**Analysis of Feedback from Visiting/Internal Faculty on Curriculum Design and Development**

**Specific Questionnaire pertaining to AR20**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| S No | Aspects | SA | ALE | A | ASE | D | % |
| 1 | Do you agree for the introduction of fundamental core courses in first year to facilitate better understanding of circuit related courses and develop affinity towards the department? | 27 | 9 | 2 | 0 | 0 | 91.28 |
| 2 | Do you agree that introduction of courses on emerging areas such as Artificial Intelligence, Cyber Security and IoT would create better employability opportunities for the students?  | 25 | 11 | 3 | 0 | 0 | 91.28 |
| 3 | Do you agree for the introduction of activity oriented non-laboratory courses such as English for Effective Communication, English for Career Development, Logical Reasoning English for Professional Success, would improve employability skills of the students? | 22 | 14 | 3 | 0 | 0 | 89.74 |
| 4 | Do you agree that introduction of activity based course, the Design thinking, would help the students in bringing out innovation and creativity in them to find engineering solutions for the societal problems?  | 25 | 9 | 4 | 0 | 0 | 91.05 |
| 5 | Do you agree that inclusion of courses such as Object Oriented Programming and Web Programming would help the students in acquiring better programming skills? | 26 | 7 | 6 | 0 | 0 | 90.26 |
| **Questionnaire on General Aspects pertaining to AR20** |
| S No | Aspects | SA | ALE | A | ASE | D | % |
|  | Employability is given adequate weightage in curriculum design and development. | 28 | 10 | 1 | 0 | 0 | 93.85 |
|  | Curriculum promotes thinking process in the student, facilitates faculty to inculcate/foster creativity and innovation in students  | 20 | 19 | 0 | 0 | 0 | 90.26 |
|  | Curriculum has reasonable number of multidisciplinary courses thereby facilitates students to obtain liberal and holistic education | 21 | 15 | 3 | 0 | 0 | 89.23 |
|  | Curriculum has adequate practical component that facilitates laboratory experiences for the student to gain experimental learning, designing projects and explore through problem/project based learning | 20 | 11 | 8 | 0 | 0 | 86.15 |
| 1. 6.
 | Curriculum provides students with a broad understanding of basic concepts of various courses, as well as facilitates them to acquire contemporary skills required by industry | 14 | 24 | 1 | 0 | 0 | 86.67 |
|  | Program Structure is well organized with links progressing from one course to another course steadily for a good comprehension of all courses | 21 | 15 | 3 | 0 | 0 | 89.23 |
|  | Foundation courses provide a basis for professional competence and the required knowledge to focus on a particular specialization upon graduation, in the work environment or in subsequent higher education | 17 | 16 | 6 | 0 | 0 | 85.64 |
|  | Curriculum facilitates student to acquire skills to be communicator, collaborator, and leader | 18 | 18 | 1 | 2 | 0 | 86.67 |
|  | The system followed by the college for the design and development of curriculum is effective and curriculum has been updated from time to time. | 26 | 13 | 0 | 0 | 0 | 93.33 |
|  | Curriculum facilitates functioning of a student as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. | 19 | 16 | 2 | 2 | 0 | 86.67 |

Suggestions Given by the stakeholders:

1. Most of the stakeholders are suggested to introduce courses on emerging areas such as Artificial Intelligence, Cyber Security and IoT for better employability opportunities.
2. Majority of the stakeholders suggested to introduce Object Oriented Programming and Web Programming courses to help the students in acquiring better programming skills.
3. Most of the stake holders agreed to have more activity oriented English courses and Design thinking course.

**Action Taken Report on Feedback collected on curriculum Design and Development**

 Feedback from various stakeholders is received on curriculum design and development, suggestions given by the stakeholders are discussed in BOS meeting and are incorporated in the curriculum as given below.

|  |  |  |
| --- | --- | --- |
| **Sl.No** | **Suggestions offered** | **Action taken** |
| 1 | To introduce Artificial Intelligence, Cyber Security and IoT courses | The three courses are introduced as Mandatory Courses in AR20 curriculum |
| 2 | To offer Object Oriented Programming and Web Programming courses  | Both the courses are offered as core courses in AR20 Curriculum |
| 3 | To offer more activity oriented English Courses and Design Thinking course. | Four activity oriented English courses and one Design Thinking course are introduced in AR20 curriculum |