

Information for AQAR for the academic year 2017-2018

Please provide the following details:

1. Any meetings/workshops regarding curricula upgradation?
A meeting was called by the University to upgrade the syllabus of Sem 1&2 in Zoology
2. Any workshop/seminar arranged by the department?
23.8.2018 – Butterfly diversity – Mr MayurVaria, Nature club Surat
3. Any national/state level competitions/exams held?
4. Field Projects / Internships under taken during the year.
5. Feedback received from all various stakeholders
6. Honours and recognitions received by teachers (*received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year*)
7. Workshops/Seminars Conducted on Intellectual Property Rights (**IPR**) and Industry-Academia Innovative practices during the year
8. Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| 3.3 Research Publications and Awards | | | | | | | |
|---|------------|--------------------|-----------------------|-------------------------------|----------------|---|--------------------|
| 3.3.1 Incentive to the teachers who receive recognition/awards | | | | | | | |
| State | | National | | International | | | |
| | | | | | | | |
| 3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>) | | | | | | | |
| Name of the Department | | | No. of Ph. Ds Awarded | | | | |
| | | | | | | | |
| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | | | | | |
| | Department | No. of Publication | | Average Impact Factor, if any | | | |
| National | Zoology | 2 | | | | | |
| International | Zoology | 3 | | | | | |
| 3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | | | | | | | |
| Department | | | | No. of publication | | | |
| | | | | | | | |
| 3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index | | | | | | | |
| Title of the paper | | Name of the author | Title of the journal | Year of publi | Cit atio n Ind | Institutional affiliation as mentioned in the | Numb er of citatio |
| | | | | | | | |

| | | | ation | ex | publication | ns exclud ing self citatio ns |
|---|------------------------------|---|-------|----|-----------------------------------|--|
| <p>1. Glucose stimulated enhanced stimulation release and cytotoxicity of poorly water soluble anti-cancer drugs from T 1307 micelles.</p> <p>2. Systematic characterization of pluronic micelles and their applications for solubilization and release of anticancer drugs</p> <p>3. Comparison of Total Protein Content in the Muscles of C catla on exposure to Ag and Nanoparticles and their Metal Ions.</p> <p>4. Variation in activity of lipase immobilised on chitosan and alginate nanoparticles by changing concentration of the preparatory reagents.</p> <p>5. Mod effect of different biomolecules and additives on cloud point and aggregation of amphiphilic linear and star copolymers</p> | P Patidaar & A Bahadur | J of Biotechnology | 2017 | | P T Sarvajanic college of science | 5 |
| | P Patidaar & A Bahadur | Journal of Molecular Liquids | 2017 | | P T Sarvajanic college of science | 10 |
| | A Patel & A Bahadur | Res & Rev : A J of Life Sciences | 2017 | | P T Sarvajanic college of science | |
| | Heena a & A Bahadur | Res and Rev : A journal of Life Sciences, | 2017 | | P T Sarvajanic college of science | 10 |
| | A Raval, S Pillai, A Bahadur | Journal of Molecular Liquids | 2018 | | P T Sarvajanic college of science | |
| | P Patidaar & A Bahadur | | | | | |

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the paper | Name of the author | Title of the journal | Year of publication | h-index | Number of citations excluding self citations | Institutional affiliation as mentioned in the publication |
|--------------------|--------------------|----------------------|---------------------|---------|--|---|
| | | | | | | |

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

| No. of Faculty | International level | National level | State level | Local level |
|------------------------------|---------------------|----------------|-------------|-------------|
| Attended Seminars/ Workshops | 1 | | 1 | |
| Presented papers | 1 | | 1 | |
| Resource Persons | | | | |
| | | | | |

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the | Organising unit/ agency/ | Number of teachers co-ordinated | Number of students |
|--------------|--------------------------|---------------------------------|--------------------|
| | | | |

| | | | |
|----------------|----------------------|-----------------|---------------------------------|
| Activities | collaborating agency | such activities | participated in such activities |
| Blood Donation | 5 GujBn NCC, Surat | 02 | 70 |

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of Activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| | | | |

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/ agency/ collaborating agency | Name of the activity | Number of teachers coordinated such activities | Number of students participated in such activities |
|-----------------------------|---|------------------------|---|--|
| Surat Municipal Corporation | 5 GujBn NCC, Surat | International YOGA Day | 01 | 80 |

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved |
|---|------------------------|-----------------------------|-------------------|
| | | | |

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students by Guidance for Competitive examination | Number of benefited students by Career Counselling activities | Number of students who have passed in the competitive exam | Number of students placed |
|------|--------------------|--|---|--|---------------------------|
| | | | | | |

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | No. of grievances redressed | Average number of days for grievance redressal |
|---------------------------|-----------------------------|--|
| | | |

| 5.2.2 Student progression to higher education in percentage during the year | | | | | |
|---|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of Programme admitted to |
| | | | | | |

| 5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services) | | |
|--|--------------------------------------|--|
| Items | No. of Students selected/ qualifying | Registration number/roll number for the exam |
| NET | | |
| SET | | |
| SLET | | |
| GATE | | |
| GMAT | | |
| CAT | | |
| GRE | | |
| TOFEL | | |
| Civil Services | | |
| State Government Services | | |
| Any Other | | |
| | | |

| 5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) | | | | | | |
|---|--------------------------|-------------------------------|--------|----------|-------------------|-------------------------|
| Year | Name of the award/ medal | National/ International/State | Sports | Cultural | Student ID number | Name of the student |
| 2018 | NCC Best Cadet Award | State level | NCC | - | GJ16SDA205023 | ChintanSureshbhai Patel |

| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
|---|---------------------------------|-------------------------------|
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| | | |

| | | | |
|---|----------|--------------|--------------------|
| 6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment): | | | |
| Teaching | | Non-teaching | |
| Permanent | Fulltime | Permanent | Fulltime/temporary |

| | |
|---------------------------|--|
| 6.3.5 Welfare schemes for | |
| Teaching | |
| Non teaching | |
| Students | |