



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

**BHARATH INSTITUTE OF HIGHER EDUCATION
AND RESEARCH**

IQAC
CURRICULUM
FEEDBACK REPORT

SCHOOL OF BIO ENGINEERING

2018 -2019

SCHOOL OF BIO ENGINEERING

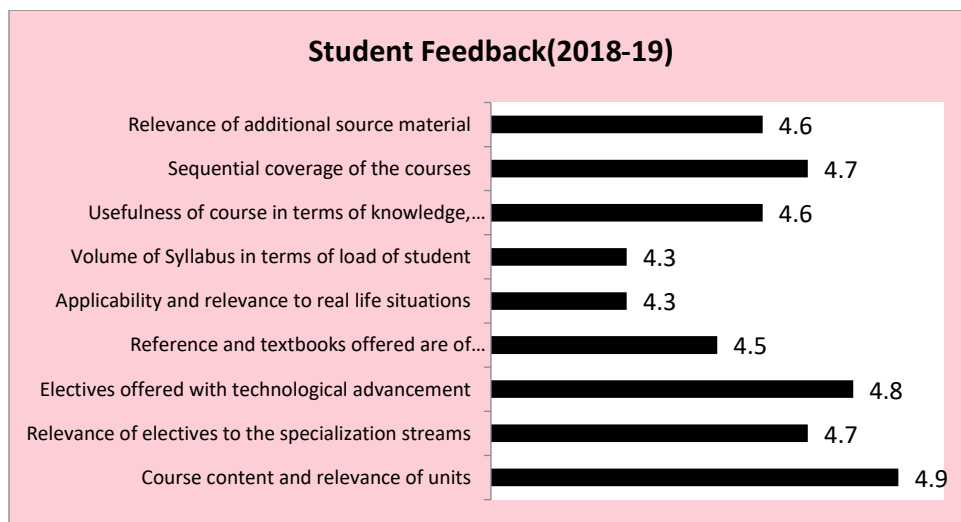
- ✓ **B. TECH - BIO TECHNOLOGY GENETIC**
- ✓ **B. TECH - BIO TECHNOLOGY AGRICULTURE**
- ✓ **B. TECH - BIO MEDICAL ENGINEERING**
- ✓ **B. TECH - INDUSTRIAL BIO TECHNOLOGY**
- ✓ **M.TECH - BIO MEDICAL ENGINEERING**
- ✓ **M.TECH - INDUSTRIAL BIO TECHNOLOGY**

FEEDBACK REPORT – 2018 – 2019

Feedback plays a major role in providing successful value education. Any institution that imparts feedback system in all the levels provides an insight on ways to improve the institution towards excellence. This feedback is captured from various stakeholders including students, teachers, employer, alumni and parents. All the feedback is analyzed through five-point rating scale. The maximum score is 5 and the minimum score is one, where 5 indicates Excellent, 4 means good, 3 indicates Average, 2 indicates Below Average and 1 indicates Poor.

STUDENT FEEDBACK

Students are the foundation for any institution to achieve refinement in quality education. The feedback obtained from them will enable better understanding of their expectations from the institution. This also can facilitate a better learning environment taking into consideration all the facilities that are essential for the successful implementation of the programme.

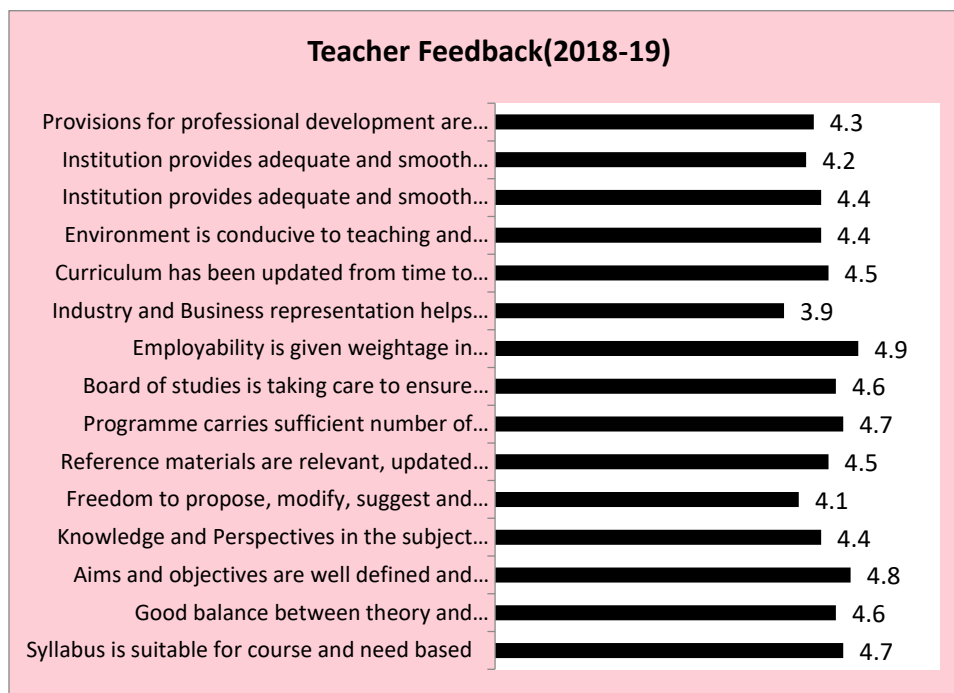


- The content offered in the course and relevance of units are satisfying (4.9/5)
- Many of them say that the offering of the electives in terms of their relevance to the specialization streams are sufficient (4.7/5)
- It is observed that the electives offered are with technological advancements (4.8/5)
- Relevance of reference and textbooks are of international recognition (4.5/5)
- The courses offered are more applicable and relevant to real life situation (4.3/5)

- Almost all the students agree that the volume of the syllabus offered are equal to the load of the student (4.3/5)
- The usefulness of the course in terms of knowledge, concepts, vocational skills, analytical abilities and broadening perspectives are phenomenal (4.6/5)
- The courses offered are in sequential order (4.7/5)
- There is absolute relevance of additional source material (4.6/5)

TEACHER FEEDBACK

Teachers play a major role creating excellence in imparting knowledge and skills within the students. They focus on delivering curriculum taking into account, various limitations and challenges that the students can face in the future. Feedback obtained from them facilitates various pedagogical approaches in par with technological advancements. This will also facilitate the provision of supporting aids that are essential for efficient functioning of the programme.



- The Syllabus covered is suitable for course and need based (4.7/5)
- There exists balance between theory and application in a vast manner (4.6/5)
- The aims and objectives of the syllabi are well defined and clear to both teachers and students (4.8/5)

- The courses offered in the curriculum increases knowledge and perspectives in the respective subject areas (4.4/5)
- There exists a freedom for all the teachers to propose, modify, suggest and incorporate new topics in the syllabus (4.1/5)
- The books prescribed/listed as reference materials are relevant, updated and appropriate that facilitates quality education (4.5/5)
- The course and the programme of studies carries a sufficient number of optional papers (4.7/5)
- Most of them feel that the Board of studies is taking care to ensure the concurrence and relevance of the programme being offered (4.6/5)
- Employability is given weightage in curriculum design and development (4.9/5)
- Business and industry representation in Boards of studies helps design and improve the courses (3.9/5)
- The curriculum has been updated from time to time. (4.5/5)
- Almost everyone feels that the environment in the department is conducive to teaching and research (4.4/5)
- The institution provides adequate funding and support to faculty members for upgrading their skills and qualification (4.4/5)
- Adequate and smooth support for projects and research facilities are offered at the institution (4.2/5)
- Provisions for professional development are non-discriminatory and fair and there is a extensive growth for an individual within the premises (4.3/5)

EMPLOYER FEEDBACK

Employer's feedback is more essential since they establish clearly defined standards and protocols that is more crucial for existence in the job market. They help the teachers and the institution to mould an individual in a holistic approach to achieve success in the competitive job market.

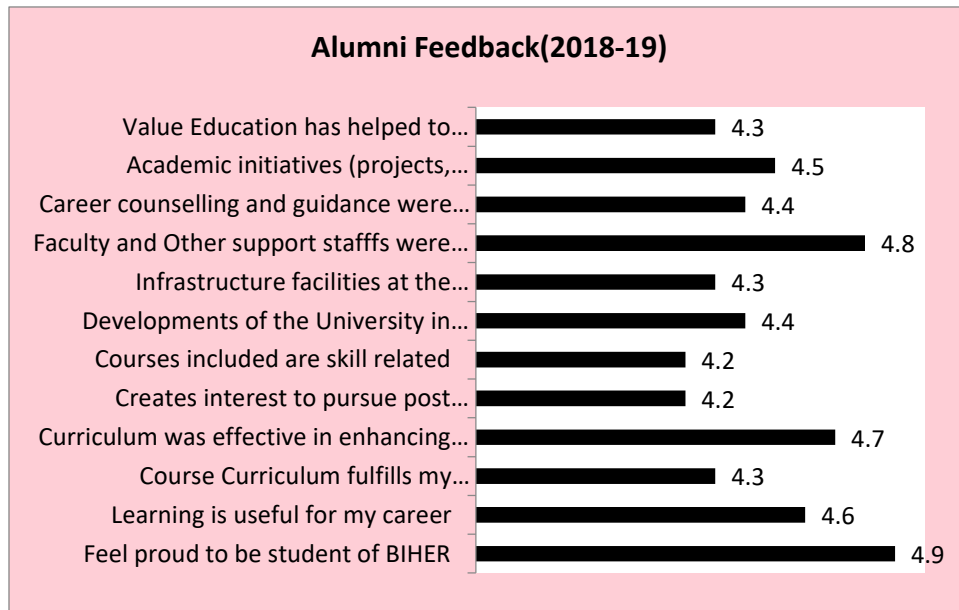
Employer Feedback(2018-19)



- Most of the employers feel that the course objectives and modules are defined and structured in a logical sequence (4.7/5)
- It is clearly evident that the emphasis laid in the curriculum emphasizes on both fundamental and latest developments (4.8/5)
- Major focus is established in a balanced manner in both theory and application-oriented concepts (4.1/5)
- Many of them feel that the electives and value-added courses are of varied options (4.1/5)
- Technical and Communication skills are very well incorporated within the curriculum (4.8/5)
- Almost all of the courses in the curriculum impart knowledge and skills that are more specific for the job market (4.3/5)
- There is an effective incorporation of computer skills and other soft skills needed for employment (4.5/5)
- Includes project, dissertation, in-plant training and field visit for real life experiential learning (4.3/5)
- The scope for acquiring employable and entrepreneurial skills is more adequate (3.9/5)
- Curriculum includes human values and ethics (4.2/5)

ALUMNI FEEDBACK

An alumnus plays multiple roles towards achieving success in higher education. They not only establish recognition for the institution, but also facilitate internship and career opportunities for their junior fellow students. They provide meaningful and mutual benefits for an institution over time.

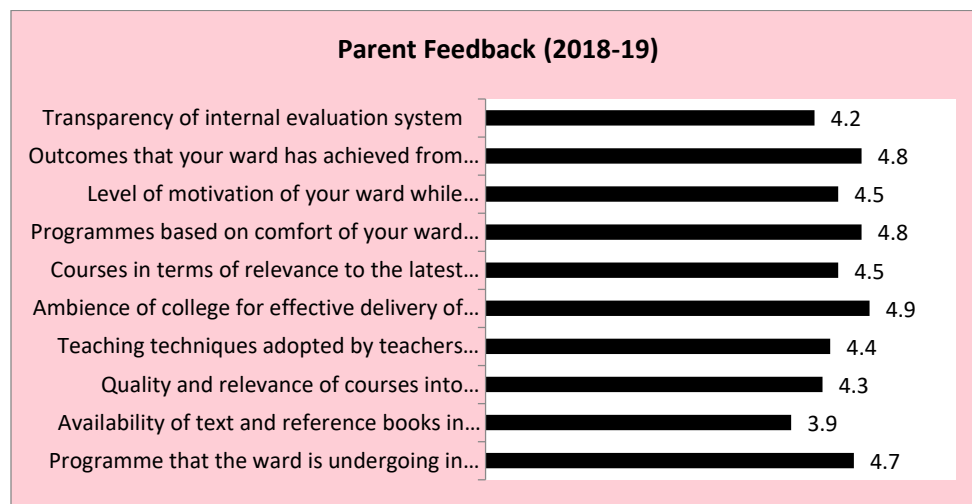


- The Alumni feel proud to be part of the Bharath Institute of Higher Education and Research (4.9/5)
- The learning that is achieved through this institution is more beneficial for growth in career (4.6/5)
- Most of the alumni feel that the offered course curriculum design fulfilled their expectations (4.3/5)
- It is more evident that the curriculum was effective in enhancing team-working abilities and developing problem-solving and analytical skills (4.7/5)
- The syllabus created inculcates interest to pursue post-graduation/research in the particular field (4.2/5)
- More of skill related courses are also included in the programme (4.2/5)
- The growth and development initiatives in the recent years are more convincing and appreciative (4.4/5)

- There are adequate infrastructural facilities offered at the institution (4.3/5)
- The teaching and non-teaching staffs offer extended support and are helpful and cooperative (4.8/5)
- Most of the alumni feel that the guidance and career counseling offered are more effective and fulfilling towards the growth of their career (4.4/5)
- Academic initiatives taken by the University in the form of projects, seminars, workshop, etc., improve the knowledge of the students (4.5/5)
- Value Education imparted in the University has helped to improve life skills (4.3/5)

PARENT FEEDBACK

Institutional goals and objectives are focused towards the development of the students. Still, parents also play a vital role in assessing their ward's performance off the premises that might go unnoticed. Their suggestions and feedback will enhance any institution to customize the curriculum according to societal needs.



- Programme that the ward is undergoing in terms of load of courses in different semesters has been assessed in its better quality by many parents (4.7/5)
- There are major sources available for text and reference books in market (3.9/5)
- Quality and relevance of courses into semester are more fulfilling and convincing (4.3/5)
- Teaching techniques adopted by teachers with respect to syllabus are more focused (4.4/5)

- Most of the parents rate that there is better ambience maintained within the college for effective delivery of academic programmes (4.9/5)
- Courses offered are more relevant to the latest technology or future technology (4.5/5)
- Programmes are well organized that it falls into the ambit as well as based on comfort of their ward in coping with workload (4.8/5)
- Parents believe that the level of motivation supported to their ward while undergoing programme are highly commendable (4.5/5)
- They also express that the outcomes that their ward has achieved from courses are appreciable (4.8/5)
- There exists transparency in the internal evaluation system throughout the programme (4.2/5)



(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

Shawath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

School of Bio Engineering

Action Taken Report

2018-2019

- ❖ Faculty members are encouraged to use various teaching methodologies available in the department, such as the Smart Board, and to encourage students to work on in-house projects.
- ❖ Students and faculty members are encouraged to participate in research activities, including paper publication and patent filing. More activities will be organized by the department to motivate the faculty.
- ❖ The amount of courses given for value education is adequate according to governing body criteria, but specific measures will be done to boost the students' learning process.
- ❖ In upcoming semesters, more focus will be given on application oriented concepts so that curriculum will be taught in a well-balanced manner.
- ❖ Regular BOS meetings are held to keep the curriculum up to date.
- ❖ The course coordinator's teaching aims to develop students' knowledge and conceptions. In the different courses, assignments and group discussions will be created to improve vocational and analytical abilities.
- ❖ Faculty will be asked to deliver practical assignments in courses that strike a balance between theory and practise.
- ❖ With partial or full funding from the University, faculties are encouraged to participate in recognised professional activities on a national or worldwide level.
- ❖ Students and professors are encouraged to participate in research, paper publication, and patent application. More activities will be organised by the department to motivate the faculty.
- ❖ More industry-relevant courses can be added to the curriculum, and course objectives can be stated more clearly, assisting and supporting students in improving their abilities.
- ❖ Textbooks from internationally prominent publishers such as Springer, Taylor & Francis, Mc Graw Hill, and others are used to frame the curriculum.

- ❖ The course coordinator's teaching aims to develop students' knowledge and conceptions. In the different courses, assignments and group discussions will be created to improve vocational and analytical abilities.
- ❖ In the following semesters, a greater number of interactive programmes will be scheduled.