Bansilal Ramnath Agarwal Charitable Trust’s

No. : VIT/ BOS/COMP/01/2014

**VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE**

**Department of Computer Engineering**

20th January 2014

**NOTICE OF MEETING**

The meeting of the Board of Studies in Computer Engineering will be held on Tuesday 28th January 2014 from 2.30 p.m. in the office of the Head of Department of Computer Engineering, VIT, Pune.

All the BOS Members are requested to attend the meeting.

Prof S.B.Karthick,

Head and Chairman BOS,

Department of Computer Engineering.

Copy To,

1. The Director, VIT, Pune 37.
2. All BOS Members in Computer Engineering
3. Dean Academics, VIT, Pune.

Agenda

1. Read and confirm minutes of previous meeting held on 18th May 2013
2. Discussion on Execution of P.G. Mini Project.
3. Addition of new Professional Development   courses : Struts and Spring Framework.
4. Approval of new elective at BE level : Cloud Computing, Parallel Computing on

GPU.

1. Discussion on restructuring Mathematics oriented courses at UG level
2. Minor changes to some courses as Computer Graphics (MCA), ACG(BE)
3. Any other agenda with the permission of the chair.

Minutes of the Twelth Meeting of Board of Studies of Computer Engineering, Vishwakarma Institute of Technology, Pune held on 28th January 2014

Meeting No. : BOS/COMP/01/2013 Date 28-01-2014

Venue : Department of Computer Engineering, Vishwakarma Institute of Technology, Pune.

The following Members were present :

1. Prof S.B.Karthick (Chairman)
2. Prof P.S.Dhabe
3. Prof A.M.Kulkarni
4. Prof S.T.Patil
5. Prof M.L.Dhore
6. Mr Udayan Kanade
7. Prof S.S.Sane
8. Mr A.V.Yeolekar

The following members conveyed their inability to attend the meeting:

1. Prof J.V.Aghav (Head, COEP due to NBA visit at COEP)

2. Prof Bernard Menezes (IIT Mumbai due to a very short notice for the meeting)

Prof S.B.Karthick Chairman BOS, Computer Engineering, extended welcome to all the members. Special welcome was offered to the new members of BOS Prof Sane, Mr Anand Yeolekar and gratitude was offered to the outgoing members of the BOS i.e. Prof S.A.Joshi and Mr Ajit K Kulkarni

The Board of Studies considered the items on the agenda and the items permitted by the Chair and following resolutions were passed.

Item – 1**. To** **read and confirm the minutes of the last meeting.**

Resolution : The minutes of the last meeting were read and confirmed.

Item –: 2 **Discussion on Execution of P.G. Mini Project**

Prof M.S.Patwardhan presented an overview of the manner in which Mini Projects are being executed at PG level in the current academic year. There was a discussion whether the mini projects could be confined to the theory courses (as per current practice) or if there was a need to have mini projects beyond the curriculum. It was decided that currently we could continue to have mini projects the way it is.

Item no 3 : **Addition of new Professional Development   courses : Struts and Spring Framework.**

Prof M.L.Dhore proposed two new PD courses i.e Springs Framework and Struts Framework for TE (Computer Engg and IT) and MCA (2nd year). Considering that Java and Advanced Java are already being offered as PD courses, these courses would strength the UG programs. Introduction of **framework like Spring and Struts** will give confidence to students to face value aided programming which in turn **increase the placement.**

Resolved : It is resolved to propose to the Academic Board that Springs Framework and Struts Framework be offered as PD courses to MCA 2nd and TE (Computer/IT) from the current academic year as in Annexure 1.

Item no 4 : **Approval of new elective at BE level : Cloud Computing, Parallel Computing on GPU.**

Prof S.T.Patil and Prof P.S.Dhabe gave an overview of two new electives that are to be introduced for BE (Computer Engg & IT) from the current academic year. Several changes were proposed by Mr Udayan Kanade that have been incorporated in the proposed syllabus of these two courses : **Cloud Computing and Parallel Computing on GPU.** For latest updates from industry, new courses like Cloud computing and GPU will increase the students **readiness to the industry.**

Resolved : It is resolved to propose to the Academic Board two new electives : Cloud Computing and Parallel Computing on GPU for BE (Computer engg) and BE (IT) be incorporated from current academic year as found in Annexure 2 and 3.

Item no 5 **: Discussion on restructuring Mathematics oriented courses at UG level**

Prof P.S.Joglekar (who was an invitee for this meeting) proposed restructuring of Mathematics courses at SE level. The main consideration was that Discrete Structures and Graph theory is not present in the current curriculum and hence it was imperative to restructure **Math courses**. With inputs from all the members and after a thorough discussion, several units of the current Applied Probability and Statistics course have been replaced and a new course called **Discrete Structures and Probability** has been created. This will increase the student’s **analytical power**.

Resolved : It is resolved to propose to the Academic Board the new course on ‘Discrete Structures and Probability’ be launched to students from academic year 2015-16 at SE (Computer engg and IT) as found in Annexure 4.

Item no 6 **: Minor changes to courses as Computer Graphics (MCA), ACG(BE),OS (TE)**

Prof A.M.Kulkarni proposed minor changes to Computer Graphics course (MCA Program) and Prof P.S.Dhabe proposed changes to Advanced Computer Graphics (BE Elective for Computer Engg and IT) and Operating Systems course TE (Computer Engg and IT). These changes were accepted.

Resolved : It is resolved to propose to the Academic Board that changes to Computer Graphics (MCA), Operating Systems (TE Computer Engg and IT) and Advanced Computer Graphics for BE (Computer and IT) be implemented from current academic year for MCA and BE (Computer engg and IT) as found in Annexure 2,5 and 6..

The meeting concluded with a Vote of Thanks.

Prof S.B.Karthick,

Chairman,

Board of Studies,

Computer Engineering.