

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

**Initiatives and Action Taken Report of IQAC
(2019-20)**

- Implementation of academic autonomy for the third year. First batch of PG successfully passed out under autonomy.
- Construction of two ICT enabled/smart classrooms. Renovation and expansion of Chemistry and Physics building has been carried out.
- All the classrooms have been converted into ICT enabled classrooms and EyeRIS has been installed.
- Applied for academic audit to the affiliating R.T.M. Nagpur University, Nagpur.
- Participated in NIRF ranking.
- More certificate courses have been introduced.
- Internal College Examination (ICE) and Topic-wise tests in addition to ICE have been conducted. The Chemistry department has used Moodle for internal assessment of UG PG students.
- Guided students for competitive examinations like IIT JAM, NET, SET, GATE, PET, and other examinations.
- Enhanced students' participation in various curricular, co-curricular, and extracurricular activities.
- College with Potential for Excellence (CPE) grants are being utilized as proposed.
- Collaborative initiatives with other institution(s):
 - Students of Nabira Mahavidyalaya, Katol carried out their M.Sc. project work in the Chemistry department of our college under the guidance of Dr. P.V. Tekade and Dr. A.V. Nakhate. January 2020 (One month).
 - Our PG students carried out their M.Sc. Project at Mahatma Gandhi Institute for Rural Industrialization MGIRI-Wardha, a National Institute under the Ministry of Micro and Medium Enterprises, Govt. of India under the Scientists of Chemistry Based Division. September 2019 - February 2020 (six months).
 - Certificate Course by Spoken Tutorial, Indian Institute of Technology, Powai, Bombay. Students completed certificate course on "Spoken Tutorial". (July - 2019 to March-2020).
 - Our student completed Summer Internship Programme on the Topic "Role of Epigenetic Regulators and Hedgehog Signaling in Covalent Gene Expression" under

the guidance of Prof. Sameer Kumar Patra, National Institute of Technology, Rourkela, Odisha. May 2019 to July 2019 (3 Months).

- Another student completed Summer Internship Programme on the Topic "Putative SH3 Domain Containing Proteins (YgiM) Role in Salmonella Infection" under the guidance of Dr. Vidyadevi Negi, National Institute of Technology, Rourkela, Odisha. May 2019 to July 2019 (3 Months).

- Conferences, Seminars, Workshops conducted:

- One Week Online Faculty Development Program on "Jmol Application" was organized. 8th May 2020 to 14th May 2020.
- Online Faculty Development Program on "Arduino" program. 28th April 2020 to 5th May 2020.
- "Innervate- 2020", A National Conference on "Reforming Higher Education: Role of Accreditation and Autonomy" was organized on 3rd March 2020.
- Workshop on "Different grants like Biotechnology Ignition Grants (BIG), BIRAC grants" by Mr. Athrav Patankar, Society for Innovation and Entrepreneurship (SINE), IIT Bombay (Microbiology). 27th January 2020.
- Seminar on "Career Scope in Clinical Research and Medical Coding" by Anjali Patle, Certified Medical Coder, Ascent Business Solution, Nagpur, and Mr. Sharad Halmare, Director, SPRUCE Training Centre, Nagpur. 25th January 2020.
- Two Days Workshop on "Scientific Writings: Beginner's Approach". 13th and 14th September 2019.
- Seminars on "Career Alternatives in Life Sciences" by Dr. Supriya Kashikar, Founder & CEO, Genext Genomics Laboratories, Nagpur. 31st August 2019.

Dr. S. S. Zade
Coordinator IQAC

Principal
Principal
Bajaj College Of Science,
Wardha.