

## 7.2 Best Practices

### 1. TITLE OF THE PRACTICE:

PATENTING OF STUDENTS & FACULTY IDEATION

### 2. OBJECTIVES OF THE PRACTICE

To Patent the ideas of the students & Faculty generated during the teaching learning process and make the prototype of the ideas and try to develop it into products. It also helps to protect interest of the concern student and faculty community who rendered their valuable ideas

### 3. THE CONTEXT

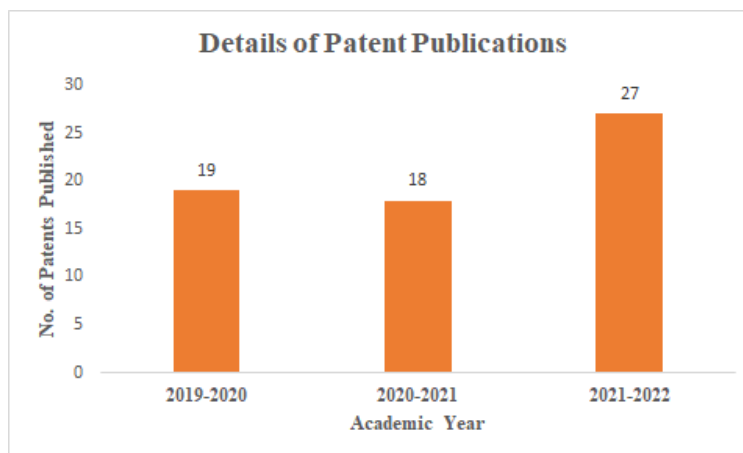
Usually lot of ideas is shared during the teaching-learning process especially during the student project works. Most of the ideas are so precious and sometimes unnoticed by the global research community and also sometimes the ownership of the original ideas is disclaimed by others. To avoid such conflicts and encourage the academic community to share their innovative ideas confidently, patenting culture is adopted as one of the best practices of our institute.

### 4. THE PRACTICE

Research coordinators of each department regularly motivate the students and faculty to file their feasible ideas in the official government IPR websites. The project coordinators assign faculty as project supervisors to student groups according to their expertise and also guide the students to make innovation in the existing solutions for better results to file suitable projects as patents with the support of senior faculty & head of the department.

### 5. EVIDENCE OF SUCCESS

The number of Patents filed from the institute is drastically increased when compared with the previous years. In the academic year 2020-2021 the total number of Patents filed is **18** and almost same in the year 2019-2020 whereas after adopting the patenting of student-faculty ideations as one of the best practices of our institute, the number raised to **27** in the year 2021-2022. Especially the student project titled “Optimal ANN Based Approach for Computer Aided Diagnosis of Kidney Stone” with Indian Government IPR file application number 202241022952 was also widely appreciated by the public and media for its potential benefits to the patients suffering. It is glad to note that the patent application filed with the title “Eco-Efficient Geopolymer Bricks” containing application number 202141004597 has been granted on 03-02-2021 for the term of 20 Yrs with patent grant number 393348. The following graph depicts the improvement of patenting ideas year wise



## 6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

To make aware about the IPR norms and patent filing procedures we face lot of practical constraints and documentation difficulties. External experts in the field of intellectual property rights are needed as resource personnel and periodic scrutiny of the ideation by industrial experts are needed to make the practice more simple & efficient in future.