



SCHOOL OF ENGINEERING

FEEDBACK ON CURRICULUM, 2020-21

Program: B. Tech - Computer Science and Engineering (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

[CAI]

Ref. No: PU/SOE/CSE-CAI/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Action taken Report on Curriculum Feedback- 11th Bos

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	As Computer Science Engineering is having a lot of practical relevance, the curriculum may be equipped with latest laboratory technologies.	It is proposed to include mini projects in all core engineering courses to improve practical experience.
2	Design the lab curriculum in such a way that the students can get more hands-on experience.	It is proposed to include 3 industry relevant lab experiment to make the students industry ready for better placements
3	More value added courses may be conducted to improve the soft skills / technical skills.	7 Value added programs are scheduled for the AY 2020-21 even semester
4	Instead of giving assignments in each subject, mini projects can be included in the continuous assessment evaluation	It is already in practice and it is decided to include for all core engineering subjects
5	Certification training programs from the industry is to be conducted	Few students are undertaking certification training program from PRDC and students are encouraged to participate more training programs.
6	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.





Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Course can be simplified to cover with more depth. Project component in most of the courses can be increased.	The department is planned to give 3 courses with more depth Understanding.
2	It is suggested to implement the best practices of industry in our curriculum so that the students are employable.	CSE dept. has Experts from Industry in BoS committee, and we take suggestions and include their recommendations in our curriculum. Advisory committee is formulated to meet the above suggestions
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/suggestions from Employer and action taken report

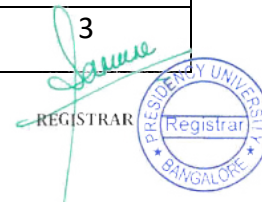
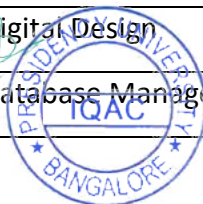
Sl. No.	Feedback	Action Taken
1	The syllabus of the subjects needs to be updated as per industry standards	Syllabus is updated and sent to DAC for approval
2	Students should have hands on experience in the labs	Labs session and Hands on experience is implemented

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 2020-21 (B.Tech CSE-AI and ML Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Database Management Systems	CSE207/CSE298	3



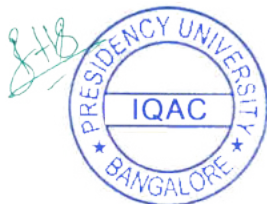


3	Microprocessors and Microcontrollers-Lab	CSE 254	1
4	Principle of Artificial Intelligence	CSE308/CSE228	3
5	Digital Image Processing	CSE395	3
6	Theory of Computations	CSE208	4
7	Distributed Systems	CSE368	3
8	Social Network Analysis	CSE404	3
9	Programming in Advanced Java	CSE301	3
10	Software Architecture	CSE314	3
11	Compiler Design	CSE217	4
12	Data Mining	CSE307	3
13	Computer Organization and Architecture	CSE205/CSE203	4
14	Discrete Mathematics	CSE203	4
15	Data Communications and Computer Networks	CSE2011	3
16	Software Testing and Quality Assurance	CSE396	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE-AI and ML Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Advanced Java	CSE2035	3
2	Object Oriented analysis and Design with UML	CSE3082	4
3	Fundamentals of Data Analytics	CSE2027	3
4	Artificial Intelligence and Machine Learning	CSE3001	3
5	Digital and Mobile Forensics	CSE3099	3



Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) [CCS]

Ref. No: PU/SOE/ISE/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students 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 conducting the required training Programme.
2	Certification training programs from the industry is to be conducted	Students are encouraged to participate in training programs.
3	More value-added courses may be conducted to improve the soft skills / technical skills.	Already in place and shall include more 7 value-added courses for next academic year.

Feedback/suggestions from Faculty and action taken report

Sl. No.	Feedback	Action Taken
1	Lab oriented sessions can be introduced.	3 Lab oriented courses will be added for next AY.
2	Training on value added courses to be provided to students.	Suggestion will be considered. Plan to organize such training programs.

Feedback/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	More practical oriented subjected to be introduced.	The Department shall offer courses in the suggested fields. 3 Lab oriented courses will be added for next AY.
2	Training on new software technologies to be provided to students.	Suggestion will be considered. Plan to organize such training programs.





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

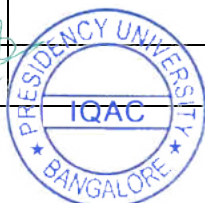
List of Courses in which Content Revision is undertaken for the Academic Year 2020-21 (CCS(Gen)Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Java	CSE2008	3
2	Design and Analysis of Algorithms	CSE2007	1
3	Database Management Systems	CSE2012	4
4	DATA STRUCTURES	CSE2006	4
5	Discrete Mathematical Structures	CSE2016	3
6	Theory of Computation	CSE2018	2
7	No SQL Databases	CSE2024	3
8	Big data Security and Privacy	CSE3034	3

Annexure – 2

List of New Courses included for the Academic Year 2021-22 (CCS Gen Program)

S.No.	COURSE	Course Code	Credits
1	Computer Organization and Architecture	CSE2009	3
2	Operating Systems	CSE2010	3
3	Data Communications and Networking	CSE2011	3
4	Cyber Forensics	CSE2037	3
5	Software Engineering	CSE2014	3
6	Artificial Intelligence and Machine Learning	CSE3001	3
7	Ethical Hacking	CSE2039	3
8	Web Security	CSE3097	3
9	Web Technologies	CSE2006	3





10	Cloud Computing	CSE2013	3
11	Cyber Threats for IoT and Cloud	CSE2040	3
12	Intrusion Detection and Prevention System	CSE3145	3

Assoc. Dean – CSE

Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND TECHNOLOGY (Big Data) [CBD]

Ref. No: PU/SOE/CBD/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students 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 conducting the required training Programme.
2	Certification training programs from the industry is to be conducted	Students are encouraged to participate in training programs.
3	More value-added courses may be conducted to improve the soft skills / technical skills.	Already in place and shall include more 7 value added courses for next academic year.

Feedback/suggestions from Faculty and action taken report

Sl. No.	Feedback	Action Taken
1	More practical oriented subjected to be introduced.	The Department shall offer courses in the suggested fields. 3 Lab oriented courses will be added for next AY.





2	Training on new software technologies to be provided to students.	Suggestion will be considered. Plan to organize such training programs.
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Feedback/suggestions from Employer and action taken report

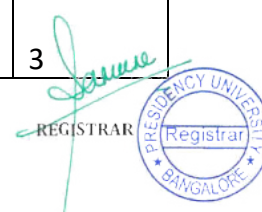
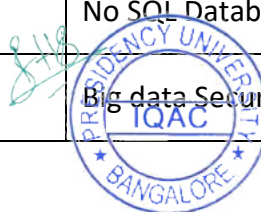
Sl. No.	Feedback	Action Taken
1	More practical oriented subjected to be introduced.	The Department shall offer courses in the suggested fields. 3 Lab oriented courses will be added for next AY.
2	Training on new software technologies to be provided to students.	Suggestion will be considered. Plan to organize such training programs.

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 2020-21 (CBD (Gen) Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Java	CSE2008	3
2	Design and Analysis of Algorithms	CSE2007	1
3	Database Management Systems	CSE2012	4
4	DATA STRUCTURES	CSE2006	4
5	Discrete Mathematical Structures	CSE2016	3
6	Theory of Computation	CSE2018	2
7	No SQL Databases	CSE2024	3
8	Big data Security and Privacy	CSE3034	3





Annexure – 2

List of New Courses included for the Academic Year 2021-22 (CBD Gen Program)

Sl. No.	COURSE	Course Code	Credits
1	Computer Organization and Architecture	CSE2009	3
2	Operating Systems	CSE2010	3
3	Data Communications and Computer Networks	CSE2011	3
4	Big Data Technologies	CSE3002	3
5	Software Engineering	CSE2014	3
6	Artificial Intelligence and Machine Learning	CSE3001	3
7	Cloud Computing	CSE2013	3
8	Web Technologies	CSE2067	3
9	Web Intelligence and Analytics	CSE3031	3
10	Streaming data Analytics	CSE3032	3

Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE & TECHNOLOGY [CIT]

Ref. No: PU/SOE/CST/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

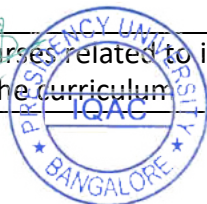
Sl. No.	Feedback	Action Taken
1	Design the lab curriculum in such a way that the students can get more hands-on experience.	It is proposed to include industry relevant lab experiment to make the students industry ready for better placements
2	More value-added courses may be conducted to improve the soft skills / technical skills.	7 Value added programs are scheduled for the AY 2020-21 even semester

Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Technical skills exclusive to the industrial requirements need to be incorporated.	The department is planned to give training from Core engineering industries.
2	More focus on computer languages before the start of placement session	Languages (PERL and PYTHON) currently being taught in the final year will be shifted to third year, after approval in BOS.

Feedback/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Multi-disciplinary courses need to be implemented	Students have the option of selecting discipline and open electives of their choice
2	Courses related to industrial needs to be added in the curriculum	The Department offers courses in the suggested fields



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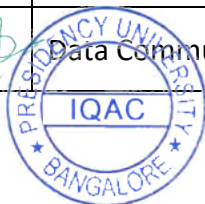


Based on the feedback received from stakeholders, related courses (Annexure 1) were revised. Few new courses (Annexure 2) were also included based on the feedback received from stakeholders.

Annexure – 1

List of Courses in which Content Revision is undertaken for the Academic Year 2020-21 (B.Tech CST Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Database Management Systems	CSE207	3
3	Theory of Computations	CSE208	4
4	Principle of Artificial Intelligence	CSE308	3
5	Digital Image Processing	CSE395	3
6	Distributed Systems	CSE368	3
7	Social Network Analysis	CSE404	3
8	Programming in Advanced Java	CSE301	3
9	Software Architecture	CSE314	3
10	Compiler Design	CSE217	4
11	Data Mining	CSE307	3
12	Computer Organization and Architecture	CSE205	4
13	Discrete Mathematics	CSE203	4
14	Data Communications and Computer Networks	CSE2011	3





15	Software Testing and Quality Assurance	CSE396	3
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Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CST Program)

S. No.	COURSE	Course Code	Credits
1	Programming in Advanced Java	CSE2035	3
2	Object Oriented analysis and Design with UML	CSE3082	4
3	Fundamentals of Data Analytics	CSE2027	3
4	Artificial Intelligence and Machine Learning	CSE3001	3
5	Digital and Mobile Forensics	CSE3099	3

Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - INFORMATION SCIENCE AND TECHNOLOGY (IST)

Ref. No: PU/SOE/IST/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	Few courses to be offered through NPTEL/ MOOC's.	We offered 5 NPTEL Courses for students & Faculty.
2	Open Ended or Virtual Lab practical to be added for the practical subject.	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.

Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Faculty training to be provided on recent technologies & areas	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.
2	Peer teacher's scheme should be implemented in every semester	It has been taken into consideration
3	Open Ended or Virtual Lab practical to be added for the practical subject.	Virtual Lab has been used for practicals of DBMS, Computer Network.



Feedback from Employer and action taken report





Sl. No.	Feedback	Action Taken
1	Need to improve core engineering problems and their understanding on implementing using new software	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.
2	Should train for real time example and approach to solve them	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.

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 2020-21 (B.Tech IST Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE 202	3
2	Computer Organization	CSE223	3
3	Database Management Systems	CSE207	3
4	Theory of Computation	CSE208	4
5	Microprocessors and Micro Controllers Lab	CSE 254	1
6	Principles of Artificial Intelligence	CSE 228	3
7	Data Structures	CSE201	3
8	Analysis of Algorithms Lab	CSE255	1
9	Machine learning	CSE 319	3





Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech IST Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Java	CSE 2008	3
2	Storage Area Networks	CSE2054	3

Assoc. Dean – CSE

Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - INFORMATION SCIENCE AND ENGINEERING (ISE)

Ref. No: PU/SOE/ISE/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	Instead of giving assignments in each subject, mini projects can be included in the continuous assessment evaluation	It is already in practice and it is decided to include for all core engineering subjects
2	Certification training programs from the industry is to be conducted	15 students are undertaking certification training program from PRDC and students are encouraged to participate more training programs.
3	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.



Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	It is suggested to implement the best practices of industry in our curriculum so that the students are employable.	CSE dept. has Experts from Industry in BoS committee, and we take suggestions and include their recommendations in our curriculum. Advisory committee is formulated to meet the above suggestions.
2	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/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Need to improve core engineering problems and their understanding on implementing using new software	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.
2	Should train for real time example and approach to solve them	Hands-on-Training has been regularly conducted for Student & Faculty on Modern Software Tools & Programming Language.

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 2020-21 (B.Tech ISE Program)

S.No.	COURSE	Course Code	Credits
1	Software Engineering and Project Management	CSE227	3
2	Theory of Computations	CSE 2018	3
3	Computer Organization and Architecture	CSE2009	4
4	Database Management Systems	CSE 2074	3
5	Principle of Artificial Intelligence	CSE3001	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech ISE Program)

S.No.	COURSE	Course Code	Credits
1	Data Communication and Networking	CSE2011	4

Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND ENGINEERING (IoT)

Ref. No: PU/SOE/IOT/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Sl. No.	Feedback	Action Taken
1	Students requested to change/remove in the course content and shuffle subjects.	Appropriate action has been taken as per the request after the analysis.
2	Students requested to reserve a day in a week for project work for final year students.	The feedback is analyzed and decided Saturday is reserved for the project and thesis work

Feedback from Students and action taken report

Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Faculties suggested incorporation of virtual / e-learning content	The department will focus on the usage of e-content and its development.

Feedback/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	The syllabus of the subjects needs to be updated as per industry standards	Syllabus is updated and sent to DAC for approval
2	Students should have hands on experience in the labs	3 Labs session and Hands on experience is implemented

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 2020-21 (B.Tech CSE-IOT Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Database Management Systems	CSE207	3
3	Theory of Computations	CSE208	4
4	Principle of Artificial Intelligence	CSE308	3
5	Digital Image Processing	CSE395	3
6	Distributed Systems	CSE368	3
7	Social Network Analysis	CSE404	3
8	Programming in Advanced Java	CSE301	3
9	Software Architecture	CSE314	3
10	Compiler Design	CSE217	4
11	Data Mining	CSE307	3
12	Computer Organization and Architecture	CSE205	4
13	Discrete Mathematics	CSE203	4
14	Data Communications and Computer Networks	CSE2011	3
15	Software Testing and Quality Assurance	CSE396	3





Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE-IOT Program)

S. No.	COURSE	Course Code	Credits
1	Programming in Advanced Java	CSE2035	3
2	Object Oriented analysis and Design with UML	CSE3082	4
3	Computer Graphics	CSE2066	3
4	Artificial Intelligence and Machine Learning	CSE3001	3
5	Digital and Mobile Forensics	CSE3099	3

Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND TECHNOLOGY (DevOps) [CDV]

Ref. No: PU/SOE/CDV/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Sl. No.	Feedback	Action Taken
1	Instead of giving assignments in each subject, mini projects can be included in the continuous assessment evaluation	It is already in practice and it is decided to include for all core engineering subjects
2	Certification training programs from the industry is to be conducted	13 students are undertaking certification training program from PRDC and students are encouraged to participate more training programs.
3	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.

Feedback from Students and action taken report

Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Incorporation of more industry-oriented courses to improve the student employability and knowledge of current industrial trends.	Introduction of 5 new courses like marine biotechnology, computational biology etc. as a part of the course curriculum was put up in the internal BOS for further approval
2	Faculties recommended that workshops and seminars can help students understand the current trends.	It was decided that more number of workshops will be organized with talks/lectures by experts in different fields for the benefit of the students.





Feedback/suggestions from Employer and action taken report

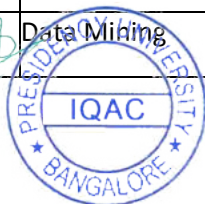
Sl. No.	Feedback	Action Taken
1	More Emphasis should be there on communication	Career skills introduced from 3rd semester onwards.
2	More focus on Practical aspect should	2 Practical session related to using new software is proposed

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 2020-21 (B.Tech CSE- Devops Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Database Management Systems	CSE207	3
3	Theory of Computations	CSE208	4
4	Principle of Artificial Intelligence	CSE308	3
5	Digital Image Processing	CSE395	3
6	Distributed Systems	CSE368	3
7	Social Network Analysis	CSE404	3
8	Programming in Advanced Java	CSE301	3
9	Software Architecture	CSE314	3
10	Compiler Design	CSE217	4
11	Data Mining	CSE307	3





12	Computer Organization and Architecture	CSE205	4
13	Discrete Mathematics	CSE203	4
14	Data Communications and Computer Networks	CSE2011	3
15	Software Testing and Quality Assurance	CSE396	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE-Devops Program)

S. No.	COURSE	Course Code	Credits
1	Programming in Advanced Java	CSE2035	3
2	Data Communication and Computer Networks	CSE2011	4
3	Object Oriented analysis and Design with UML	CSE3082	4
4	Digital and Mobile Forensics	CSE3099	3
5	Graph Theory and Combinatorics	CSE2017	3
6	Agile structures and Frame Works	CSE3040	3
7	Applied DevOps	CSE3042	3
8	Automated Test Management	CSE3043	3
9	Development Automation	CSE3045	3
10	DevOps Tools Internals	CSE3046	3

Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER ENGINEERING (COM)

Sl. No.	Feedback	Action Taken
1	Students suggested to add more electives and MOOC's in the current curriculum.	Forwarded to DAAC for further discussion and closure.
2	Design the lab curriculum in such a way that the students can get more hands-on experience.	It is proposed to include industry relevant lab experiment to make the students industry ready for better placements
3	More value added courses may be conducted to improve the soft skills / technical skills.	7 Value added programs are scheduled for the AY 2020-21 even semester
4	Instead of giving assignments in each subject, mini projects can be included in the continuous assessment evaluation	It is already in practice and it is decided to include for all core engineering subjects
5	Certification training programs from the industry is to be conducted	Few students are undertaking certification training program from PRDC and students are encouraged to participate more training programs.
6	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.

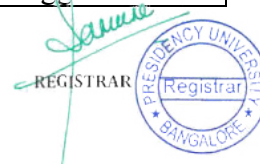
Ref. No: PU/SOE/CSE-CE/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Course can be simplified to cover with more depth. Project component in most of the courses can be increased.	The department is planned to give 2 courses with more depth Understanding.
2	It is suggested to implement the best practices of industry in our curriculum so that the students are employable.	CSE dept. has Experts from Industry in BoS committee, and we take suggestions and include their recommendations in our curriculum. Advisory committee is formulated to meet the above suggestions





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.
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Feedback/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Developing team building character among students	Planning to incorporate the same
2	Practicability of each course must be given more importance	More and More Practical sessions will be handled.
3	Offering specialization in Programming need to be considered	Planned to offer more Hands-on in program as per the current demand in the field of CSE
4	More practical enabled courses or hands on sessions maybe implemented to fulfill present job requirements/technologies.	Will work on that and will be approved in next BOS. Several MOUs are being considered to address this area.

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 2020-21 (B.Tech CSE-CE Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE 202	3
2	Discrete Mathematics	CSE 203	4
3	Computer Organization and Architecture	CSE205	4
4	Database Management Systems	CSE 207	3





5	Theory of Computations	CSE 208	3
6	Microprocessors and Microcontrollers-Lab	CSE 254	1
7	Software Engineering and Project Management	CSE 227	3
8	Principle of Artificial Intelligence	CSE 308	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE-CE Program)

S.No.	COURSE	Course Code	Credits
1	Digital and Mobile Forensics	CSE 3099	3

Assoc. Dean – CSE

Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND ENGINEERING(DATA SCIENCE) [CDS]

Ref. No: PU/SOE/CSE-DS/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	New technologies like NS3, cloud computing, big data must be included in the curriculum.	Feedback and Suggestion discussed and implemented in BOS meeting
2	Latest programming languages python & android must be included in the curriculum.	Feedback and Suggestion discussed and implemented in BOS meeting





Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	It is suggested to implement the best practices of industry in our curriculum so that the students are employable.	CSE dept. has Experts from Industry in BoS committee, and we take suggestions and include their recommendations in our curriculum. Advisory committee is formulated to meet the above suggestions.
2	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/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Employer suggested to develop entrepreneurial skills as well as technical skills which help them to identify students potential	Entrepreneurship workshop and technical enhancement was conducted by the Department for B.Tech students.
2	Some courses were suggested by employer to remove from curriculum and another courses to be include instead of them	According to the suggestion of Employer as per the market demand are removed. So this feedback was analyzed on high priority basis

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 2020-21 (B.Tech CSE-Data Science Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Database Management Systems	CSE207/CSE298	3
3	Software Engineering and Project Management	CSE 2227	3





4	Theory of Computations	CSE208	3
5	Digital Image Processing	CSE395	3
6	Distributed Systems	CSE368	3
7	Social Network Analysis	CSE404	3
8	Programming in Advanced Java	CSE301	3
9	Software Architecture	CSE314	3
10	Compiler Design	CSE217	4
11	Data Mining	CSE307	3
12	Computer Organization and Architecture	CSE205/CSE223	4
13	Discrete Mathematics	CSE203	4
14	Introduction to Combinatorics and Graph Theory	CSE209	4
15	Software Testing and Quality Assurance	CSE396	3
16	Data Communication and Computer Networks	CSE211	4
17	Graph Theory and Combinatorics	CSE2017	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE-Data Science Program)

S. No.	COURSE	Course Code	Credits
1	Programming in Advanced Java	CSE2035	3
2	Object Oriented analysis and Design with UML	CSE3082	4
3	Fundamentals of Data Analytics	CSE2027	3
4	Artificial Intelligence and Machine Learning	CSE3001	3
5	Digital and Mobile Forensics	CSE3099	3



Assoc. Dean – CSE





Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND ENGINEERING (CSE)

Ref. No: PU/SOE/CSE/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	As Computer Science Engineering is having a lot of practical relevance, the curriculum may be equipped with latest laboratory technologies.	It is proposed to include mini projects in all core engineering courses to improve practical experience.
2	Design the lab curriculum in such a way that the students can get more hands-on experience.	It is proposed to include industry relevant lab experiment to make the students industry ready for better placements
3	More value added courses may be conducted to improve the soft skills / technical skills.	7 Value added programs are scheduled for the AY 2020-21 even semester
4	Instead of giving assignments in each subject, mini projects can be included in the continuous assessment evaluation	It is already in practice and it is decided to include for all core engineering subjects
5	Certification training programs from the industry is to be conducted	13 students are undertaking certification training program from PRDC and students are encouraged to participate more training programs.
6	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.





Feedback/suggestions from Faculty Members and action taken report

Sl. No.	Feedback	Action Taken
1	Technical skills exclusive to the industrial requirements need to be incorporated.	The department is planned to give training from Core engineering industries.
2	It is suggested to implement the best practices of industry in our curriculum so that the students are employable.	CSE dept. has Experts from Industry in BoS committee, and we take suggestions and include their recommendations in our curriculum. Advisory committee is formulated to meet the above suggestions
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/suggestions from Alumni and action taken report

Sl. No.	Feedback	Action Taken
1	As students, curriculum designed should be more appropriate for industrial needs, which makes students industry ready and no special training is required	Curriculum can accommodate the topics under consideration which are said.
2	More number of industrial visits have to take place	The Department has put in place a team to organize such visits. We have already had such visits this semester.
3	Offering specialization in Programming need to be considered	Planned to offer more Hands-on in program as per the current demand in the field of CSE
4	More practical enabled courses or hands on sessions maybe implemented to fulfill present job requirements/technologies.	Will work on that and will be approved in next BOS. Several MOUs are being considered to address this area.





Feedback/suggestions from Employer and action taken report

Sl.No.	Feedback	Action Taken
1	Multi-disciplinary courses need to be implemented	Students have the option of selecting discipline and open electives of their choice
2	Courses related to industrial needs to be added in the curriculum	The Department offers courses in the suggested fields

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 2020-21 (B.Tech CSE Program)

S.No.	COURSE	Course Code	Credits
1	Digital Design	CSE202	3
2	Software Engineering and Project Management	CSE227	3
3	Microprocessors and Microcontrollers-Lab	CSE 254	1
4	Machine learning	CSE319	3
5	Principle of Artificial Intelligence	CSE 308 / CSE 228	3
6	Image Processing	CSE395	3
7	Theory of Computations	CSE 208	3
8	Problem Solving Using Python	CSE258	3
9	Distributed Systems	CSE368	3
10	Programming in Advanced Java	CSE301	3
11	Social Network Analysis	CSE404	3
12	Software Architecture	CSE314	3



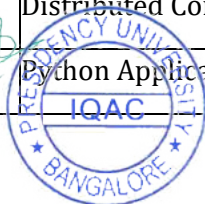


13	Data Mining	CSE307	3
14	Compiler Design	CSE217	4
15	Computer Organization and Architecture	CSE205/CSE223	4
16	Discrete Mathematics	CSE203	4
17	Introduction to Combinatorics and Graph Theory	CSE209	4
18	Analysis of Algorithms Lab	CSE 255	1
19	Human Computer Interaction	CSE 218	3
20	Computer Networks	CSE211	3
21	Software Testing and Quality Assurance	CSE396	3
22	Data Analytics Using R	CSE299	3
23	Database Management Systems	CSE207/CSE298	3

Annexure – 2

List of New Courses included for the Academic Year 2020-21 (B.Tech CSE Program)

S.No.	COURSE	Course Code	Credits
1	Data Communication and Networking	CSE2011	4
2	Programming in C++	CSE2036	3
3	Advanced Biometrics	CSE3069	3
4	Advanced Computer Networks	CSE3070	3
5	Computer Vision	CSE3071	3
6	Quantum Computing	CSE3080	3
7	Object Oriented analysis and Design with UML	CSE3082	4
8	Real Time operating system	CSE3085	3
9	Distributed Computing	CSE3087	3
10	Python Application Programming	CSE2004	3





11	Web design fundamentals	CSE2005	3
12	Artificial Intelligence and Machine Learning	CSE3001	3
13	Digital and Mobile Forensics	CSE397	3

Assoc. Dean – CSE

Action taken Report on Curriculum Feedback- 11th Bos

Program: B. Tech - COMPUTER SCIENCE AND ENGINEERING (B LOCK CHAIN) [CBC]

Ref. No: PU/SOE/CST/ATR/BOS-11/2020-21

Date: 15th Sep 2020

Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	Design the lab curriculum in such a way that the students can get more hands-on experience.	It is proposed to include industry relevant lab experiment to make the students industry ready for better placements
2	More value-added courses may be conducted to improve the soft skills / technical skills.	7 Value added programs are scheduled for the AY 2020-21 even semester

Feedback/suggestions from Faculty and action taken report

Sl. No.	Feedback	Action Taken
1	More practical oriented subjected to be introduced.	The Department shall offer courses in the suggested fields. Lab oriented courses will be added for next AY.
2	Courses related to industrial needs to be added in the curriculum.	The Department shall offer courses in the suggested fields.





Feedback/suggestions from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	More practical oriented subjected to be introduced.	The Department shall offer courses in the suggested fields. Lab oriented courses will be added for next AY.
2	Training on new software technologies and more related courses to be provided to students.	Suggestion will be considered. Plan to organize such training programs.

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 2020-21 (BLOCKCHAIN Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Java	CSE2008	3
2	Design and Analysis of Algorithms	CSE 2007	3
3	Database Management Systems	CSE 2012	4
4	Web Technology	CSE2006	3
5	Data Structures and Algorithms	CSE2001	4
6	Computer Organization and Architecture	CSE2009	3
7	Problem Solving using JAVA	CSE1001	3
8	Artificial Intelligence and Machine Learning	CSE3001	3





Annexure – 2

List of New Courses included for the Academic Year 2021-22 (BLOCKCHAIN Program)

S.No.	COURSE	Course Code	Credits
1	Programming in Java	CSE2008	3
2	Design and Analysis of Algorithms	CSE 2007	3
3	Discrete Mathematical Structures	CSE 2016	3
4	Data Communications and Networking	CSE2011	3
5	Theory of Computation	CSE2018	3
6	Artificial Intelligence and Machine Learning	CSE3001	3
7	Information System Audit	CSE2055	3
8	Storage Area Networks	CSE2054	3
9	Cloud Computing	CSE2013	3
10	Firewall and Internet Security	CSE2058	3
11	Enterprise Network Design	CSE2053	3
12	Mobile Networking	CSE2059	3

Assoc. Dean – CSE

