

College of Engineering Pune

Department of Computer Engineering and IT


BOS Meeting on 14/03/2020

Agenda of Meeting : Second Year Curriculum Revision 2019-23

Venue : Data Mining Lab, EnTC Extension Building

	Item	Venue
9:30 am	Breakfast	Academic Complex Building , Ground floor, Near Boat club
10:00 am	Welcome and briefing about previous BoS meeting by Head of the Department, Dr. Vahida Z. Attar	Data Mining Lab, EnTC Extension Building
10:20 am	Proposed Second Year Syllabus presentation by faculty member and discussion with members	Data Mining Lab, EnTC Extension Building
1:30 pm	Any other point with permission of Chair, Conclusion of the meeting & Lunch	Academic Complex Building , Ground floor, Near Boat club

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Rahim Attar


Head
Dept. of Computer Engineering and IT
College of Engineering, Pune-05

Computer Engineering and IT Department

COEP, Pune

BoS Meeting for SY Curriculum Discussion and Finalization

Date: 14-03-2020, time 10:00 am

Place: Data Mining Lab

Present:

HOD and Faculty members of department

Bos/ IAB members

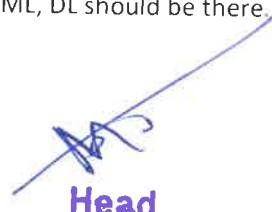
1. HOD: Presentation, Agenda Sy- Curriculum Revision.
2. Abhijit A. M. : Syllabus content division and presentation.
3. Prof. Jibi Abraham and Dr. V.Z. Attar: Explanation about SY new structure, IFC, PCC, LC, BSC,MLC and HSMC courses.
4. Essential Technical Skills Laboratory (Abhijit A.M.):
Mahesh P : Pours, containers , Microservices to be included adapting these techniques in projects in further years.
Abhijit A M, S P Gosavi: Microservices would be too early for students as it is 3rd semester.
Abhijit A M: Practical implementation can be done for other programming subjects in the same semester (as DSA)
Kedar S, R D Naik: Shell Script should be included as current situation demands this.
(All Externals): App development is not suitable, can be an elective course, Shell Script should be a mandatory course.
(All) "Android to be replaced by Shell Scripting"
Laxman R: Debugging Skills are essential and must be part of course.
R D Naik: Debugging Skill scan be part of SE projects phase I and II in TY
Student Comments: Debugging should not be taught can be learned on own.
Final Comments for ETSL:
LaTEX, Shell Scripting and GIT : is OK for 3rd Sem SY class
5. Elementary Data Structures:(Abhijit A M)
Final Comment : Fine, no change
6. Data Structures and Algorithms (Ashwini and Abhijit AM)
Kedar S, R D Naik : Files – More elaborative and clear declaration of topic in syllabus, or can be included in introductory part at beginning.
All Members :Can be renamed as Data Representation with some additional points.
Abhijit AM .Prof JibiAbraham : As the course is big and holds 6 credits (4 +2) can be divided in 3rd and 4th Semester in parts.
All Members : Can be divided in parts over in 3rd and 4th Semester
RG, R D Naik, PundalikJumbad :Can be in 3rd Sem only
Final Comments: Keep course in 3rd Sem only, Files to be included in introductory part, Data representation with Logical concepts.

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Rahul Adw

7. Digital Logic and Design (Pravin Pawar)
Final Comment: Perfectly designed, No change
8. Discrete Structures and Graph Theory (Rohini Sarode)
Kedar S : Number Theory (time duration requires more than 4 hours)
SPGosavi: Only theoretical aspects to be covered, so 4 hours are sufficient.
Mahesh P: What is significance of Number Theory in DSGT? Can be removed from course,
Defended the requirement of the topic by S P Gosavi & R Y Sarode
Final Comment: All OK, no change
9. Rapid Prototyping Practice Using Object Oriented Programming (Abhijit A M)
Final Comment: All ok, no change
10. Basics of OOP (IFC – II)
Kedar S, R D Naik: Rapid Prototyping and Basics of OOP contradicting, need to discuss in
Academic Council (Prof. Jibi Abraham and Dr. V.Z. Attar)
11. Theory of Computation (Prof. Jibi Abraham)
Kedar S : Too much in course: Context Free Language .
Final Comments: P, NP can be moved to other subjects (Algorithms),
Decidability and Halting problem should be there,
Course content till Turing Machine all OK.
12. Microprocessor Techniques (SSKumbhar)
Final Comments: Course should contain practical approach about Raspberry pi (
guidelines from Instrumentation Department about Raspberry Pi)
Rest all OK, no change.
13. Principals of Programming Language (VKKhatavkar)
Final Comments ;
OOP: File and exception handling point to be removed as it is repeated.
Kedar S : Emphasis on Functional Programming, how problem can be approached in different
ways.
Students should know more languages. explored more programming, functional way of
thinking than theoretical,
Doctor Skims instead of LISP.
14. Data Communication (DDKshirsagar)
Final Comment : ALL OK. No Change
15. Dimensionless Course: PG Diploma Course ppt by HOD)
Kedar S : Course and Time duration with different background students how it can be
conducted. (query by members)
Assessment should be continuous instead of final exam only.
Mahesh P, R D Naik : Domain Specific Learning NLP, ML, DL should be there.

Bilal

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Head

Dept. of Computer Engineering and IT
College of Engineering, Pune-05

BoS meeting on 14th March

HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>

Fri 3/13/2020 5:51 PM

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

Please find attached the Agenda of the Meeting.

With kind Regards,

Vahida Attar

Head

Department of Computer Engineering and Information Technology,
College of Engineering Pune 411005

(Autonomous Institute of Government of Maharashtra)

020-25507091

From: HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>

Sent: Monday, March 9, 2020 12:01 PM

To: adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Kedar Swadi <kswadi@gmail.com>; gotecha@hotmail.com <gotecha@hotmail.com>; laxman.rasal@gmail.com <laxman.rasal@gmail.com>; Aniruddha Pant <apant@algoanalytics.com>; jumbad@yahoo.com <jumbad@yahoo.com>

Cc: Shirish Gosavi <spg.comp@coep.ac.in>; Abhijit A.M. <abhijit.comp@coep.ac.in>

Subject: Re: Conformation of your availability for the BoS meeting on 14th March

Dear Sir/Madam,

Please find attached the Agenda of the Meeting.

It is single point agenda to discuss the SY B.Tech Computer Engineering syllabus.

We request your presence and valuable inputs for revision of SY syllabus

Due to prior commitments/appointments if you are unable to attend, kindly share your views/suggestions by email so that we can share the same with all members in the meeting for discussion.

Detailed revised syllabus, structure is already shared with you.

With kind Regards,

Vahida Attar

Head

Department of Computer Engineering and Information Technology,
College of Engineering Pune 411005

(Autonomous Institute of Government of Maharashtra)

020-25507091

From: Shirish Gosavi <spg.comp@coep.ac.in>

Sent: Monday, March 9, 2020 11:30 AM

To: adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Kedar Swadi <kswadi@gmail.com>; gotecha@hotmail.com <gotecha@hotmail.com>; laxman.rasal@gmail.com <laxman.rasal@gmail.com>; Aniruddha Pant <apant@algoanalytics.com>; jumbad@yahoo.com <jumbad@yahoo.com>

Cc: HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>

Subject: Confirmation of your availability for the BoS meeting on 14th March

Dear all,

Could you please confirm your availability for the BoS meeting scheduled on coming Saturday, 14th March? It would be nice if you could reply back by today evening.

Thanks in advance and regards,

-- s p gosavi --

(ext 7535)

From: Abhijit A.M. <abhijit.comp@coep.ac.in>

Sent: Friday, March 6, 2020 6:20 PM

To: Shirish Gosavi <spg.comp@coep.ac.in>; Uday P. Khedker <uday@cse.iitb.ac.in>; adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Kedar Swadi <kswadi@gmail.com>; rahul@rtcamp.com <rahul@rtcamp.com>; gotecha@hotmail.com <gotecha@hotmail.com>; Vinay Kakade <vinaykakade@gmail.com>; laxman.rasal@gmail.com <laxman.rasal@gmail.com>; Aniruddha Pant <apant@algoanalytics.com>; rd.naik@tcs.com <rd.naik@tcs.com>; jumbad@yahoo.com <jumbad@yahoo.com>; mparadka@in.ibm.com <mparadka@in.ibm.com>

Cc: HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>; fcomp <fcomp@coep.ac.in>

Subject: Re: Draft: S.Y. (Computer Engineering) curriculum

Dear All,

This additional information is in reply to queries raised by R D Naik. We hope it will be useful for all.



Please find attached the syllabus for SY Computer Engineering in curriculum revision 2015-19 to compare it with the current syllabus. Please note that only the SBC (Skill Based Courses), PCC (Program Core Courses) and LC (Laboratory Courses) come under the purview of the department of CE/IT.

Some background for this revision:

The curriculum revision 2019-23 became effective from current academic year. The current First year batch has followed the same. The students have done a "Programming for Problem Solving" course, delivered using Python as the programming language and "Introduction to Scientific Computational Tools" courses. Syllabus of both the courses is attached. The entire curriculum structure (discussed in last meeting) is also attached.

Some important points on changes to the syllabus:

IFC & IOC

The Interdisciplinary Foundation Courses (IFC) in Sem-III and Sem-IV are to be offered to other department students. These will be followed by Interdisciplinary Open Courses (IOC) in Sem-V and Sem-VI. The courses to be offered by our department are still under discussion. These are on lines of "Minor" but not the Minor courses. The "Minor" courses and Honors courses will be offered from third year onwards, so that discussion will be conducted same time next year.

The courses to be offered by other departments for CE students (under discussion) are:

IFC-1 (Sem-3): Sensors and Automation (Instrumentation)

IFC-2 (Sem-4): Feedback Control Systems (Instrumentation)

IFC-2 (Sem-4): Robotics (Production)

We definitely need inputs on this - i.e. possible topics that we should demand.

We have mentioned "Elementary Data Structures" and "Basics of OO Programming" as our IFC courses. However courses requested by other departments include: "Foundations of Operating Systems" and "Data Analytics"

SBC

The Skill based course is a requirement from structure defined by college. The two courses "Essential Technical Skills Laboratory" and "Object Oriented Programming (Rapid Prototyping)" were created to fulfil the need. The OOP course is being introduced for first time. So the contents related to same were taken out of "Principles of Programming Languages" course.

Regards,
Abhijit A.M.
Faculty, Department of Computer Engineering and I.T.,
College of Engineering Pune (COEP)
Shivajinagar, Pune, India - 411005

Phone: +91 20-2550-7108

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"...the planet does not need more successful people. But it does desperately need more peacemakers, healers, restorers, storytellers, and lovers of every kind..."
— David W. Orr, *Ecological Literacy: Educating Our Children for a Sustainable World*

BAV

From: Shirish Gosavi <spg.comp@coep.ac.in>

Sent: 05 March 2020 20:15

To: Uday P. Khedker <uday@cse.iitb.ac.in>; adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Kedar Swadi <kswadi@gmail.com>; rahul@rtcamp.com <rahul@rtcamp.com>; gotecha@hotmail.com <gotecha@hotmail.com>; Vinay Kakade <vinaykakade@gmail.com>; laxman.rasal@gmail.com <laxman.rasal@gmail.com>; Aniruddha Pant <apant@algoanalytics.com>; rd.naik@tcs.com <rd.naik@tcs.com>; jumbad@yahoo.com <jumbad@yahoo.com>; mparadka@in.ibm.com <mparadka@in.ibm.com>

Cc: HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>; fcomp <fcomp@coep.ac.in>

Subject: Draft: S.Y. (Computer Engineering) curriculum

Dear all,

Please find attached the draft of S.Y. (Computer Engineering) detailed curriculum. We will use it as a reference document for the discussion in the BoS meeting.

regards,
-- s p gosavi --
(ext 7535)

From: Shirish Gosavi <spg.comp@coep.ac.in>

Sent: Monday, March 2, 2020 10:50 AM

To: Uday P. Khedker <uday@cse.iitb.ac.in>; adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Kedar Swadi <kswadi@gmail.com>; rahul@rtcamp.com <rahul@rtcamp.com>; gotecha@hotmail.com <gotecha@hotmail.com>; Vinay Kakade <vinaykakade@gmail.com>; laxman.rasa!@gmail.com <laxman.rasal@gmail.com>; Aniruddha Pant <apant@algoanalytics.com>; Prateek Kapadia <prateek.kapadia@gmail.com>; rd.naik@tcs.com <rd.naik@tcs.com>; jumbad@yahoo.com <jumbad@yahoo.com>; mparadka@in.ibm.com <mparadka@in.ibm.com>

Cc: HoD, Computer Engineering & IT, Dr. Vahida Attar <hod.comp@coep.ac.in>; fcomp <fcomp@coep.ac.in>

Subject: BoS meeting on Saturday, 14th March, 2020

Dear all,

On behalf of the computer dept of COEP, I would like to invite you all for the BoS meeting scheduled on Saturday, 14th March, 2020 at 10.00 am.
The meeting is called for finalizing the curriculum of S.Y. (Computer Engineering)

Details

Date: Saturday, 14th March, 2020

Time: 10 am

Venue : Data Mining Lab, Electronics Dept Extension building, COEP (Boat club canteen side)

Agenda: Finalizing the detailed curriculum of S.Y. (Computer Engineering)

As IT branch is closed now, the meeting is expected to get over in half day, before lunch.

This is an early intimation so that you could mark your calendars

We will be sharing the draft of the curriculum we have prepared by Thursday, 5th March.

It would be nice if you could confirm your availability for the meeting



Thanks in advance and regards,
-- s p gosavi --
(ext 7535)

SP