

Baburao Patil College of Arts and Science Angar, attempts to chisel out the total quality person through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC at BPCAS was constituted on 13th July 2013. Since then, it has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.

Students and staff give their feedback and suggestions on teaching and administrative performance through the online mode. The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels. The Institute IQAC regularly two to three meets every year.

The Institute IQAC prepares, evaluates and recommends the following for approval by the relevant Institute and Govt. statutory authorities:

- (a) Annual Quality Assurance Report (AQAR)
- (b) Self-Study Reports of various accreditation bodies (UGC 12b, NAAC, NIRF)
- (c) Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS)
- (d) Stakeholder's feedback
- (e) Process Performance & Conformity
- (f) Action Taken Reports
- (g) New Programmes as per National Missions and Govt.

The two examples of practices institutionalized as a result of IQAC initiatives are as follows:

1. Student Research: Research Avishkar

Goal: Research inculcating attitude of the youth.

Objective-

1. Identify the hidden innovative scientific talent and capacity of youth.
2. Providing opportunities for inculcating attitude of the youth.
3. Promoting talent researchers to participate in university/ state/ national events.

4. Involving the teachers to guide the students through take minor and major research projects.

Context-

The college level research competition was initiated by IQAC and research committee with the permission of Honourable principal a very unique title Avishkar. Research is an outcome basically of innovative minds in the modern era with the support of well-equipped laboratories and such other infrastructure. If the same is made by the institution at right age, if not only stimulate activity but will help to identify the student to groom further as acclaimed research in their respective field. Practice- Science the philosophy of Avishkar is to encourage the original research and develop innovative minds inculcating research culture in the institute.

In college following disciplines are taking in to consideration for participate in the research Avishkar.

- a. Humanities, language and fine arts.
- b. Pure Science.
- c. Agriculture and animal husbandry.
- d. Medicine and pharmacy.

Measuring:

At the beginning of academic year IQAC and research committee decide the organization of research Avishkar at college level in the month of December and January. They notify the all the faculty members and research guides in the college. On the basis of above theme faculty members choose the students and work on the particular field. For academic year 2020-21, 07 faculty members are participating in the Avishkar and 7 students are participating in various disciplines. Students make the power point presentation and models for presenting the Avishkar work. Experts from the university and other colleges are invited to evaluate the research Avishkar. They evaluate the students and mention the three numbers for university level Avishkar. Research committee has decided to arrange college level avishkar on 25/04/2021 at 10am on online mode (on zoom app). In this Avishkar total 7 students were participated from 7 different categories. For this Avishkar Prof. Dr. M.G. Hublikar from PAH Solapur university are invited as external evaluator. Out of the 7 students 3 students are nominated for university level research Avishkar.

Evidence of Success:

The evidence of the success of the practice is the students are able to present their research on power point presentation. The students are able to work in field as well as laboratory work

**College Level Avishkar Competition 2021
Participated Student List**

Sr.No.	Project Title	Category	Student Name	Guide Name	Marks out of 100
1	Design of the Severe Acute Respiratory Syndrome Covide-19 Host Pathogen Interactions and Cellular Signaling.	Pure Science	Ankita B. Gund	Dr.Sachin P.Shirame	90
2	Elctric resistivity model study for rainwater harvesting in Deccan basalt	Pure Science	Dalave A. Mayur	Dr. Raut M.N.	85
3	Study of disease resistance in <i>Mystusbleekeri</i> against some pathogensfed by dietary probiotic (PBR-12)	Animal and Husbandr y	Ghodake A. Anil	Prof. Petkar M.R.	85
4	Synthesis and characterisation of polyamides and polyimides	Pure Science	Atul S. Pethe	Prof. Gaikwad S.G.	75
5	Synthesis of Polyamides	Pure Science	Gund S.B.	Prof. Gaikwad M.V.	80
6	Job Opportunities physical Education and Sports	Arts and Humaniti es	Jadhav K.A.	Dr. Mohite B.C.	85
7	Electrochemical polymerization of polypyrrole thin film	Pure Science	Miss. Bhange R. S.	Smt V. S. Shinde	75

College Level Avishkar

List of Selected student 2021

Sr. no	Project Title	Category	Student Name	Guide Name	Obtained Marks
1	Design of the Severe Acute Respiratory Syndrome Covide-19 Host Pathogen Interactions and Cellular Signaling.	Pure Science	Ankita B. Gund	Dr.Sachin P.Shirame	90
2	Study of disease resistance in <i>Mystusbleekeri</i> against some pathogensfed by dietary probiotic (PBR-12)	Animal and Husbandr y	Ghodake A. Anil	Prof. Petkar M.R.	85
3.	Job Opportunities physical Education and Sports	Arts and Humaniti es	Jadhav K.A.	Dr. Mohite B.C.	85

2. 'Green Campus Clean Campus'

Clean and green campus committee

Chairman	:	Dr. R. R. Deshmukh
Member	:	Dr. M. N. Raut
Member	:	Mr D.N.Patole
Member	:	Mr. V.N.Kadam

Institutions of higher education play important role in moving societies toward more sustainable practices. Colleges and universities are involved in process of teaching and critical thinking about sustainability and their primary target group is students. Campuses can create a continuous flow of graduates interested and capable of promoting sustainable development of the society. Considering such role of educational institutes the college has developed the practice of Clean and Green Campus. In this programme students are involved to develop the ethics of environmental education.

Goal:

- To train students to put knowledge acquired in the classroom to practical application (This practice aims to enable students to imbibe higher research culture and “lab to land “practice whereby they can apply what they have learned to practice that can benefit the society and environment.)
- To train students to become protectors of nature and to make a difference to the endangered Planet Earth.
- To promote awareness on environmental issues
- To spread the message of greening and cleanliness

The Context:

- It is a topic of hot debate that the Earth is in desperate need for caretakers who aim at reducing pollution of different kinds. Global Warming, Greenhouse gases, Ozone layer depletion, Ecosystem, Environmental Studies, Earth Day etc., are common place terms now.
- Trees and plants help restore the quality of air we breathe and help to keep earth at the right temperature. Planting of more and more trees curbs global warming, an alarming phenomenon these days.

- Awareness programmes and seminars on the protection of the environment create in students a research orientation on environmental issues. This knowledge is put to practical application through the Green Campus -Clean Campus Practice.
- The institution is highly conscious of its environmental responsibility. The Green Campus -Clean Campus Practice orients the student community about their responsibility to the environment and makes them active participants in greening drives.

The Practice:

A research culture mode is integrated into the practice of the curriculum through frequent invited talks, workshops and seminars. Experts from Government organizations and the fields of Geology, Environmental Studies and Life Sciences are invited for lectures and interactions with the students. There are a number of projects undertaken by faculty and students on ecological concerns in addition to a number of publications.

Efforts undertaken towards Green Campus Clean Campus

- UG Projects undertaken by Environmental Studies and Life Science students give priority to environmental issues like pollution, Biodiversity conservation and remedies to the environmental problems.
- Every effort is taken to keep the campus green and clean. The institution understands the need to preserve Earth.
- No vehicle day twice in a month.
- Reuse of papers.
- Trees have been planted both within the campus and outside. Plants, of the flowering, vegetable and medicinal variety, are visible in the campus.
- Saplings have been distributed to the students and nearby houses through NSS
- Students are encouraged to be active members of the Science club.
- Care is taken to keep the campus, pollution and plastic free.
- There is restricted vehicle entry during working hours and a separate parking lot.
- There are dustbins in strategic places with a system of effective waste disposal.
- Students are encouraged to keep their classrooms and common spaces clean. There is a Cleaning Day for the campus spearheaded by the NSS unit.

Evidence of Success:

The evidence of the success of the practice is the green and clean campus itself. The entrance of the college is lined up with Ashoka trees to provide a lush green look as well as a protection against pollution. The College also has sizeable amount of flowers, vegetables, botanical and medicinal gardens etc. which is a proud testimonial to how the green mission envisaged by the Founders of the Institution continues to be preserved even today.