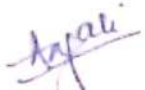


Action taken report for Academic year 2016-17

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 16/07/2016, 28.11.16, 7.10.16 etc)	Action taken by BOS meeting (with date 02/03/2017)	Action taken by ACC meeting (with date 30/07/16, 22/10/16)	Any other comments
Student, Teacher	less contact hours	discussion on how contact hours can be reduced. One way is to increase lectures timings and also tutorial classes can be clubbed with labs.	Reduction of contact hours to 5 hrs/day from current 6hrs /day system. Increase the lecture time to 80-90 min from current 60 min	Approved in BOS. Additionally, The scheme for M.Tech VLSI Design 2014 is being revisited with suggestion /recommendations to align it with the scheme for 2016 of M.Tech. VLSI design.	Scheme is modified as per the directions
Student, Teacher	update text books in syllabus	Hod asked faculty to update the next books in their respective courses syllabus and order sets of new books for university library too.	Updation of all text book resources to align with current industry and technology trends	Approved in BOS	Implemented as approved in BOS
Employer, Teacher	Offer specialization courses/ open electives as per latest industry trends. Float more electives as per industry needs	Faculty suggested new elective courses to be introduced in new scheme. Dr Sharda suggested to make tracks based on electives	Introduction to elective courses and make tracks for electives	Approved in BOS	All major points were considered and approved in BOS/ACC.

Alumni, Student, Parent	Students don't get time for extracurricular activities	Dr Neeraj suggested to focus on 2-3 subjects per day to improve student concentration	Teaching 2-3 subjects/day than current 4-5 subjects per day	Approved in BOS	Implemented as approved in BOS
Students, Alumni	more focus on hands on and project based learning	It was suggested by HOD that mini projects should be included in lab courses.	Practical and project oriented syllabi by including lab projects in all courses	Approved in BOS	Scheme is modified as per the directions


Dr Anjali Garg
 (BOS Coordinator)


Prof Swaran Ahuja
 (Dean Academics)

Action taken report for Academic year 2017-18

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 06/05/2017, 31/08/2017, 22/09/2017, 30/10/2017, 27/11/2017)	Action taken by BOS meeting (12.09.2017 & 28.11.17 & 08.01.2018)	Action taken by ACC meeting (23.09.2017 & 27.01.2018)	Any other comments
Students, Teacher, Alumni	1. Students can complete 60-70% of project work in semester VI and the summers following sem VI and hence can showcase their work in the placements interviews.	In order to promote better quality major projects among B.Tech. students, it is decided that they start the projects early i.e. in semester 6. There are many pros of doing the same e.g. students can showcase their work in the placements interviews, better quality projects etc.	Shifting of Major project ECD 405 & 406 to sixth and seventh semester from seventh and eighth semester for B.Tech (ECE) students. Minor project has been removed from sem VI as major project A will be done in sem VI. Seminar has been shifted from semester VII to Semester VIII	Shifting of major project from 8 th +7 th sem to 7 th +6 th sem	All major points discussed and approved in BOS/ACC
Students, Teacher, Alumni	Common courses for first year to facilitate branch change	All the courses in first year B.Tech should be common To Facilitate change in branch based on merit, ii) Facilitate migration of students, and iii) Have common standards for 1st year Engineering students. Faculty suggested that syllabus of existing BEEE and BEE courses can be modified to include as common course in new scheme.	Modification in B.Tech (Electronics and communication Engineering) 2018-19 entry batch scheme for incorporating common 1st year courses for all B.Tech. programmes	Revision In Schemes Of Studies Of First Year Courses Of All B Tech Programs To Make First Year Common For All Students ECL110-BEEE (3-0-2)4	Scheme revised as per the suggestions

Employer, Alumni	Students should have self learning attitude to meet demanding industry needs and rapid technological changes	To inculcate the habit of self learning and as per UGC norms., MOOC courses of credits 3-6 should be introduced. Faculty was asked to map their courses with online platforms like swayam etc.	Course(s) equivalent to 3-6 credits will be offered as Moocs (Massive open online courses) on platforms like SV/AYAM, Coursera, edX etc.	3-6 credits are being offered as MOOC courses in all schemes.	Implemented
Students, Parent	Less Contact Hours	Contact hours should be reduced so that students can focus on their all round development and participat in more extra curricular activities and focus on practical learning through project work.	To be approved in ACC	class contact hours are limited to 25 hrs/week.	Implemented in timetable


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Action taken report for Academic year 2018-19

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meeting (with date 13/2/2018, 28/3/2018, 2/4/2018, 31/5/2018, 13/8/2018)	Action taken by BOS meeting (with date 21.07.2018 & 04.01.2019,02.02.2019)	Action taken by ACC meeting (with date 03.11.2018 & 16.03.2019)	Any other comments
Student, Teacher, Alumni, Employer	<ol style="list-style-type: none"> 1. specialization should be offered to get deep knowledge in particular field. 2. Inline with the upcoming trend of IOT systems, every student should be able to Apply practical knowledge on IoT sensors, microcontrollers, networks, cloud computing and machine learning to develop IoT systems. 3. students should be able to Analyse and interpret the future trends associated with IoT devices and its various components. 4. The Btech degree must have specializations like IOT with ECE etc 	Two New schemes were discussed for Specializations with BTECH ECE. One is IOT and second is VLSI. Subjects were allocated to faculty in the basis of their expertise to modify them as per the latest scheme to be proposed.	Discussion and approval of new schemes and syllabi for two new specializations inn ECE branch, ECE-IOT & ECE-VLSI	<p>The department proposes to offer ECE program with two specialization tracks i.e. Internet of Things (IoT), Embedded systems and VLSI design to meet current and future industry needs for specialized manpower.</p> <p>In order to offer the benefit of Specialization to the Students going to third semester i.e. second year of their B.Tech programs, the Schemes of 2018 have also been aligned to new schemes of 2019. This is feasible because first year of both the Schemes is same.</p>	<p>All major points were discussed and approved in BOS/ACC.</p> <p>The entire scheme has been modified to offer the Two specializations i.e. BTech IOT & BTech VLSI</p>
Teacher, Alumni, Employer	<ol style="list-style-type: none"> 1. students must Interpret unique ways of communication between the human world and physical devices. 2. Students must Develop the concepts of automation during the design cycle phase by compiling on Linux OS and using Scripting Languages. 3. They should Use the embedded and VLSI tools and technologies to meet the real world challenges and propose suitable solution for them. 	Faculty was asked by HOD to introduce mini projects in all lab based courses.	Focus of all the specializations is project based delivery.	Approved in BOS	The project based delivery requirement has been ensured by incorporating mini projects and component based learning.

Alumni, Teacher, Students	Student dont get time for extra curricular activities	To groom the overall personality and professional-personal growth of the student, GP should be made mandatory in each semester. Students should be encouraged to participate in sports, extra curricular activities etc.	General Proficiency should be a part of the every semester to facilitate the overall growth of the students	Approved in BOS	Implemented
Employer , Alumni	1. Students should concentrate on one field at a time for deeper learning aspects. 2. Students should be motivated for Self-learning	Hod asked faculty to map their courses with courses from online platforms like swayam, NPTEL etc to inculcate self learning among students.	Every specialized course has some components through MOOC.	Approved in BOS	Implemented


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(Dean Academics)

Action taken report for Academic year 2019-20

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meetings(30/5/2019, 19/7/2019, 18/9/2019, 18/10/2019)	Action taken by BOS meeting (with date 13/02/20)	Action taken by ACC meeting (with date 19/10/19)	Any other comments
Students, Teacher	project work can be completed till 7 th sem, hence can showcase work done during placement activities	It was discussed that in case students gets an opportunity for internship in 8 th sem, then he/she can avail it in lieu of major project. It will add to his/her industry exposure and chances of PPO increase.	Provision given in 8th Sem for industry internships in lieu of Major Project	All points were discussed & approved in Respective BOS meetings	All points were discussed & approved in Respective BOS/ACC meetings
Teacher, Alumni	skill development courses should be given some credit	To encourage students to enhance their professional skills, credits may be allocated to skill development courses.	1 credit is included for the skill development course in 5th semester.	All points were discussed & approved in Respective BOS meetings	All major points were considered and approved in BOS/ACC.
Teacher, student	Industry level skills should be part of curriculum.	Summer inhouse training can be allocated some credits so that students can pay more attention and do more hands-on through projects.	Introduction of Summer in-house training with 1 credit for first year students.	All points were discussed & approved in Respective BOS meetings	Scheme modified and summer inhouse training has been allocated one credit.
Teacher, Employer	MOOC courses to be included in scheme to promote self learning. Students must develop self learning attitude.	VC sir enquired about the MOOC courses running in the deptt, more electives to be offered as MOOC courses and one lab to reserved for MOOC courses.	Increase in number of Open Elective courses to five courses (15 credits) which are MOOC courses.	All points were discussed & approved in Respective BOS meetings	Deptt. identified more Elective courses to be run as MOOC courses.

Students, Employer, Alumni	Latest Courses like IOT, Embedded systems design, Cyber security, big data etc should be included in scheme. More elective courses to be offered as part of scheme.	Faculty discussed that Scheme can be modified and specializations can be offered through track based electives as per the current industry needs.	One common scheme with specializations offered as tracks based on Programme electives. Two specialization options: Internet of Things (IOT) & Embedded Systems and VLSI Design. Flexibility to study courses from different specialization.	All points were discussed & approved in Respective BOS meetings	Scheme is modified as per the directions
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Dr Anjali Garg
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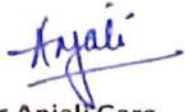

Prof Swaran Ahuja
(Dean Academics)

Action taken report for Academic year 2020-21

Stakeholder	Major Feedback Comments	Action taken by departmental faculty meetings (10.7.20, 22.10.20, 5.12.20, 4.1.20, 17.2.20, 15.3.20, 15.5.20)	Action taken by BOS meeting (with date 24.11.20, 3.5.21, 16.7.21)	Action taken by ACC meeting (with date 16.9.20, 08.5.21,)	Any other comments
Students, Teacher	<p>International exposure to the practice problems should be there.</p> <p>To Enhance the courses with ASU content</p>	The course ECL255 DE&CA is selected by the deptt, to be enhanced with the ASU content, Case studies to be added and course to be designed with Canvas.	syllabus of ECL255, Digital Electronics & Computer Architecture course enhanced with content of ASU course EEE120, Digital Fundamentals.	All points were discussed & approved in Respective BOS meetings	All points were discussed & approved in Respective BOS/ACC meetings
Teacher	As per the national Education Policy, CS hours should be included in the scheme.	<p>Rules for community service were discussed in detail.</p> <p>Students of current final year to not involve in Community Service due to placement activities and less time.</p> <p>Students having summer internships shall complete seven days of mandatory community service as a part of their Summer Internship.</p>	In line with the NEP 2020, A total of 140 volunteer hours per student per year are mandatory through participation in various online and offline activities, projects undertaken and internships attended.	NEP-2020 and Its Implementation At The Northcap University. University has to be either research intensive or teaching intensive and several other highlights as given in NEP-2020 document releases by Govt of India.	Implemented in the scheme.

Alumni, Employer, Faculty	For placement perspective of freshers, Core VLSI courses must be More practical oriented.	For VLSI specialization, Deptt decided that VLSI CAD & Algorithms ECL 366 course can be enhanced for practical content. The core concepts such as floor planning, placement & routing, static timing analysis should be included in the syllabus. The proposed name for the enhanced course is VLSI Physical design .	VLSI CAD & Algorithms ECL 366 course of embedded systems & VLSI design is updated to make it more practical. Practical contents such as floor planning, placement & routing, static timing analysis have been added.	Point Approved in BOS and implemented in the scheme	All points considered and modifications being done in the updated scheme.
Faculty	With the schemes being revised, there is need to revisit PSO and PO of the schemes	The newly framed PSO and PO of B.Tech and M.Tech schemes were discussed and revised as per the comments of all.	Revision of PSO and PO have been done both in B.Tech and M.Tech schemes.	Point Approved in Respective BOS.	Implemented in the scheme
Alumni, Employer	Part time M.Tech programme should be promoted to facilitate working professionals.	Part time M.tech with three year duration can be floated for working professionals. Specializations can be VLSI Design & Communication Engineering.	Modification in M.Tech (Electronics and Communication Engineering) Scheme for offering in part time mode only and making it more relevant and useful for the working professionals.	Point Approved in Respective BOS.	Implemented in the scheme
Students, External experts	Course outcome to be aligned with practical content	NCU curriculum has adequacy of practical content and for EECE dept., percentage of credits for practical content in	Approved and implemented at Deptt level.	Approved and implemented at Deptt level.	Implemented in the scheme

Scheme is approx. 34.7%, and the percentage of subjects with practical content is approx. 67.44%. In all the templates, course outcomes are revisited as per the practical content.



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(BOS Coordinator)



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(Dean Academics)