Agenda for the Board of Studies Meeting in the departments of CSE and IT- 2nd Jan 2015

Point No 1: Introduction of New Courses.

It is proposed to introduce the following new courses. The detailed course description is included in the Agenga Point No 2

To be included as electives for B Tech CSE/IT.
   (a) Big Data Analytics.
   (b) Simulation Techniques.
   (c) Game Theory.
   (d) Wireless Sensor Networks: Protocols and Applications
   (e) Internet of Things: Architecture and Design

To be included as electives for M Tech CSE.
   (a) Advanced Artificial Intelligence.
   (b) Machine Translation.

Point no 2: To approve the changes to the Course Descriptions and evaluation plan.

It is considered necessary to keep the course content updated, modified, merged, removed and changed keeping in view the advances in knowledge and the requirements of JUIT to keep pace with the best Institutions of the country & world and to bring the state of art in tune with requirements of the industry. The existing course descriptions have therefore been revised by deleting the obsolescent and including the new content. An effort has also been made to revise the course content to include the recommendations of CS 2013(CS undergraduate programme by ACM IEEE Computer Society Dec 2013). The focus is on project based learning and objective/outcome based evaluation. The evaluation plan has been revised accordingly.

It is proposed to approve the undermentioned course descriptions and evaluation plans.

[details of course descriptions and evaluation plans is given in the BOS Document attached separately]

Minutes of the meeting

2015 <u>Department of Computer Science & Engineering and Information Technology Engineering.</u>

Minutes of meeting of Board of Studies in IT Dept. held on 2nd January, 2015 at 11:00 A.M. in the Board Room, Jaypee University of Information Technology, Waknaghat. The following were present.

1. **Prof Dr R.M.K. Sinha,** Dean of CSE/IT Department, Head of IT Department (Chairperson)
2. **Prof Dr. S.P. Ghrera,** HOD CSE
3. **Dr. Deepak Dahiya,** Professor
4. **Dr. Nitin,** Associate Professor
5. **Dr. Vivek Sehgal,** Associate Professor
6. **Dr. Yashwant Singh,** Assistant Professor
7. **Dr. Hem Raj Saini,** Assistant Professor
8. **Dr. Pradeep Kumar,** Assistant Professor
9. **Dr. P. K. Gupta,** Assistant Professor
10. **Dr. Pooja Jain,** Assistant Professor
11. **Dr. Sakshi Babbar,** Assistant Professor
12. **Dr. Rajni Mohana,** Assistant Professor
13. **Dr. Manu Sood,** Associate Professor and Head, Department of Computer Science, Himachal Pradesh University, Shimla.
14. Nominees from the departments of Electronics & Communication Engineering, Civil Engineering, Bio Technology/Bio-Informatics, Mathematics and Physics.

RESOLUTIONS:

1. It was resolved to offer the following elective courses for B. Tech. CSE/IT.

    a. Big Data Analytics.

    b. Simulation Techniques.

    c. Game Theory.

    d. Wireless Sensor Networks: Protocols and Applications

    e. Internet of Things Architecture and Design

2. It was resolved to offer the following elective courses for M.Tech. CSE.

    a. Advanced Artificial Intelligence.

    b. Machine Translation.

3. It was resolved to revise the Course Descriptions, Course Objectives and Evaluation Plan for the undergraduate and postgraduate programme. The focus will be on the project based learning and objective/outcome based evaluation. The details of course descriptions and evaluation schemes are attached at the Appendix A.

4. The comments received from the Industry Representative, Sh. Prantik Thakur are placed at Appendix B. The same have been considered by the BOS and incorporated for improvement of the curriculum.

5. **Suggestion from the members:**

    It was suggested in the meeting to revise contents of the course "Multimedia Lab I and II.
    It was resolved that a committee of following four members, will revise the course description and submit the recommendation by 15th January, 2015.

    a. Dr. Pooja Jain (Head of the committee)
    b. Dr. Shailender
    c. Mr. Ravindra Bhatt
    d. Mr. Puneet Gupta

(Dean, CSE/IT Dept)

MEMBERS OF BOARD OF STUDIES (2015)

Department of Computer Science & Engineering and Information Technology

1. Chairperson:

   Prof R M K Sinha, (Dean CSE/IT Dept, HOD IT Dept)

2. Internal Members :

   i. Prof. S P Ghrera (HOD CSE Dept)

   ii. Prof Deepak Dahiya

   iii. Dr. Nitin

   iv. Dr. Vivek Sehgal

   v. Dr. Yashwant Singh

   vi. Dr. Hemraj Saini

   vii. Dr. Pradeep Kumar

   viii. Dr. P.K. Gupta

   ix. Dr. Pooja Jain

   x. Dr. Sakshi Babbar

   xi. Dr. Rajni Mohana

3. Nominees from the departments of ECE, BI/BT, CE, Mathematics, Physics, and CSE

   i. Prof Sunil Bhooshan, HOD, Deptt of ECE

   ii. Prof R S Chauhan, HOD, Deptt of BI/BT

   iii. Prof A K Gupta, HOD, Deptt of CE

   iv. Prof Harinder Singh, HOD, Deptt of Maths

   v. Prof P B Burman, HOD, Deptt of Physics

   vi. Prof S P Ghrera, HOD, Deptt of CSE

4. External Experts :

    i.   Prof Manu Sood, Director, UIIT, HP University

    ii.   Prof Mayank Dave, NIT Kurukshetra

    iii.   Prof Shishir Kumar, JUET Guna.

5. Representative from industry/corporate sector

    Sh Prantik Thakur, Service Delivery Manager, CSC, Indore

6. Postgraduate Meritorious Alumnus:

    Mr. Rajkumar Tekchandani, Asst Prof, Thapar University, Patiala.

HOD IT