

Report of the External Peer team of IQAC
regarding performance of the college
(2018-19)

The external peer team of IQAC comprising Dr. Manoranjan Patnaik and Dr. K.D. Patil visited the Jankidevi Bajaj College of Science, Wardha on 27.04.2018. The team visited the IQAC cell and its members. The team has gone through the AQAR of earlier sessions and inspected the records. The team has observed the working of IQAC, its plans for quality improvement, monitoring mechanism, output of the activities, etc.

Jankidevi Bajaj College of Science, Wardha run by Shiksha Mandal, affiliated permanently to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, is third time NAAC accredited with 'A' grade with CGPA of 3.21. The college is granted "**Fresh Autonomous Status**" by UGC for a period of six years from session 2017-18 valid upto 31 dec.2022 vide its letter No. F.22-1/2017(AC) dated 06/04/2017.

The college has established IQAC from 6.1.2000. The IQAC is constituted as per the guidelines of UGC & NAAC. The structure of the IQAC for the session 2018-19 is: Chairman- Principal Dr. Om Mahodaya, Co-ordinator- Dr. S.S. Zade, Nominee from Local society- Dr. Adarsh Agnihotri, Member from Industry- Dr. U.D.Gulhane, Member of Management- Prof. H. M. Bhutada and all HODs as members.

IQAC Activities:

The IQAC planned various curricular, teaching-learning, co-curricular, extracurricular, extension activities and best practices to improve the academic and administrative performance of the institution. Some of the outcomes are improved results, reduction in dropout rate, NET, SET, JAM exam guidance, enhanced placement activity, NAAC 'A' grade and academic autonomy to college.

Implementation of academic autonomy: College got autonomous status from session 2017-18. As per the directions of UGC various committees viz. BOS in all subjects, Academic council, Finance committee, and governing body were formed for smooth working. BOS in all subjects framed syllabus which were passed in academic council. Teaching is according to new syllabus of autonomy.

Conduct of examinations under autonomy: The College conducted B.Sc. & M.Sc. Sem-I to Sem IV examinations under autonomy successfully. Question paper setting and Valuation for UG and PG is done by faculty from college and experts from parent and other universities. The even semester results are declared by 30th April every year.

Retention of previous accreditation status by NAAC: The NAAC, under its revised accreditation framework, came up with a new policy regarding 'Retention of previous accreditation status for fresh autonomous colleges', viz.- *A college can apply as an autonomous institution after completing 5 years or 2 batches of students.* Accordingly, our 'A' grade, 3.21 CGPA status was extended up to Dec 2022 by NAAC. The IQAC focuses on the preparation for the 4th cycle of accreditation by NAAC in 2022.

Fulfillment of recommendations of NAAC: In regard to the compliance of the recommendations given by NAAC peer team during 3rd cycle, the college constructed new Library building, Central instrumentation facility, central computing facility. The college has taken efforts to reduce dropout rate and enhance career guidance and placement activity.

Personal guidance and overall development of students: College has 'Teacher-guardian student cluster scheme' where in a teacher is assigned a cluster of 8-10 students. Teachers help the students for solving their personal difficulties and guide them for academic and overall development. The college conducts IIT Spoken tutorials for its students

Improve students' performance in exams, Slow and advanced learners: The faculties take keen interest and efforts for the overall development of students through academic and co-curricular activities such as seminars, group projects NCC, NSS, Sports. We have remedial classes for slow learners and guidance for competitive exams like JAM to advanced learners. The college conducts topic wise unit tests for practice and improving scores in final exams.

Promotion of research: The research committee recommends the faculty to publish papers in reputed UGC recognized peer reviewed/indexed journals. In 2018-19 the faculty published 20 research papers in reputed journals. The college is selected as 'Institution Innovation Cell' by MHRD's Innovation Cell, Govt. of India. The college has functional MOUs with NCCS-Pune, MGIRI-Wardha, Kamala Pathology-and Amey Pathology-Wardha. Under the 'MANAV' initiative of NCCS & IISER Pune, JBCS students are provided hands-on training to collate information on human physiology, diseases, clinical assessment and healthcare products.

Organization of Seminars / Workshops :

- The IQAC organised a state level student seminar competition 'Scintillation 2019' on 19th March 2019.
- One day workshop on "Isolation of genomic DNA & PCR" Under Edu-bridge programme between JBCS & NCCS on 14th Feb. 2019.
- One day workshop on "Hands on Bioinformatics" Under Edu-bridge programme between JBCS & NCCS on 15th Feb. 2019.
- One day International Webinar on "Trends in Genetic Modification" organized by Microbiologist Society, India and B. B. Mahavidyalaya Jalna, on 9 th Feb. 2019.
- One day International Webinar on "Ingress into Industry" organized by Microbiologist Society, India and K. K. Wagh Arts, Commerce and Science and Computer Science College, Nashik on 28 th Dec. 2018.
- Seminar on "Transformation in Bacteria" organized on 7 th February 2019.

RUSA, CPE: Presentation for RUSA grant at Mumbai on 23 July 2018. Grant of one crore received. Utilization certificate for 2016-18 sent to DBT. CPE and RUSA grants are being utilized for the required purpose

Study in India: One student from Bangladesh has taken admission to B.Sc. I under 'Study in India' programme of GOI

Sport achievements: Four students participated in National ball badminton and softball events. Fifteen students are colour holders of RTMNU in 2018-19 and represented the University teams. The college won Gold medal in Ball badminton (boys), Bronze medal in Soft ball (boys) and Bronze medal in Sepal Takaraw (boys) at RTMNU tournaments.

Name and Signature of the External Peer team:

Name

Signature

Dr. Manoranjan Patnaik
Deputy Director (Chemical Industry Division), MGIRI, Wardha.
(Chairman)

Manoranjan Patnaik
27/04/2019

Dr. K D. Patil
Prof. & Head Dept of Mathematics, B.D. College of Engineering,
Sevagram, Visiting associate IUCAA Pune.
(Member)

K D. Patil
27.4.19