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PRESIDENCY GROUP OVER 40 YEARS OF ACADEMIC WISDOM

SCHOOL OF ENGINEERING
DEPARTMENT OF CSE-Artificial Intelligence

Ref. No: PU/SOE/CSE-AI/ATR/BOS-12/2021-22 Date: 26-07-2021

Action taken Report on Curriculum Feedback- 12th Bos

Feedback from Alumni and action taken report

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.

Sl. No.	Feedback	Action Taken
1	More focus should be given for startups and more weightage should be given for employability	Career skills introduced from 3rd semester on wards and discussed the same in the BoS
2	The gap between industry requirement and academics should be considered	Discussed in BoS and decided to conduct more workshops and hands-on sessions on latest tools and programming languages.

Annexure – 1

List of Courses in which Content Revision is undertaken for the Academic Year 2021-22 (M Tech CSE-AI Program)

S. No	*COURSE*	*Course Code*	*Credits*
1	Soft Computing	CSE374/CSE5013	4
2	Artificial Neural Networks	CSE6009/CSE362	3
3	Big Data Analytics Tools and Techniques	CSE6003/CSE459	3
4	Machine Learning Algorithms	CSE5007/CSE367	3

Annexure – 2

List of New Courses included for the Academic Year 2021-22 (M Tech CSE-AI Program)

S. No.	*COURSE*	*Course Code*	*Credits*
1	Programming for Artificial Intelligence	CSE370	4
2	Machine Learning	CSE372	4
3	Automated Reasoning and Verification	CSE371	4
4	Agent Based Intelligent Systems	CSE373	3
5	Deep Neural Networks	CSE375	4
6	Pattern Recognition	CSE449	3
7	AI & Internet of Things	CSE383	4
8	Machine Vision	CSE376	3
9	Natural Language Processing	CSE466	3

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Feedback from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Suggested to have more expert talk from the industry experts and need to conduct workshop on recent trends in the emerging field	Invited experts from industry and conducted talks in the emerging field and conducted workshops on recent trends in AI
2	More focus on communication skills and personality development	Decided to conduct special training for the students.

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Annexure – 1

List of Courses in which Content Revision is undertaken for the Academic Year 2021-22 (M Tech CSE-AI Program)

Annexure – 2

List of New Courses included for the Academic Year 2021-22 (M Tech CSE-AI Program)

Sl. No.	Feedback	Action Taken
1	To promote the use of online resources and increase the number of research publications	Encouraged students to use more online materials to gain additional knowledge on the subject and made compulsory to have at least one publication as part of their final projects.
2	Faculty development programs has to be conducted to improve the skills of the faculty members	Special training has given to selected faculty members and those faculties trains the other members in the fraternity.

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Feedback from Faculty and action taken report

S. No	*COURSE*	*Course Code*	*Credits*
1	Soft Computing	CSE374/CSE5013	4
2	Artificial Neural Networks	CSE6009/CSE362	3
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Feedback from Students and action taken report

Sl. No.	Feedback	Action Taken
1	More practical oriented courses has to be conducted	Discussed in the BoS and additional care has been given to include more lab oriented courses
2	Visits to the premier institutions are required	Students are allowed to visit premier institutions and get knowledge about the best practices.

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SCHOOL OF ENGINEERING
DEPARTMENT OF CSE-Data Science

Ref. No: PU/SOE/CSE-DS/ATR/BOS-12/2021-22 Date: 26-07-2021

Action taken Report on Curriculum Feedback- 12th Bos

Feedback from Alumni and action taken report

Sl. No.	**Feedback**	**Action Taken**
1	Skillsets of the students has to be improved and special attention has to be given for personality development	To further enhance student quality a set of skill series was conducted with help of industry experts with a special focus on imparting personality development and employability skills.
2	More exposure on field has to be encouraged.	Students were provided international exposure through a student exchange program

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 2021-22 (M.Tech CSE-DS Program)

S. No.	***COURSE***	***Course Code***	***Credits***
1	Machine Learning Algorithms	CSE5007/CSE367	3
2	Programming in Data Science	CSE5008/CSE363	3
3	Data Analytics and Visualization	CSE5009/CSE368	3
4	Data Science with Cloud Computing	CSE5011/CSE366	3
5	Soft Computing Techniques	CSE5013/CSE374	3
6	Artificial Neural Networks	CSE6009/CSE362	3
7	Deep Learning	CSE6001/CSE462	3
8	Natural Language Processing Techniques	CSE6002/CSE466	3
9	Big Data Analytics Tools and Techniques	CSE6003/CSE459	3

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Annexure – 2

List of New Courses included for the Academic Year 2021-22 (M.Tech CSE-DS Program)

S. No.	*COURSE*	*Course Code*	*Credits*
1	Programming Essentials in Python	CSE5004	3
2	Time Series Analysis and Forecasting	CSE6004	3
3	Intelligent Information Retrieval	CSE6005	3
4	IOT Data Analytics	CSE6007	3
5	Probabilistic Graph Models	CSE6008	3
6	Social Network Analysis	CSE6010	3
7	Application of Probability theory in Computer Science	CSE6011	3
8	Data Security and Access Control	CSE5015	3
9	Essentials of Machine Learning	CSE5016	3
10	NoSQL Databases	CSE5017	3
11	Probabilistic Graph Models	CSE6008	3

Feedback from Employer and action taken report

Sl. No.	Feedback	Action Taken
1	Industry exposure has to be given during the study itself	Greater collaborations with a number of industries to provide a more comprehensive and enriching internship programs for the students.
2	Special attention has to be given for the holistic development of the students	The university curriculum promotes experiential learning and implements innovative techniques to deliver a holistic learning experience to its students with a view to enriching them with the required career and human skill sets to achieve all-around success in their lives and enable them to contribute as worthy global citizens

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Feedback from Faculty and action taken report

Sl. No.	Feedback	Action Taken
1	Programming ability of the students' needs to be improved	It is decided to include more projects and research activities as part of the program
2	Orientation towards research has to be improved	Research cell of the institute encourages teachers to motivate students to undertake research in their area of interest. Teachers are encouraged to motivate students in publishing their research work at appropriate forums

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2	Time Series Analysis and Forecasting	CSE6004	3
3	Intelligent Information Retrival	CSE6005	3
4	IOT Data Analytics	CSE6007	3
5	Probabilistic Graph Models	CSE6008	3
6	Social Network Analysis	CSE6010	3
7	Application of Probability theory in Computer Science	CSE6011	3
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Feedback from Students and action taken report

Sl. No.	**Feedback**	**Action Taken**
1	Need more collaborative experience	Collaborations were instituted with a number of foreign institutions to enable a greater number of students to avail the benefit of the student exchange program
2	Need help to understand how to conduct research and related activities	A number of workshops on exposing students to the art of conducting professional research were conducted for students.

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Assoc. Dean – CSE

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