Re: Invitation for the BoS meeting on 27th March, 2021

HoD,Computer Engineering & IT ,Dr. Vahida Attar <hod.comp@coep.ac.in>
Mon 4/19/2021 1:06 PM

To: Abhijit A.M. <abhijit.comp@coep.ac.in>;Rd Naik <rd.naik@tcs.com>

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

Dear RD,
Thanks for the detailed comments.
Also thank Abhijit for the responses for the comments.
About point no.5 : CE dept being asked for their views on providing engineering courses in Marathi
This is a proposal of AICTE to make engineering education more accessible to students with vernacular medium. But we communicated to Director about the practical problems of implementing the same due to unavailability of course material and other details. So now only Civil and Electrical programs may be part of this.

With kind Regards,

Vahida Attar,
HOD, Computer Engineering and Information Technology,
College of Engineering Pune 411005
(Autonomous Institute of Government of Maharashtra)
020-25507091

From: Abhijit A.M. <abhijit.comp@coep.ac.in>
Sent: Sunday, April 18, 2021 7:21 PM
To: Rd Naik <rd.naik@tcs.com>
Cc: adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Aniruddha Pant <apant@algoanalytics.com>; fcomp <fcomp@coep.ac.in>; gotecha@hotmail.com <gotecha@hotmail.com>; jumbad@yahoo.com

Rahul Adhav

<jumbad@yahoo.com>; Kedar Swadi <kswadi@gmail.com>; laxman.rasal@gmail.com <laxman.rasal@gmail.com>; mparadka@in.ibm.com <mparadka@in.ibm.com>; rahul@rtcamp.com <rahul@rtcamp.com>; Shirish Gosavi <spg.comp@coep.ac.in>; Uday P. Khedker <uday@cse.iitb.ac.in>; Mrs. V.H. Patil <varsha.patil@gmail.com>; Vinay Kakade <vinaykakade@gmail.com>
Subject: Re: Invitation for the BoS meeting on 27th March, 2021

Dear RD,
Thanks for your comments.

Here are some quick responses.
1) a) The definition of IFC is that it's a course requested by a department. As of now, the other departments have not requested any course. I think only when they request an IFC, we will be in a position to say whether we can offer it or not.

1) b) Yes. The IFC has less credits, hence less syllabus. I think we can not simply replace the contents, due to that.

2) You are right. We need to ensure no overlap. We will discuss it when we work on syllabus for Minor course next year.

3) The Honours is for CE students. Hence the overlap with Minor is irrelevant. The small overlap of 6th Sem Data Science (PCC) with Honours courses does exist. If you have any suggestions on changes, they are most welcome. We will try to minimize the overlap again.

4) We will discuss it and work on the assignments.

5) The degree programme in Marathi is a proposal from AICTE, to make engineering education more accessible to rural students, who (as assumed by AICTE) are not proficient in English. Prof. Vahida should be in a position to discuss this more.

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

From: Rd Naik <rd.naik@tcs.com>
Sent: 18 April 2021 19:01
To: Abhijit A.M. <abhijit.comp@coep.ac.in>
Cc: adsul@cse.iitb.ac.in <adsul@cse.iitb.ac.in>; Aniruddha Pant <apant@algoanalytics.com>; fcomp <fcomp@coep.ac.in>; gotecha@hotmail.com <gotecha@hotmail.com>; jumbad@yahoo.com <jumbad@yahoo.com>; Kedar Swadi <kswadi@gmail.com>; laxman.rasal@gmail.com

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Subject: Re: Invitation for the BoS meeting on 27th March, 2021

Dear Abhijit Sir
Few comments, questions:

1) In Sem V, CE dept offers two IFC courses: Data Analytics and Fundamentals of OS:

a) Looks like these are offered to specific branches (first one for Mech, second one for Instru and EE)? Why not to any student of any branch, subject to the pre-defined max capability of the course? If these requests have come specifically from the branches, then it may spell trouble in the longer run. Other branches may come up with requests for other subjects, and catering to these very many different IFC course requests may become tedious and difficult for CE dept.

b) The content of the 'Data Analytics' IFC course has a big overlap with the "Making sense of Data" course that is designed for Honours in Data Science, except that the former has one large unit in Machine Learning. Is this what is intended? My suggestion and recommendation will be to replace Data Analytics with the contents of Making sense of Data.

2) You offer an IFC course 'Data Analytics' (as above), and you also offer a 'Data Science' course (Sem 8) for Minor in Computer Engineering. The Mech student who opts for IFC course of Data Analytics is likely to also opt for Minor in CE too, and will end up doing Data Science (whose contents are not yet available) in Sem 8 again. You may need to relook at this structure, unless I have mis-understood this.

3) Pl elaborate about the "Honours in Data Science/Info Security". Which students is this meant for - CE students, or other branches? In either case, there seems some overlap in the Data Science related courses offered under "Honours in Data Science", CE PCC courses (Sem 6) and Minor in CE (Sem 8)

4) For Honours in Data Science, the course contents for "Making sense of Data" and "Big Data Analysis" seem reasonable. The only concern is that these courses need some practical exposure, so including assignments as part of the course work will help the students get some practice.

5) There was a mention of CE dept being asked for their views on providing engineering courses in Marathi. This needs to be a much larger discussion since there are too many concerns and issues, ranging right from imparting the teaching to textbooks to exams to the contents (for example, programming languages, data, the concepts, the technologies and many many others).
What is the high-level objective of this proposal? What are the reasons? Need to understand these basic questions before any concrete discussion can be taken up regarding the above in the context of the IAB.

Regards
RDNaik

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

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 VH 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: "fcomp" <fcomp@coep ac in>

Date: 03/30/2021 03:59 PM

Subject: Re Invitation for the BoS meeting on 27th March 2021

Dear BOS Members,

As agreed at the conclusion of the meeting, you are requested to send your comments, if any, on the syllabus of the Honours and Minor certifications, and the IFC, IOS courses.

The syllabus has been shared with you already. Please note that we have a syllabus of only the subjects to be offered in sem-V, VI. Please note that the CE students take a course on Computer Networks in Sem-V, and Operating Systems in sem-VI, before evaluating these suggestions. Also, note that all these courses are constrained to be 3 credit courses.

The scheme of Honours, Minor is as given below:

College of Engineering Pune
Department of Computer Engineering and IT

Minutes of Meeting of the BOS

Agenda: Revision of BTech curriculum structure (2019-23)

Meeting date: 27th March 2021

In presence of BoS and IAB members, HoD, Faculty members and TY and BTech final year student representatives.

Uday Khedkar
Varsha Patil
Rahul
Rakesh
Vinay
Laxman
Mahesh
Ravindra Naik

Prof. Vahida Attar gave an introduction to departmental developments, online teaching learning methodology, PG Diploma DSAI, progress of building construction, Proctored examinations, declaration of results, corporate trainings, TCS research engagement, consultancy projects.

Uday Khedkar - mentioned BigBluebutton. Abhijit pointed that it already exists in COEP and is being used.

PS for Engineers

Aghav - COs need to be rewritten.
Khadse - Mentioning only parametric tests for hypothetical testing, but non-parametric tests are also required.
Mahesh - unit 6, it will help if we mention applications in ML or DS.
RD - Unit 3, are there any associated tutorials ?They should mention.
Varsha Patil - Unit 6, as it's open for all branches - can we give some flexibility that respective branch will get applications related to them, and project like assignments, etc.
Aghav - no textbook of R Programming mentioned

SE-I, II

Abhijit: change the numbering of COs

RD: Mini project is a nice way of doing it. What's the students reaction ? -

Maynk student: first phase was too much theory, second stage about SRS and diagrams and it feels much theory - II sem is good. SDLC played important part, shift from college life to corporate life.
Vasu student: it was a good course, real life project, really learnt. Whole process of Software development, design, SRS helps a lot. First sem was comprehensive, but course is Good.

Vinay: On the maintenance, you said you are adding that, but in limited amount of time available in semester, can students understand it completely? Are you planning to arrange visits to industry or guest lectures?
Tanuja: Students hardly get any time, right. So we can schedule lectures from industry people.That will help students understand how maintains is carried out.

Uday KHedkar: Do you use github?
Tanuja: Yes, we do.
Abhijit: in other courses also we do. In DTL SY course, we have git in syllabus.

Mahesh: Is agile introduced?
Tanuja: Agile is introduced and we do take sessions on it. Few do use it.
Mahesh: Do they do projects using agile?
Tanuja: yes

Varsha Patil: Excellent practice, learning by doing. Do you associate a second year student for learning with team and fourth year student as mentor?
Tanuja: No. Students are from III year only.
Vahida: It's a suggestion that we could do this.
Abhijit: 4th year is good idea, 2nd year students it will be overkill.
Varsha: For SY, it won't be a task. It will be a learning session.
Tanuja: Final year students can definitely mentor. We will look into it. We can think of engaging SY students.

RD Naik: Content-wise decent. It's practice oriented course. Some theoretical part to it. How do you formulate the projects? Is it group of 2-3 people? It should be in groups, and not individual. What do students think, is it too much or too less for a group ? My comment is from operational aspect, but we should see that students are effectively able to learn.
Tanuja: we have 6 batches, and within a batch I ask them to form a group baesd on area like DS, ML, etc. Ask them to go through some papers and formulate the problem, to solve a genuine need. Usually a group of three, some in group of two. It depends on scope of project. Usually suggested in group of three.
RD Naik: Thanks.

Pundalik: Maintenance suggestion. May be you can get it bugs fixed, or small enhancements.

Jibi: Instead of project competition, we can have project demonstration to SY students.

CO

Sawant: few changes.
RD: Elective course on GPU computing. Whether this will cover it? Is it in 6th or 5th sem? Is CO supposed to give a baseline for that?
Sawant: Yes.
Abhijit: It will be under discussion for next year. The list of electives is just a proposal under discussion within the department.
RD: Talking about 7th/8th sem, given focus on ML, DS, focusing a little more on GPU computing in CO will be helpful.
Sawant: Yes, we can do that.

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DBMS

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Khadse: only change is noSQL databases.
R D Naik: Which ones? Is XML covered?
Vahida: Mongo DB. XML was there in earlier curriculum also.
R D Naik: I think you should look at XML. It is used extensively for Document processing methods.
Khadse: We cover XML in web technologies DE course.
R D Naik: Ok. But in some sense design of data for capturing information - data Model, should be part of DBMS.
Vahida: Good suggestion, we can start with that.

Vinay: noSQL is a standard for schema-less databases, like MongoDB. If you can include a comparison , that will be good.
Vahida: Right.
Laxman: ACID vs BASE will help.
Khadse: IITs suggest that keep basics in first DBMS course and cover other topics in ADBMS.
Vahida: It takes time to reach concurrency control and recovery. In second course they go in details of recovery. Indexing and hashing also takes some amount of time. We will try to incorporate as much as possible.

Mahesh: ADBMS is core or elective?
Vahida: Elective.
Mahesh: When do you introduce normalization?
Vahida: In core course. It's introduced in depth.

R D Naik: Course focuses on Relational databases, but you are introducing NosQL also. Do you cover an introduction to network type databses also? You can introduce different types of databases, like hierarchical and network databses.
Vahida: in first unit of introduction, we start with that.
R D Naik: right, they should get introduced to other types of databases also.

Rakesh: Do we cover de-normalization and optimization ?
Vahida: We are not doing in this course, and neither in second course. We will think about it.
Rakesh: Can include as a part of normalization.
Rahul Bansal, in comment: Denormalization is good to have.

Vinay Kakade: is there an overlap in ER model and Relational mode?
Vahida: yes

Vahida: We need to work on the laboratory, and some can be reframed.

RD Naik: CO5 DBMS Lab - connect to DBMS, how is it done ? Are they looking at stored procedures?
Khadse: It's simple connection ,and queries. PL-SQL is not there.
Kedar: Do you cover joins in assignment-2?

Kedar: Do you cover cursors?
Khadse: No we don't.

RD Naik: PL-SQL is more about technology, but cursors can be included. Not sure of time available. Cursors are easier to understand if in C or embedded-C.
Vahida: In earlier course we had PL-SQL also, but that is modified now. Cursors we can consider.

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AI
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Suraj S: Some ML and DL have been covered. Trying to cover introduction to AI so tha they can learn ML and DL in subsequent semesters.

Vinay: CBSE has AI from 9th standard. They will come to engineering over next few years. Do you think some topics would have already been covered?
Suraj: Even PG students have not done AI in their B TEch. So it's good to have this coverage.

Kedar: this is too much in a single course. ML and DL can only be mugged up this way. If you start with A*, min-max, NLP, search strategies, etc. Then how much time do you have for ML-DL , multilayer back propagation, etc.?It won't give time to digest important things.
Suraj: You are correct. If you can see, we had Prologue in syllabus. We had 2-3 lectures on Prologue. We discontinued that. Instead of that we have ML-DL. We will not engage more time on ML-DL. The essential units will take more time. We can do modifications to time allocated.
Uday Khedkar: We are teaching them ML, it's a disservice to students. They are not learning it properly.
Suraj: They are separate courses in subsequent semesters.
Uday: Why have it here then? Strengthen basic concepts if you have separate courses.
Suraj: Ok, we will change it back.

Mahesh: Depends on programme outcomes. If you want to make aware, then fine. If you want them to solve problems, then not good to have it here. Depends on what you want to achieve. I will say that to go depth, than just be aware of it.
Suraj: Ok, fine.

RD: I agree with Kedar, Uday. Additionally, heuristic search, then knowledge representation, etc. I want to see knowledge representation covered deeply. You can cover it as a separate topic.
Suraj: the points of structured and unstructured data are covered. We can give more stress on these points.

Karishma: I am teaching same subject in other programme. On knowledge representation, we are going with first order logic - we can go with semantic networks, frames, etc. On topics pertaining to AI, we can cover topics related to Robotics.

RD: I'm not exposed to all different types of knowledge representation. I understood that representations are suitable for certain kind of .---. It will be good to introduce different types, but again it will be overkill to cover all known types. Cover those that they will use in heuristic search, or learning, etc.
Suraj: Students are also doing mini project, they are given freedom to implement whatever they have learnt; The only purpose to add ML-DL is that most students are learning on ML-DL topics, so to give them an idea, we added these topics; They are already doing courses from Coursera etc, hence we mentioned these topics.
RD: No point in everything together in one course. Focus on representations, that was my point.
Suraj: We are covering. I will see how max representations can be added.

from chat:
from Uday Khedker to Everyone:
Courses like ML need not be made mandatory by the college, students make them mandatory on their own :-)
from Rakesh Gotecha to Everyone:
Is ML/Deep Learning mandatory course next year?11:34
from Sheetal Rathod to Everyone:
not mandatory now as existing curriculum is concerned

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CN
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Abhijit: introduced changes. Top-down approach. Wi-Fi added. Link layer 1-2 hour feedack.

Mahesh: This topic is also vast, like data structures. Difficult to cover everything. Did you consider Mobile networks?
Abhijit: Planing in detailed elective. Removed from core course, as it's too much to cover. Better to cover core topics better.

Laxman: Just like mobile networks, you can cover virtual networks, SDN.
Abhijit: in electives.

RD: Have you removed anything:
Abhijit: Advanced networking unit removed.

Jibi: Multicasting required.
Abhijit: ok

RD: Any honors course?
Abhijit: No

Which textbook:
Kurose Ross.

Mane: Covering wireless, is it really needed?
Students: Abhinav: Yes it should be there.
Mugdha: Agree. WiFi Should be there. It gives more reliability.

RD: Given expanse of cloud, Virtual Network is useful to be introduced. So I asked what is covered in DC? You can consider it, though it increases syllabus.
Abhijit: No, it's too much.
Kedar: Consider them in other topics. Securities, topologies, etc. also need to be covered.
Abhijit: we will cover them in electives.

Jibi: Try to remove link layer. To cove some advanced topics.
Abhijit: very difficult to do it.
Sachin: Basics of TCP/IP important.
Abhijit: depth is also important. We should not introduce too many topics.
Laxman: Yes, I agree.

Vinay Kakde: General lab exam. How do we do it? Is it a programmign exam?
Abhijit: That's a choice to the students.
Vinay: For programming exams, there is a limited time. That's more stressful coding. I want to remove time limitations.
Abhijit: We tried it during offline times. Now it's difficult.
Khedkar: Plagiarism can happen in 2 hour exam also. When I make them write compilers, I ask them to use a VM - such that it can connect only to our server from where they can upload or download, now can they send do ctrl-c, ctrl-v, ??
Abhijit: mini project is better.
Khedkar: yes, I'm talking of something like 2-3 weeks.
Rahul: One idea for plagiarism is to assign open source projects.

Sachin: Linux kernel can be used:
Abhijit: too difficult
Kedar: that's very hard
Sachin: IETF group, has so many communications, then we can get some problems
Abhijit: Concrete statements are needed.

Sachin: IETF communities are doing communications.
Abhijit: OK, we can look at it.
Uday: Somtimes real world is too messy for a course.
Rahul: nginx, apache can be considered
Abhijit: too large ! not possible.
Vinay: Yes.
Abhijit: some can be given mini project on apache2, nginx

From chat
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from 141808001 Abhinav Ashit Roy to Everyone:
Since this is a top down course, we keep on filling details in the bigger picture. When we complete link layer in this course, the picture is completed and everything makes sense and we understand everything clearly.12:06
from Rahul Bansal to Everyone:
https://firstcontributions.github.io/12:16
from Mahesh Paradkar to Everyone:
going to open source problems is fine for mini projects, the assignments have specific goal of getting the student to understanding the specific concept related to what was taught in theory.

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OS
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Abhijit presented changes

R D Naik: Why system programming here? They have to know the concepts of pre-processing, etc. They need to know these things.
How much do you introduce about compilers, and it will become another tickmark or intriguing ?
Uday: Why do we need it ?
Abhijit: for completeness.

Khedkar: Key is object file format.
Don't put these things insyllabus.
(Not noted down by Abhijit as he was busy in discussions)

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From chat
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from Mahesh Paradkar to Everyone:
parking this as a question- where do we map the concepts/labs around "Kubernetes, Containers, Microservices", "Hipervisors, Virtual Macnines" - I do not see Cloud Computing as elective either. I think we will have to see how they get introduced.. these are real skills industry would expect from UGs12:37

from Vibhavari Kamble to Everyone:
Cloud computing offered as elective in 7th sem. where we cover all this as lab is associated with it.

from Kedar Swadi to Everyone:
I need to log off early for some other urgent meeting. Sorry about this. Will email any suggestions I might have to Abhijit.

from Rakesh Gotecha to Everyone:
Just curious to know - Are there any students suspended/punished for plagiarism in recent past?12:22
Assignment/Mini Project/Project12:23
from Sheetal Rathod to Everyone:
As BTech projects are concerned students had plagiarism % less than 15%
from Rakesh Gotecha to Everyone:
Is it than 15% for assignments and mini project too?12:28
I mean Is it less than 15% for assignments and mini project too?12:28
from Sheetal Rathod to Everyone:
that can be decided by subject faculty sir

DAA

Gosavi: presented changes. FFT removed as maths for that is not covered in the mathematics courses. Added Network flow algorithms.

R D Naik: Any overlap with DSA ?
Gosavi: little. (?)

Data Scinece

Aghav: introduced. text books avialable now. etc.
Haribhakta: We had hadoop. we had emphasis on learning algos. We found that introduction to Hadoop and last unit on learning algos were very heavy. Differen types of data needed to be introduced. In first unit given introduction to data modeling. second unit on data gathering and pre-processing w.r.t structured and unstructured data: Visualization of data is introduced: fourth unit introducing how to go about bulding a model. what is function approximation: IN the begininig concepts of statistics are introduced in data modeling. hypothesis. etc. ; Then in final two units - distance measures. similarity measures. etc. (some description skipped)

from RD Naik to Everyone:
No speciific comments about Data Science12:55
from Rakesh Gotecha to Everyone:
Which language is used for Data science lab assignment? Python?
Aghav: Python

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ADS

Abhijit: More COs required
Abhijit: formatting has gone wrong.
Gosavi: based on MIT courseware course. Horowitz's video course

Mahesh: topic on applications. Do we actually cover as one unit ? or during each topic you talk of the applications?
Gosavi: we refer to the problems in each topic. but specialized unit at the end also for coverage in more details.

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AM
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Formatting needs change.
RD Naik: MMX is introduced. Is virtualization support is w.r.t. Intel only or are you making it generic?
Sawant: focusing on intel only.

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WST
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Choce of framework to instructor?
Abhijit: Yes.

Any assignments on Javascript frameworks?
No.

Punadlik: Using tools like Postman
Abhijit: yes. will mention that.

in chat: from Mahesh Paradkar to Everyone:
just a suggestion- If web security is not handled elsewhere, might be worth considering to be included to be part of the "Web Technoclogies" course..
offline comment: it is covered in other subjects.

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Graphics
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Abhijit: remove capitalized words
Sheetal: introduced the syllabus.

RD: What is thought process of Computer Graphics and multimedia as separate courses?

Sheetal: It was core in IT, then it became elective. Splitting it seems logical as it was too much content.
Vahida: ?
RD: Get some industry involved to make it more current.

Mahesh:
Computer Graphics - applicaitons could be covered to give the context with topics such as Mobile Camera and advances, Digital Forensics

IDSP:
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Vandana Madam presented it.

PCAP:

Amit: was core, now elective as per BOS suggestions.

Mahesh: ?
Amit: That will be a separate elective.

Computational Geeomtry
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Shirish: Sandeep Sen's course used. First time introduced. Don't have experience of teaching it, so timeline is approximate, borrowed from NPTEL course.
Vahida: We will be offering MOOC courses also. We will improve syllabus as we gain experience.
Pundalik: this is fair.
Jibi: You can generally write in syllabus that MOOCs can be offered in each elective basket.
Rakesh: Min students for elective ?
Vahida: Max 40-45 students, min 15 students, but can be 10 , not less than that.

RTCN:
Sachin : Honors ACN course modified. SNMP removed, added last chapter Advancements in CN - MPLS, 5G, CCn, IOT, etc.
Laxman: for openflow switch, considering any example ? Xen server, open virtual switch can be includedl
Sachin: Ok
Sachin: High speed networks - also can introduction of Network Operating systems.
Sachin: Ok
Laxman: I can help with assignments on open virtual switch:
Sachin: ok

FF
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Vinay: is it possible to cover valuations, etc?
Avichal, Credit-Suissie : We do cover. There was a unit on corporate finance.
Sundeep: We are leading institution, (etc), we are taking care of investment banking, giving exposure on all three banking domains. So we thought it will be good to introduce .... So a fundamental course on banking.
Abhijit: this is not CE course. Classify as IOC. We can't offer this course, if Credit-Suisse is not around.
Uday: What's the motivation ? Is it technology development for finance? What's the motive ? THis should be for all engineers, if offered.
Rahul: This should be ILOE. Will you be covering start-up funding, private equity, etc?
Vinay: it's structured as if going around to a finance company.
Sundeep, Cr-SS: what's the purpose? We are financial institution. In India, we are one of the premium technology company. Rest of My competitions go for hiring also. In technology institutions we recruit only CE-IT, and we designed this for CE-IT students only. It will be beneficial (?....).
Uday: As a member of BOS, I have two serious objections to this idea: This seems to be serving the purpose of Credit Suisse, and not students. We need to re-orient it. We should ensure that this is more general. I don't see anything about technology. I want to see why CS is imp, what technology is being used, in the absence of this. I have reservations about a CS elective.
Sundeep : I agree that we can make changes to programe. You suggest what is beneficial to students. We have been receiving feedback from students.
Uday: Vinay, Kedar they can give inputs. I am not in that position.
Pundalik: Two cents to add. 18 years in banking. Having this fundamental knowledge definitely helps. We should also add mutual funds to syllabus.
Uday: I agree that knowledge of finance is useful, and so is biology and medicine. How we are casting it, is important - is it useful only to CS students?
VInay: I agree that it's useful to everybody.
VInay: It can be a BHAU institute course.
Jibi: Vinay, we have IOC - 6-7th sem, across institute for all branches, because we have association with Cr-Ss, we can offer this as IOC to all students.
Vahida: We will take inputs from Pundalik, Vinay, Rahul also. And we will think of IOC course.
Uday: We recommend it as IOC/open-elective.
Sundeep: We will be happy to sit-down to find best possible way.
Rakesh: this is domain specific elective. We are focussing on technology specific electives. Tomorrow if other domain industries give their electives, are we open to them? If we have "NO" answer, then we can accommodate it.

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Ghotkar: can we offer System Programming as an elective course ?
Vahid: If syllabus is formed, we will take inputs from BOS.

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it's 2pm. Most people need to leave now.

Abhijit : introduced topics of courses of Honours and Minor.
Vahida: in the interest of time, we request comments offline on minor and honours.
Abhijit: Please also give comments on IFC/IOC.

chat/Mahesh: instead of IOT Security, please consider taking up Threat Intelligence, Security Incident and Event Management- very relevent to demands from industry in general14:00
Vahida: Mane, DDK will be in touch with you.
Mane: I'll connect with you.

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Vahida: one more additional point. AICTE proposing Engineering graduation in regional languages. What are your views? They are asking us to float few specializations.
Vahida: Will share this offline.

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NIkita - Big data analytics syllabus overlaps with Cloud. We need to split that.
Vahida: Please work with team to work it out.

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