

## SCHOOL OF ENGINEERING

### COMPUTER AND COMMUNICATION ENGINEERING

Ref. No: PU/SOE/CCE/BOS-10/2019-20

Date: 17th January 2020

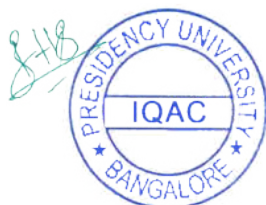
Action taken Report on Curriculum Feedback- 10<sup>th</sup> BOS

#### Feedback from Student and action taken report

Sl No.	Feedback	Action Taken
1	Special technical & aptitude training classes are required which are specific to the placement companies.	The Presidency University L&D team is giving the required training Programme.
2	Applicability/relevance of curriculum in real life situations can be increased	Teachers made efforts to relate the curriculum with real life situations
3	Training for how to effectively prepare for personal interview and group discussions during recruitment were suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strengthened. Activities that will enhance the communication skills of the students were encouraged.

#### Feedback from Faculty and action taken report

Sl No.	Feedback	Action Taken
1	Faculties requested for updating the e-resources and books in the library	Created a list of books and e-resources which are relevant to teaching. A summary report has been submitted to library head.
2	It is suggested to add new programming languages as value added courses	2 New programming languages were introduced
3	More focus on interdisciplinary research.	The students and faculty members are involved in interdisciplinary research. The students are encouraged to interdisciplinary projects and Innovative projects.



### Feedback from Employer and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1	Introduction of specialization in programme matching with industry and global trends.	Created a list books and e-resources which are relevant to teaching. A summary report has been submitted to library head.  Proposal is given to include the programme.
2	Knowledge gathering on Programming paradigms is required for the graduates to excel in the industry.	Teachers were given instructions to ensure enhancement of Programming skills of the students.
3	Implement practical skill and additional value-added sessions and include software updates on designing the curriculum.	2 Practical courses and 7 value-added courses were included.
4	Suggested to improve Creativity and problem-solving ability in students.	Design project may be retained in order to invoke design thinking in students. A course on Design Engineering may be introduced in the second year to facilitate innovative thinking

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised.

Few new courses (Annexure 2) were also included based on the feedback received from stakeholders

#### Annexure – 1

#### **List of Courses in which Content Revision is undertaken for the Academic Year 2019-20 (B.Tech-Computer and Communication Engineering)**

SI No.	COURSE	Course Code	Credits
1	Digital Design Lab	CSE 252	1
2	Database Management Systems Lab	CSE 253	1
3	Software Engineering and Project Management	CSE 227 /CSE 2014	3

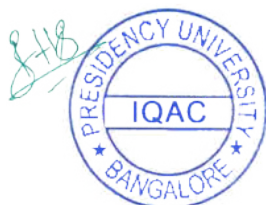
#### Annexure – 2

#### **No New Courses included for the Academic Year 2019-20 (B.Tech-Computer and Communication Engineering)**



**Assoc. Dean-CS**

REGISTRAR



**SCHOOL OF ENGINEERING**

**COMPUTER ENGINEERING**

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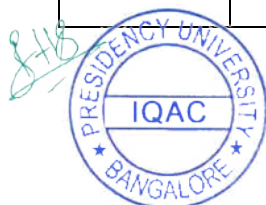
Action taken Report on Curriculum Feedback- 10<sup>th</sup> BOS

**Feedback from Student and action taken report**

Sl No.	Feedback	Action Taken
1	Exposure to develop entrepreneurial skills and innovative career plans were suggested.	2 Events were organized where Entrepreneurs shared their experience and journey of startups.
2	Proper notes should be provided & availability of books in library	Students have full access to library and their student portal as well. the books with latest edition have been installed in the library.
3	Training for how to effectively prepare for personal interview and group discussions during recruitment were suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strengthened. Activities that will enhance the communication skills of the students were encouraged.

**Feedback from Faculty and action taken report**

Sl No.	Feedback	Action Taken
1	Curriculum must be choice-based credit system. Practical based courses should be introduced in the curriculum for better learning experiences.	3 Practical based courses were introduced for better learning process.
2	University should provide support for seed projects initiated by faculty	As per the University policy for seed project funding, Faculty Members have been asked for the proposals for seed money.
3	More focus on interdisciplinary research.	The students and faculty members are involved in interdisciplinary research. The students are encouraged to interdisciplinary projects and Innovative projects.



### Feedback from Employer and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1	Subject knowledge of the students to be fair employer was entirely dissatisfied with the students' subject knowledge	With regard to subject knowledge, the response of the employers was by and large satisfactory. The committee felt that the steps already initiated towards improvement in teaching pedagogy would further help in this direction.
2	Suggestion to enhance general communication skills	Teachers were given instructions to ensure enhancement of communication skills of the students.
3	The recruiters from IT companies and other industries suggested that the students need to be more participative and work with teams more effectively	The soft skill training focused more on participative games and team building.

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised. Few new courses (Annexure 2) were also included based on the feedback received from stake holders

#### Annexure – 1

#### **List of Courses in which Content Revision is undertaken for the Academic Year 2019-20 (B.Tech-Computerr Engineering)**

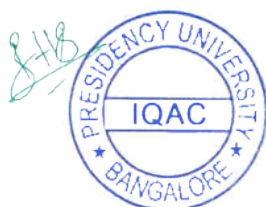
SI No.	COURSE	Course Code	Credits
1	Database Management Systems Lab	CSE 253	1
2	Software Engineering and Project Management	CSE 227 / CSE2014	3

#### Annexure – 2

#### **No New Courses included for the Academic Year 2019-20 (B.Tech- Computer Engineering)**



**Assoc. Dean-CSE**



**SCHOOL OF ENGINEERING**

**COMPUTER SCIENCE AND ENGINEERING**

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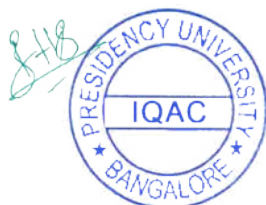
Action taken Report on Curriculum Feedback- 10<sup>th</sup> BOS

**Feedback from Student and action taken report**

SI No.	Feedback	Action Taken
1	Special technical & aptitude training classes are required which are specific to the placement companies.	The Presidency University L&D team is giving the required training Program me.
2	Suggested for Diverse teaching learning methods like group discussion, class discussion, case study etc.	Faculties were instructed to implement this teaching learning methods.
3	Training for how to effectively prepare for personal interview and group discussions during recruitment were suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strengthened. Activities that will enhance the communication skills of the students were encouraged.

**Feedback from Faculty and action taken report**

SI No.	Feedback	Action Taken
1	University to encourage more faculty for consultancy and industry projects	University has recognized previous work of teachers regarding consultancy/ projects to encourage faculty members for the same.
2	Training programs should be conducted for the students in emerging areas.	Hands on training for different software's must be included.
3	More focus on interdisciplinary research.	The students and faculty members are involved in interdisciplinary research. The students are encouraged to interdisciplinary projects and Innovative projects.



### Feedback from Alumni and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1.	To conduct webinars for skill development towards entrepreneurship.	5 Seminars and webinars were organized.
2.	Suggested to introduce new programs to satisfy the industry needs and market demand.	13 New courses were included in the curriculum to satisfy the industry needs.
3.	Some constructions were going on at the Institution and requested to finish it as soon as possible.	Completed the construction work.

### Feedback from Employer and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1	Students need to improve their communication skill and programming knowledge.	Focus is given on enhancing student communication skill and programming skills
2	Suggested that curriculum should have still more practical approach especially in technology	Under taken more experiential teaching learning process
3	Suggestion to promote work environment for team work	Teachers were given instructions to ensure promotion of work environment in the form of team work.



Based on the feedback received from stakeholders, related courses (Annexure 1) were revised.  
Few new courses (Annexure 2) were also included based on the feedback received from stakeholders

**Annexure – 1**

**No Courses in which Content Revision is undertaken for the Academic Year 2019-20 (B.Tech- Computer Science and Engineering)**

**Annexure – 2**

**List of New Courses included for the Academic Year 2019-20 (B.Tech- Computer Science and Engineering)**

<b>S. No.</b>	<b>COURSE</b>	<b>Course Code</b>	<b>Credits</b>
1.	<i>Machine learning</i>	<i>CSE 319</i>	<i>3</i>
2.	<i>Parallel Computing</i>	<i>CSE 305 / CSE 3088</i>	<i>3</i>
3.	<i>Distributed Systems</i>	<i>CSE368/CSE 2052</i>	<i>3</i>
4.	<i>Social Network Analytics</i>	<i>CSE 297/CSE404</i>	<i>3</i>
5.	<i>Software Architecture</i>	<i>CSE 314 / CSE3089</i>	<i>3</i>
6.	<i>Introduction to Bio Informatics</i>	<i>CSE 325/CSE 3069</i>	<i>3</i>
7.	<i>Data Analytics Using R</i>	<i>CSE 299</i>	<i>3</i>



**Assoc. Dean-CSE**



**SCHOOL OF ENGINEERING**

**INFORMATION SCIENCE AND ENGINEERING**

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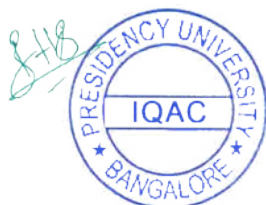
Action taken Report on Curriculum Feedback- 10<sup>th</sup> BOS

**Feedback from Student and action taken report**

Sl No.	Feedback	Action Taken
1	To organize the national level and international level seminar, conference and workshops.	5 Seminars and workshops were organized
2	Introduction of new course to enhance skill development among the students for a seamless progression to employment and higher studies	13 New courses were introduced for the development of student's employment
3	Training for how to effectively prepare for personal interview and group discussions during recruitment were suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strengthened. Activities that will enhance the communication skills of the students were encouraged.

**Feedback from Faculty and action taken report**

Sl No.	Feedback	Action Taken
1	Staff members can be allowed to attend FDP programs during the semester in premier institutions.	The management encouraged staff members to attend FDP programs during semester based on the quality of the program.
2	It is suggested to add new programming languages as value added courses	2 New programming languages were introduced
3	Bridge the gap between industry standards, requirement of online resources required in teaching with research activities. Some new books and journals were requested by the faculties. Few workshops and FDPs were also requested.	4 Workshops and FDP's were organized.





### Feedback from Employer and action taken report

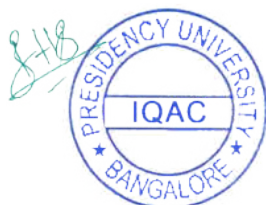
Sl. No	Feedback/Suggestions	Action Taken
1	Employers from Education stated that the students are strong in their domain knowledge, however need to be aware on the current trends	Access to books and self-learning software are made available.
2	Suggestion to enhance general communication skills	Teachers were given instructions to ensure enhancement of communication skills of the students.
3	The Employers from IT companies and other industries suggested that the students need to be more participative and work with teams more effectively	The soft skill training was conducted to improve

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised. Few new courses (Annexure 2) were also included based on the feedback received from stake holders

#### **Annexure – 1**

**List of Courses in which Content Revision is undertaken for the Academic Year 2019-20 (B.Tech – Information science and Engineering)**

S. No.	COURSE	Course Code	Credits
1	Internet of Things	CSE 220	3
2	Cloud Computing	CSE 306	3
3	Image Processing	CSE 395	3
4	Parallel Computing	CSE 305	3



**Annexure – 2**

**List of New Courses included for the Academic Year 2019-20 (B.Tech – Information Science and Engineering)**

<b>S. No.</b>	<b>COURSE</b>	<b>Course Code</b>	<b>Credits</b>
1	Calculus and Linear Algebra	MAT 101	3
2	Engineering Physics	PHY 101	4
3	Elements of Electrical Engineering	EEE 101	3
4	Elements of Civil Engineering	CIV 101	3
5	Engineering Graphics	MEC152	4
6	Environmental Science and Disaster Management	CIV 102	3
7	Humanities-II	ENG 1XX	3
8	Computer Programming	CSE 151	4
9	Engineering Chemistry Lab	CHE 151	1
10	Effective Communication	PPS 106	1
11	Calculus, Differential Equations and Complex Variables	MAT 102	4
12	Engineering Physics Lab	PHY 151	1
13	Workshop Practice	MEC 151	3



**Assoc. Dean-CSE**



**SCHOOL OF ENGINEERING**

**INFORMATION SCIENCE AND TECHNOLOGY**

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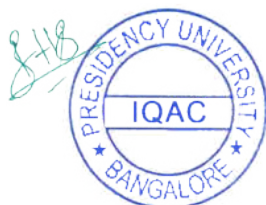
Action taken Report on Curriculum Feedback- 10<sup>th</sup> BOS

**Feedback from Student and action taken report**

Sl No.	Feedback	Action Taken
1	More practical sessions need to be included, so the faculty members were instructed by the that students are industry ready.	Head of institution to conduct more practical oriented sessions
2	Applicability/relevance of curriculum in real life situations can be increased	Teachers made efforts to relate the curriculum with real life situations
3	Training for how to effectively prepare for personal interview and group discussions during recruitment were suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strengthened. Activities that will enhance the communication skills of the students were encouraged.

**Feedback from Faculty and action taken report**

Sl No.	Feedback	Action Taken
1	Faculty requested for more research oriented programmes to be conducted in their allied subjects	University has conducted many FDPs, Workshops and similar programs and planning for more such events.
2	Curricular revision should be done to introduce more skill based courses	Curricula have been revised to include more skill-based courses
3	More focus on interdisciplinary research.	The students and faculty members are involved in interdisciplinary research. The students are encouraged to interdisciplinary projects and Innovative projects.



### Feedback from Employer and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1	They highlighted the importance to improve upon the domain knowledge to meet the emerging societal needs.	Acquaintance with technical/ teaching skill and knowledge, adequacy of necessary communication skills to meet the job requirements, ability to find immediate practical solutions for field problems.
2	Suggestion to enhance general communication skills	Teachers were given instructions to ensure enhancement of communication skills of the students.
3	Recruiters suggested that the students are be strong in their aptitude skills, as it is the first level of the interview process	Intensive training on aptitude training was planned for the next academic year.

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised. Few new courses (Annexure 2) were also included based on the feedback received from stake holders

#### Annexure – 1

#### **List of Courses in which Content Revision is undertaken for the Academic Year 2019-20 (B.Tech- Information Science and Technology)**

SI No.	COURSE	Course Code	Credits
1	Digital Design Lab	CSE 252	1
2	Database Management Systems Lab	CSE 253	2
3	Software Engineering and Project Management	CSE 227 / CSE 2014	3

#### Annexure – 2

#### **List of New Courses included for the Academic Year 2019-20 (B.Tech – Information Science and Technology)**

SI No.	COURSE	Course Code	Credits
1	Data Structures	CSE 201 / CSE 2006	3
2	Data Structures Lab	CSE 251	2
3	Analysis of Algorithms	CSE 212 / CSE 2007	3
4	Network Programming Lab	CSE 262 / CSE 257	2
5	Analysis of Algorithms Lab	CSE 255	1

