

Re: Meeting of DUPC, DPPC and IAB board members on 3rd March ²⁰¹⁸~~2017~~

HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>
Tue 2/27/2018 5:21 PM

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Cc: fcomp <fcomp@coep.ac.in>

3 attachments (2 MB)

syllabus-final year-revision-2015-19-22feb18-CE.pdf syllabus final year revision-2015-19-22feb18-electives 1.pdf syllabus final-year-revision-2015-19-22feb18-IT.pdf

Dear all

Warm greetings !!

This is a gentle reminder for Board of Study meeting which is scheduled on **3rd March 2018**, Saturday to discuss the final year curriculum of 2015-19 curriculum revision.

Venue- Conference hall, next to Director's office
(same place, where we met for last meeting)

The agenda of the meeting is as follow.

9.15am to 9.45 am -- Breakfast (Main hall)
9.45 am to 1.30 pm – Presentation and curriculum discussion
1.30 pm to 2.15pm -- lunch (Main hall)

Attached herewith the syllabus draft for your reference which contains Computer Engg. structure and curriculum, IT structure and curriculum and third file contains the curriculum of electives courses which are common to both programmes.

If you find any difficulty in reaching the venue, please feel free to contact my colleagues Prof Sawant (9423582029) and Dr. Y.V. Haribhakta (9423567720).

Looking forward to see all of you on 3rd March.

Thanks and regards


Rahul Adhikari

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Unity is the strength ---
When there is a teamwork and collaboration wonderful things can be achieved
Mattie Stepanek

From: HoD, Computer Engineering & IT , Dr. Vandana Inamdar
Sent: Wednesday, February 7, 2018 1:02 PM
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Cc: Abhijit A.M.; Shirish Gosavi
Subject: Meeting of DUPC, DPPC and IAB board members on 3rd March 2017

Dear all
Warm Greetings !!

Department has planned to conduct the meeting of all DUPC, DPPC and IAB board members on **3rd March 2018, Saturday** at 10 am. Meeting will continue till 1.30 pm followed with lunch.

This meeting is focused to discuss the final year curriculum of Computer Engineering and Information technology programmes of revision 2015-19 which will be implemented from academic year 2018-19.

With the deliberate discussions and suggestions from all the members, the finalized curriculum draft of B.tech programmes need to be presented in the senate which is scheduled on 17th March 2018.

I kindly request you mark your calendar for this date (**3rd March 2018**) and please communicate me your availability for the same.

Details of venue and syllabus draft will be send to all of you in the last week of Feb.

Looking forward for your reply..

Thanks and regards.

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Dept of Computer Engg and IT
College of Engineering Pune
Minutes of DUPC/DPPC/IAB Meeting of

3rd March 2018

A list of different tracks and elective courses in each track should be prepared. This is to help faculty advisers and students to select the courses.

Suggestion: Introduce an elective "R&D project" in Sem-6 to help those students who want a head start in their project.

Guideline: Projects should be continued by successor batches, and build on work done earlier. This will help build larger systems and solve bigger problems.

Functional Programming: Remove Unit-4. Prof. Khedkar will send more concrete suggestions afterwards.

Language Processors Elective: Unit-3, Macro reconsider. It's irrelevant. Update References: include John Levine's "Linkers and Loaders".

LP Lab: macro processor to be removed. Include Antil/Ply tools.

Suggestion: To build faculty strength, the faculty should get involved in projects which continue over a period. The course assignments should also be thought of as continuation of previous year's work. They should build on earlier work done.

Guideline: Form a group of faculty associated with each basket of elective courses (e.g systems, security, etc.)

Suggestion: OOMD is not a highly needed course as a core course. It could be elective. The department should explore the possibility of this adjustment. This was not unanimous and RD Naik disagrees.

Saching Lodha: Cyber Security: The assignments need update. The current set of assignments need lot of infrastructure, separate network setup. They need more detailing and reframing. "Cyber ranging a box" needs to be studied (create own topology, set of attacks provided).

Gauri & Mayur suggestion: An advanced Machine Learning elective (deep learning, ..) should be floated. Lot of tool and study material being made available by Googles and other companies. To be thought about. Consider it as a part of the elective that can be floated in next few years. (This point is covered in the point below)

Prof. Khedkar: Have a list of topics to be explored over next few years.

RD

Following suggestions were received.

- 1) Deep Learning
- 2) Blockchain
- 3) Machine Learning in Software Engineering

IR Lab Syllabus: Replace Solaris by Solr, include elastic search.

E-commerce could be Institute Level Open Elective (ILOE).

Few recent alumni should be invited members into DUPC/DPPC/IAB as they are in a position to give a more critical feedback from the students' perspective.

STQA: Introduce smoke and sanity, continuous integration (CI/CD). Automation covered only from tools perspective. "why automation testing" needs to be covered in theory. Non functional testing and automation frameworks.

Advanced Algorithms to be considered as a B.Tech. elective also.

Prof. Khedkar: IIT Bombay and COEP perspectives on Honours are different. IIT Bombay views Honours as doing extra credits, any courses, and get the certification. COEP views it as set of prescribed courses. The IITB method is better. Honours courses at IITB are selected out of the dept's offering, the students do not 'demand' courses.

How virtualization is done to be covered in Storage and Virtualization course.

Kubernetes to be included in Cloud and Big data. Remove Vsphere and mention hypervisor.

Suggestion: Mapreduce is spread over many courses. Consolidate it in one place. It should be covered not only as a tool, but in depth, and include how it works.

Embedded systems should cover design, state transition diagrams, using tools to translate into code.

RB

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