**Analysis of Feedback from Visiting/InternalFacultyon Curriculum Design and Development**

**Specific Questionnaire pertaining to AR16**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Aspects | | SA | | ALE | | A | | ASE | | D | % |
| 1 | Do you agree that introduction of labs in some Mathematic Courses improve problem solving and program skills of students? | | 17 | | 10 | | 1 | | 0 | | 1 | 88.97 |
| 2 | Do you agree that introduction of 5 Theory and 3 Laboratory courses per semester provides a better experiential learning to the students? | | 25 | | 3 | | 0 | | 1 | | 0 | 95.86 |
| 3 | Do you agree that inclusion of more Professional Electives and Open Electives makes the students to work in multidisciplinary environment? | | 19 | | 7 | | 2 | | 1 | | 0 | 90.34 |
| 4 | Do you agree that the introduction of Gender Sensitization, and Human Values and Professional Ethics help the students in developing a broad perspective and responsibility towards society? | | 8 | | 13 | | 7 | | 1 | | 0 | 79.31 |
| 5 | Do you concur for the inclusion ofnew laboratory courses in the fields of VLSI, and Embedded Systems to facilitate students in getting better opportunities/jobs in core areas? | | 23 | | 6 | | 0 | | 0 | | 0 | 95.86 |
| 6 | Do you agree for the introduction of Major Project in IV B.Tech - I Semester, that facilitates students to spend more time on Project? | | 15 | | 11 | | 3 | | 0 | | 0 | 88.28 |
| **Questionnaire on General Aspects pertaining to AR16** | | | | | | | | | | | | |
| S No | | Aspects | SA | ALE | | A | | ASE | | D | | % |
|  | | Employability is given adequate weightage in curriculum design and development. | 20 | 8 | | 1 | | 0 | | 0 | | 93.10 |
|  | | Curriculum promotes thinking process in the student, facilitates faculty to inculcate/foster creativity and innovation in students | 19 | 10 | | 0 | | 0 | | 0 | | 93.1 |
|  | | Curriculum has reasonable number of multidisciplinary courses thereby facilitates students to obtain liberal and holistic education | 17 | 6 | | 5 | | 1 | | 0 | | 86.9 |
|  | | Curriculum has adequate practical component that facilitates laboratory experiences for thestudent to gain experimental learning, designing projects and explore through problem/project based learning | 17 | 7 | | 5 | | 0 | | 0 | | 88.28 |
| 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 | 18 | 11 | | 0 | | 0 | | 0 | | 92.41 |
|  | | Program Structure is well organized with links progressing from one course to another course steadily for a good comprehension of all courses | 15 | 13 | | 1 | | 0 | | 0 | | 89.66 |
|  | | 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 | 12 | 13 | | 4 | | 0 | | 0 | | 85.52 |
|  | | Curriculum facilitates student to acquire skills to be communicator, collaborator, and leader | 15 | 12 | | 0 | | 2 | | 0 | | 87.59 |
|  | | The system followed by the college for the design and development of curriculum is effective and curriculum has been updated from time to time. | 20 | 8 | | 1 | | 0 | | 0 | | 93.1 |
|  | | Curriculum facilitates functioning of a student as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. | 14 | 10 | | 3 | | 2 | | 0 | | 84.83 |

Suggestions Given by the stakeholders:

1. A vast majority of the stakeholders agreed to introduce 5 theory courses and 3 Laboratory courses in AR16 curriculum
2. A large number of the stakeholders suggested to offer Professional Electives and open electives
3. Most of the faculty agreed to include new laboratory courses in the fields of VLSI, and Embedded Systems to facilitate students in getting better opportunities/jobs in core areas

**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 5 theory courses and 3 Laboratory courses | In each semester, 5 theory and 3 Laboratory courses introduced in AR16 curriculum |
| 2 | To offer Professional Electives and open electives | 4 Professional Elective courses, 2 Soft Core Courses and 4 Open elective courses are offered in AR16 Curriculum |
| 3 | To include new laboratory courses in the fields of VLSI, and Embedded Systems | VLSI Lab, Digital Design through Verilog HDL lab and Embedded Systems Lab are introduced in AR16 Curriculum |