

**Action taken report- Computer Science Engineering Department**  
**(Academic year 2016-17)**

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 11/03/2015)	Action taken by BOS meeting (with date 20/03/2015)	Action taken by ACC meeting (with date 20/07/2015)	Any other comments
1. Students	1. Suggested to include foreign languages in the curriculum	1. French, German and Spanish were already included in the electives in last BOS 2. Program coordinator suggested to ask centre for language to include advanced level of these courses in open elective, also explore to include more courses in foreign language elective.	Suggestions were Forwarded to the committee to include advance subjects of foreign language in electives	No changes were introduced as subjects with advanced level already exist in the curriculum	
	2. Suggested to introduce Python and R programming in the curriculum.	2. These courses are already there in program elective. Members proposed for non inclusion of these courses in core courses.	R and python are already a part of elective, so no changes were introduced	No changes suggested	
2. Teacher	1. Suggested To update the lab manuals. 2. And suggestion to not to include solution code in the manuals. 3. suggested if hints can be given in the manual.	Suggested the Course Coordinators to allocate the courses to faculty members to update the manual	Reconstructing of the programs and key additions and deletions were there in the practical contents and lab manual format	Practical content enhanced with emphasis on industry-based experiments	Concerned points were discussed and implemented

	2. Suggested to emphasise on the practical evaluation in labs and expressed that it should be more rigorous.	All course coordinators to ensure rigorous evaluation including course content	Suggested that Different Faculties can evaluate different sections	Exchange of faculty at time of evaluation	
3. Alumni	1. Alumni also felt to give more weightage for lab work.	Agreed with faculty on industry based/related questions to be asked at the time of Viva	Exchange of faculty at time of evaluation	All major points were considered and approved in ACC.	All major points were considered and approved in BOS.
4. Employer	1. Recommended to Improve coding skills and presentation skills among CSE&IT students.	Suggested for More industry based practicals to be introduced	Practical content enhanced with emphasis on industry latest trends	Same has been done in other programming subjects	Concerned points were discussed and implemented
	2. Recommended more methods to evaluate lab work so that students give more attention for practical classes.	Suggestion to explore more sites for difficult and practical questions	Syllabus to be made industry and application oriented	Same has been done	

  
Akansha Singh

(BOS Member Secretary)

  
Prof. Swaran Ahuja

(Dean Academics)



## Action taken report- Computer Science Engineering Department

(Academic year 2017-18)

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 24/01/2017)	Action taken by BOS meeting (with date 28/01/2017 & 04/02/2017)	Action taken by ACC meeting (with date 22/09/2017)	Any other comments
1. Students	1. No significant advantage of the course colloquium.	Suggested to Remove Colloquium from the curriculum	BOS directed to Remove from the curriculum	ACC approved to remove colloquium subject	Concerned points were discussed and implemented
	2. Value added courses should not be given along with the core computer science course	Suggested to remove value added course forwarded to BOS committee	BOS also agreed on removing VAC	Committee agreed on the same	
	3. Suggested that there are four Maths courses in the current scheme. In computer science, we should not have that much of Maths courses in the scheme	Members did not find suitable suggestion to forward it to BOS committee	No Change was introduced as these subjects are mandatory in the curricular for better understanding of other subjects	No changes were made	
2. Teacher	1. Recommended to replace C language with Python in I sem FOCP –I course, to improve the logic building from simple language to more complex programming.	To move with latest industry trends python language should be introduced	Start of the new programming language Python in FOCP course.	ACC directed to start new programming courses	Point was considered and approved in BOS/ACC
	2. Recommended to revisit the L-T-P structure of the course FOCP-I, it should have more lab contact hours. New L-T-P of the course could be 3-0-4 total 5 credits are recommended.	Suggested Addition of 2 hours lab contact hours. A new L-T-P of the course could be 3-0-4 total 5 credits are recommended.	Addition of lab hours with put more emphasis of practical content	Practical content enhanced with emphasis on real time industry-based experiments	
	3. Recommended to increase the contact hours for lab classes in data structure course	Data Structure is core subject so more emphasis of practical part as it is a basic requirement of the industry	More practical hours for the core courses like Data Structure	Practical content enhanced with emphasis on real	



				time industry-based experiments	
	4. Suggested to include the lab component in L-T-P structure of the course Computer Architecture and Organization	The practical content will provide more insight into the microprocessor concepts.	BOS suggested to include Lab component	ACC agreed on practical content of CA and CAO as it is basic requirement for the student Approved	
	5. Suggested to include the web development course to all the students	Not required, as already many courses are available related to Web development			Concerned points were discussed and implemented
	6. Proposed to add one more program elective, keeping the current industry requirement, more elective courses	Suggested inclusion of industry-based electives will make the curriculum more towards choice-based system	More electives to be added as suggested in the scheme	ACC agreed for making curriculum choice based	
	7. Suggested to include lab components in the course instead of tutorial component because some of the topics, the lab is highly required	Suggested that Tutorials to be removed from the subjects and more emphasis on practical content	Changes were recommended and forwarded to BOS committee for approval	ACC recommended changes	
3. Alumni	1. Proposed managerial skills are highly required in the industry.	Include management courses for improving management skills in the form of electives. Suggestion forwarded to BOS committee	Human Computer Interaction electives to be introduced	ACC agreed on introducing Human Computer interaction Elective	Point was considered and approved in BOS/ACC
	2. Suggested Positive psychology type of courses should be included as an elective course in the curriculum	Include management courses in the form of electives.	Humanities and Social Science (HSS) introduced	ACC allowed for including elective course	
	3. Core computer science course should be given more importance	Some credits to be included for the self-study component in the scheme where the students will self-study the content	BOS removed VA-II from V Sem	ACC agreed on removing VA-II	

		and exam/ viva to be conducted to grade the students. Faculty members suggested removing the VA-II course from V sem to give more focus on core computer science courses.			
4. Employer	1. Suggested to improve communication skills	Communications skill courses is present in first year, it was discussed to shift these courses to second year since the contact hours of the first year is much higher	To enhance communication skills and reduce 1st year contact hours, suggested to include in second year	ACC agreed on reducing 1st year contact hours	Point was considered and approved in BOS/ACC
	2. Students have Weak programming logic	Relatively less complex programming language can be given at the initial years and later on shift the students to complex and object-oriented programming language	Problem solving and design thinking course in first year of study to improve the logic building and divergent thinking	Committee gave approval on including complex industry-based programs	
	3. Students need to improve the presentation skills	Creative writing may be given to students to improve writing and presentation skills.	To give presentations to students and include marks	Committee agreed on including marks for presentations	
	4. Include latest technology – an IoT based course may be included in the scheme	According to latest trends IOT should be included in the curriculum	IoT based courses introduced	ACC directed for introducing IoT based course	

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## Action taken report- Computer Science Engineering Department

(Academic year 2018-19)

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 03/01/2018)	Action taken by BOS meeting (with date 08/01/2018)	Action taken by ACC meeting (with date 27/01/2018)	Any other comments
1. Students	1. Suggested to include foreign language elective course in the scheme	1. French, German and Spanish are highly required and should be added	Open Elective – III will be any course from foreign languages	Committee agreed on including foreign language	Point was considered and approved in BOS/ACC
	2. Suggested that B.Tech. project work in VI and VII sem should be shifted to VII and VIII sem	2. As the number of subjects are less in VII and VIII and more focus can be done on projects.	CSD301 Major Project – I has been shifted from VI sem to VII sem CSD402 Major Project – II has been shifted from VII sem to VIII sem	Committee allowed to change sem for major project-I and II	
2. Teacher	1. Suggested for Common scheme for complete 1 <sup>st</sup> year	Common first year courses since not too many changes are required	Thirteen common courses have been identified which will be same across all B.Tech	Common courses to be taught was allowed by ACC	Point was considered and approved in BOS/ACC
	2. Suggested for common terminology across all the departments for Program Elective and Open Elective. For elective slots like department elective, departmental elective, free elective	send the above sub-point to Dy. Dean - Academics through the Director – SOET as recommendation to every department to follow	Decided to have common terminology for ‘Open Elective (OE)’ and ‘Program Elective (PE)’ courses. The scheme has been updated with all the electives marked either ‘OE’ or ‘PE’. For any specific OE or PE, the domain is also given to avoid any confusion	ACC finalized to use Common terminologies	

	HSS elective in the scheme 2017 doesn't attract many students, convert this course to Open Elective with option of Management courses	Suggestion forwarded to BOS committee	HSS electives has been changed to Open Elective – 5 (Management Course)	Committee authorized for converting HSS to open elective	
3. Alumni	1. should have some self-study component	agreed by all to include in revision, one of the faculty has been asked to collect the information/ portals to include 3-6 credits in the scheme.	course(s) equivalent to 3-6 credits should be taken by students using MOOCs (Massive Open Online Courses) from platforms like SWAYAM, Coursera, edX	MOOC to be taken forward	
4. Employer	1. lack of general knowledge,	Nothing was decided			
	2. it is required to add courses from theoretical computer science courses	Theory of Computation; to be added in the current scheme. Also add compiler design course in the current scheme	CSV201 VA course of 1 credit has been added in V sem	ACC finalized to add TOC and Compiler in current scheme	

  
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## Action taken report- Computer Science Engineering Department

(Academic year 2019-20)

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 21/12/2018)	Action taken by BOS meeting (with date 02/01/2019)	Action taken by ACC meeting (with date 16/03/2019)	Any other comments
1. Students	1. Suggested to include a credit-based summer internship after II sem in the scheme	1. It has been decided not to recommend it since students should also have time to acquire knowledge themselves. And we already have included the training after II year in the scheme.	BOS did not agree for internship credits after II sem.		
2. Teacher	1. Suggested to Introduce new industry domains for the students and identify faculties in those domains	Suggested Execution of the specialization with credits for electives called 'Stream Electives'.	BOS finalized on new scheme with five specializations will be included: 1. Data Science and AI 2. Cyber Security 3. Full Stack Development 4. IoT and Cloud Computing 5. Game Tech AR and VR  General track will also be there in case student doesn't want to take any specialization	ACC also Approved on new scheme with five specializations	Concerned points were discussed and implemented
	2. Recommended to make the scheme domain specific, the	Faculty members agreed for revision in the scheme and	Change in credits and making scheme domain	Committee settled on introducing core	Point was considered and

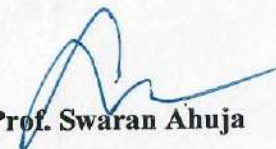


	core courses contents should be added in the stream electives and hence the credits of all the core courses needs to be reduced to 2.5	like to send BOS committee for approvals	specific was Approved by BOS	courses in domain specific specializations	approved in BOS/ACC
	3.2018 batch students to give them the better choice-based learning (same 2019 scheme should be implemented for 2018 batch also)	Faculty members agreed for revision in the scheme and like to send BOS committee for approvals	This can be implemented for 2018 batch	ACC agreed on implementing same scheme for 2019 batch	
3. Alumni	1. Appreciated the move to make I year scheme common for all engineering students	Appreciated by faculties also	Point was not discussed in the meeting		Concerned points were discussed and implemented
4. Employer	1. Suggested to introduce Corporate and Human Values and Professional Ethics as the course	Already have subject on Human values and Ethics	Point was not discussed in the meeting		



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**Action taken report- Computer Science Engineering Department**  
**(Academic year 2020-21)**

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 25/11/2020)	Action taken by BOS meeting (03/04/2021)	Action taken by ACC meeting (with date 8/05/2021)	Any other comments
1. Prospective Students and Parents	Suggested to include BCA in the University	BCA scheme introduced in the University with two Specializations <ul style="list-style-type: none"> <li>• Specialization for Web development</li> <li>• Specialization for Gaming and Animation</li> </ul>	BOS agreed on introducing the Scheme	ACC allowed to work on the scheme of BCA with 2 specializations	Point was considered and approved in BOS/ACC
1. External Expert  Prof. Navin Rajpal	1. Commented not to make any language specific contents for 1 <sup>st</sup> year fundamental of programming courses in BCA scheme.  2. Also suggested for project based/ case studies-based evaluation of these course. In second part of this course i.e., fundamentals of programming – II, OOPs concepts should be included for BCA students.	Members accepted and welcomed new scheme of BCA	Suggested changes have been accepted	ACC allowed to include the mentioned points in the BCA scheme	Point was considered and approved in BOS/ACC



<p>1. External Expert</p> <p>Prof. B. Chandra</p>	<p>1. Suggested to teach the analysis and design of algorithm course before the students go for internship.</p> <p>2. This has been agreed by all the members to shift the CAO course from 4<sup>th</sup> to 3<sup>rd</sup> Sem, ADA course from 5<sup>th</sup> to 4<sup>th</sup> Sem and Entrepreneurships course from 3<sup>rd</sup> to 5<sup>th</sup> sem.</p> <p>3. Suggested to include one more elective track covering Data Science domain.</p> <p>4. Suggested to have the project – 1 and project – 2 of equal credits.</p>	<p>1. Dept agreed on ADA to course to be introduced before internship in 4<sup>th</sup> sem and</p> <p>2. CAO to be shifted to 3<sup>rd</sup> Sem.</p> <p>3. It has been discussed and members suggested to go ahead with the proposed two streams only and include other domain electives in subsequent years depending upon the popularity of the program.</p> <p>4. This has been discussed and members suggested to allocate the 4 and 6 credits respectively since in 5<sup>th</sup> semester some core courses are there and in 6<sup>th</sup> semester the number of contact hours are less.</p>	<p>Suggested changes have been accepted</p>	<p>ACC allowed to include the mentioned points in the BCA scheme</p>	<p>Point was considered and approved in BOS/ACC</p>
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**Rekha Vig**

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