

Fergusson College (Autonomous) Pune
Internal Quality Assurance
Academic Year 2016-17
Decisions taken and Implemented through IQAC

Quality Initiatives promoted by IQAC:

- (a) Knowledge updation programmes / activities for teachers.
- (b) Skill development programmes for students (UG and PG)
- (c) Curriculum development workshops for Second year syllabi under autonomy.
- (d) Setting bench marks for designing syllabi of all programmes
- (e) Designing Add-On Courses
- (f) Academic and Administrative audit for all academic programmes

Initiative /Decision	Implementation
(a) Knowledge updation programmes / activities for teachers.	Knowledge updation programmes for teachers was conducted for some specific subjects. This helped the teachers in learning new methods / topics to be included in syllabi under autonomy.
(b) Skill development programmes for students (UG and PG)	Skill enhancement programmes for undergraduate and post graduate students were conducted in specific areas like PYTHON programming, ANDROID programming, WEB UI design techniques.
(c) Setting bench marks for syllabi designing of all programmes	Interactions with teachers of the departments and subject experts was conducted to set certain bench mark while designing the syllabi. Emphasis was given to avoid repetition of topics in all the subjects and focus the content of syllabi (for first and second year on core aspects of the subject)
(d) Curriculum development workshops for Second year syllabi under autonomy.	Every department conducted Curriculum development workshop which helped in designing the second year syllabi under autonomy. Experts/ Academicians apart from Board of Studies were also invited for the workshops and their inputs have helped immensely in designing the curricula.

(e) Designing Add-On Courses	There were discussions in Heads' Forum meeting as well as in Academic Council on designing some Add-On Courses (Certificate Courses). Five Add-On Courses were decided, which will be implemented in the next academic year
(f) Academic and Administrative audit for all academic programmes	Proforma for A and A was generated by IQAC and given to all departments. Apart from this every department made a presentation of academic attainments in the year 2016-2017. There was sharing of Best Practices.

Summary

1. Focus on Designing and developing the syllabi for UG and PG programmes, with inputs from Academia, Subject Experts, Industry and Alumni.

Knowledge updation programmes for teachers was conducted for some specific subjects. This helped the teachers in learning new methods / topics to be included in syllabi under autonomy. Skill enhancement programmes for undergraduate and post graduate students were conducted in specific areas like PYTHON programming, ANDROID programming, WEB UI design techniques. Interactions with teachers of the departments and subject experts was conducted to set certain bench mark while designing the syllabi. Emphasis was given to avoid repetition of topics in all the subjects and focus the content of syllabi (for first and second year on core aspects of the subject). Every department conducted Curriculum development workshop which helped in designing the second year syllabi under autonomy. Experts/ Academicians apart from Board of Studies were also invited for the workshops and their inputs have helped immensely in designing the curricula.

2. Planning for introducing "Add-On" Courses/ Value Addition Courses.

There were discussions in Heads' Forum meeting as well as in Academic Council on designing some Add-On Courses (Certificate Courses). Five Add-On Courses were decided, which will be implemented in the next academic year.

3. Evaluation/ Assessment Methods.

Introduction of Concurrent Evaluation system as discussed in the Academic Council, with 50% Weightages to Internal and External Assessment. Adoption of different methods for evaluating students.

4. Academic and Administrative Audit for all Programmes.

Proforma for A and A was generated by IQAC and given to all departments. Apart from this every department made a presentation of academic attainments in the year 2016-2017. There was sharing of Best Practices. Some Best Practices like Industry Interaction/ participation has been evident in almost all the departments. For Programmes like Computer Science, Biotechnology, Microbiology, Electronic Science and Physics, skill updation programmes have been organized under Autonomy and which have been fruitful to the students.

5. Add On Practicals under DBT STAR Scheme

It has been third year for this Scheme and the Scheme has been evaluated/ reviewed every year and it received continuation from the Expert Panel of Department of Biotechnology, Ministry of Science and Technology. The departmental programmes under this scheme are continued and are now very popular amongst undergraduate students. Departments of Physics, Electronic Science and Zoology are planning for Interdisciplinary workshops/ "Hands On" programmes for students of other departments.

6. Strengthening Outreach Activities.

Initiatives taken by the students and teachers to develop linkages with NGOs has proved to be of immense help. NGOs like *PRISM foundation*, *AKANSHA*, *SAHELI*, *ANKUR Vidyamandir*, *Blood Connect*, *Caregivers Link*, *Connecting*, *Doorstep*, *Green Steps*, *Hutatma Rajguru Vidyalyaya*, *Santulan*, *Saheli Sangh*, *Swacch*, *Tathapi*, *Vanchit Vikas* etc., are some of NGOs where our students regularly visit and work for them. All these activities were showcased/ presented to fresher's i.e., first year B.A. B.Sc. students during the orientation programmes. Apart from this, '*Science Education Initiative*' (SEI) is well propagated amongst the students. There are about hundred volunteers for this activity of teaching maths and science in low income schools of Pune. Orientation programmes and Workshops for students volunteers have been conducted.

7. Bridging the gap between academia and Industry.

Industry- Institute Interaction Cell was established in the year 2010 with an aim to strengthen relations with Industry. The activities of this Cell have increased exponentially and now a new Cell, "Career Facilitation Cell" has been established. This Cell is now responsible for carrying activities with Industries, partnering with industries, taking feedback on the syllabi developed under autonomy, carry out Pre Placement and Placement Activities for all programmes and also Entrepreneurship development programmes. Sectorial Career Summit was organised under this Center to make students aware of different industries, their work and employment opportunities. A three day workshop on "Entrepreneurship" was conducted for Science students in collaboration with "Science and Technology" of the University.

8. System for Feedback on Teaching and Curriculum

The previous format for collecting feedback on teaching was revised by IQAC and a format for feedback on curriculum developed under autonomy was also designed by the IQAC. Both the feedback formats have been integrated with the ERP system. In the first phase, on-line feedback programme was conducted only post graduate students. The feedback on teaching has been analysed and communicated to individual teacher as well as Head of the Department. Feedback on the curriculum has been submitted to the Heads of the Department to place it before the Board of Studies and make appropriate changes/revisions in the syllabi. Every Saturday the feedback team conducts a meeting to overview the progress of entire feedback process.

1.	Dr. Ravindrasing Pardeshi	Principal	Chairman, IQAC	
2.	Dr. Nitin Kulkarni	Vice Principal, Faculty of Science	Member	
3.	Shri. Prakash Pawar	Vice Principal, Faculty of Arts	Member	
4.	Dr. Sachin Khedkar	Vice Principal, Faculty of Science	Member and Representative from Society	
5.	Dr. Jayawant Awaghade	Registrar	Member	
6.	Smt. Shubhangi Thakar	Department of Computer Science	Member and Governing Body Nominee	
7.	Dr. Chitra Shreedharan	Department of English	Member	
8.	Smt. Arati Khatu	Department of Political Science	Member	
9.	Smt. Sheetal Ruikar	Department of Psychology	Member	
10.	Dr. Ashish Mane	Department of Environmental Science	Member and Academic and Research Coordinator	
11.	Smt. Swati Satpute	Department of Computer Science	Member	
12.	Dr. Rohitkumar Gore	Department of Chemistry	Member	
13.	Dr. Samir Terdalkar	Department of Zoology	Coordinator	