar-Member

Due to prior commitments, Dr. Bharat Deshpande, Mr.Dinesh Revankar and Ms. Priya Lotlikar conveyed their inability to attend the meeting.

Mr. Abhishek Gudekar

Member Secretary

BoS(Computer Science)

10/11/18

Mrs. Suchitra Bhat

Chairman

BoS(Computer Science)

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PART C: The remarks of the Dean of the Faculty:-

a.   The minutes are in order.
b.   The minutes may be placed before the Academic Council with remark, if any.
c.   Important points of the minutes which need clear policy decision of the Academic council to be recorded.

Date: 10 November 2018

Signature of the Dean: _____
(Faculty of Physical and Earth Science)
 (Dr. Shaila Ghanti)