B. K. Birla College (Empowered Autonomous), Kalyan

Conducted by Kalyan Citizens' Education Society Affiliated to the University of Mumbai

Reaccredited (3rd Cycle) by NAAC with 'A' Grade (CGPA - 3.58) (2014-23)

IQAC REPORT

2023-24

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Internal Quality Assurance Cell (2023-24)

Internal Quality Assurance Cell (IQAC) at B. K. Birla College aims to progress towards Excellence. As a measure regularly IQAC organizes orientation programs for faculty, administrative staff, and quality circle members. Also, it organizes open forums to provide an interface between students and officials of the college. With the aim of providing invaluable feedback and suggestions for quality sustenance and improvement in teaching, learning and research in the college.

The IQAC documents and reports various activities of the college for various higher education requirements. Constantly, follow-ups are made on infrastructural resources of the college to assure adequate, appropriate and better facilities to assure encouraging ambience for teaching, learning and research. Through all these measures and activities, IQAC functions as one of the important components of the college ensuring quality and continuous improvement in all the units/aspects of the college. IQAC places on record its gratitude to the management, staff, students, funding agencies and parents for their support in fulfilling quality sustenance and maintenance at B.K. Birla College.

IQAC plays a vital role in ensuring quality education and provides suggestions for the overall improvement of the institution. This cell strives to develop team spirit and sets goals to be achieved by devising strategies and implements for the benefit of the students and institutions. The cell performs various activities and collaborates with other committees to strive excellence in other fields.

IQAC Committee has been instituted as per guidelines and regularly meets: -
- to establish institutional policies for implementing quality assurance processes.
- to promote institutional best practices attuned to college vision and mission.
- to monitor academic and administrative activities for enhancing stakeholders' image.
-to foster a culture of quality consciousness among faculty, staff, and students.

The committee aims to achieve the above objectives by organizing scholarly lectures, academic audit, iso audit, and to organize awareness programs for the New Education Policy 2020.

Regular IQAC member meetings with the Chairman and Vice Chairman were arranged to provide updates about the ongoing work and activities conducted by IQAC members.

The College has been granted '*Autonomous Status*' from UGC and UoM w.e.f. 2018-19 and '*Empowered Autonomous Status*' by UoM and GoM w.e.f. 2023-24.

The College implemented NEP 2020 from Academic Year 2023-24 as per the guidelines of GoM and UoM with introduction of Major, Minor, VSC, VEC, AEC, OE, FP, OJT, etc.

Infrastructure and Digital Initiatives:
- IoT and Robotics Lab, Incubation Centre (1200 sq. ft.), Advanced Computer Labs (1000+ computers / laptops) and Training and Placement Centre, have been set up in the New Building in 2023-24.
- The Mpower Counselling Cell was established at college from 17th February, 2021 and further expanded its services from 22nd November, 2023.
- ICT enabled teaching is fortified through Wi-Fi enabled campus (restricted), Smart Classrooms, Media Lab, 3-D Lab, LCD projectors and TVs as well as soft technology like licensed Microsoft 365, and its tools, Qurio App and access to online e-content resources with the latest hardware and software.

Central Library: Knowledge Resource Centre:
- The Central Library boasts an extensive collection of over 1.17+ lakhs books (81,257 print books) and 114 periodicals, including digital resources like Inflibnet NLIST (6,000+ e-journals and 1,35,000+e-books) and DELNET.
- Automation through Libsys10 and LS Discovery Services ensures seamless access to both physical and electronic collections.
- Additional facilities such as a Green reading room, collaborative spaces, and assistive technologies enhance the learning environment, fostering a vibrant hub for learning.
- All the books in the library are RFID tagged enabling uses for quick access.
- A special plagiarism software (DrillBit) has been purchased for Students and faculty to find the duplicate content in their research work.

Green Initiatives:
- The campus is adorned with lush greenery, including various trees, flowering plants, medicinal plants, and grass, covering nearly half of its area.
- Environmental initiatives include ETP and STP facilities to reduce carbon footprints, along with Solar plants (160 KW + 40 KW) generating about 50% power needs of the college and 4 rainwater harvesting facilities.
- The college actively engages in eco-awareness campaigns, waste management practices such as waste segregation and composting, implementing energy-efficient solutions like LED lights and BLDC fans.
- The College has been conferred the '*Special Citation Envirocare Green Award - 2023*' under the category of 'Academia' on 15th July, 2023 by Envirocare Labs, Thane.

Research:
- 9 Ph.D. research centers with 24 Ph.D. guides. 36 students are currently pursuing their Ph.D.
- 5 Patents have been contributed by the Faculty Members and students in 2023-24.

Sports and NCC:
- 11 students were a part of two All India Inter University Rugby teams who have won the first and third position at January 20 to January 24, 2024 at Chandigarh University in Mohali.
- 3 students team won the third prize in All India Inter University squash tournament held at Somaiya University, Vidyavihar from February 21 to February 23, 2024.
- Miss. Triveni Machave won the second prize in South West Zone Inter University shooting competition held from South West Zone Inter University at Kurukshetra University, Kurukshetra.
- Miss. Mansi Bhoir has won the second prize in South West Zone Inter University Fencing Tournament held at M.G.M. University, Aurangabad from December 23 to 26, 2023.
- Mr. Abhishek Avhad has won third prize in Khelo India University Games Boxing Championship held at Guwahati from February 25 to February 29, 2024.
- 2 students won first prize in the Maharashtra State Inter University (Rajya Kreeda Mahotsav) Chess Tournament held at BAMU University, Mangaon from February 03 to February 06, 2024.
- Mr. Manesh Gadhave and Miss. Asmi Badade have won the third and second prize in individual and group teams resp. in the All India Inter University Gymnastics held at Guru Nanak Dev University, Amritsar.
- The college is one amongst very few colleges in the country to have a strength of 380 NCC Cadets, 12-time winner of the Vice Chancellor's Banner of the UoM out of 20 times.

Ranking:
The college has figured in various National Rankings – India Today, Week Hansa, Education World, etc and also participated in NIRF Ranking.

Industry-Academia connect:

- Signed 01 MoU Trinity Education Alliance Council Maharashtra, India and 01 MoU is revived with University of West Georgia, USA. These MoUs with industries and institutions are designed for curriculum alignment, research collaboration, and placement assistance and Introduction of new programs.

Future Plans and Challenges:

- New Programmes to be introduced from the A. Y. 2024-25 - B.Sc. Data Science, B. Com. (Mgmt. Studies) B.Com. (Mgmt. Studies - Logistics), M.Sc. Physics (Computational Physics) and M. Sc. Cyber Security.
- Application submitted to NCTE for 4 Year Integrated Teacher Education Program (B.A. / B.Sc.-B.Ed.).
- The management intends to start '*B. K. Birla Institute of Physiotherapy*' from the academic year 2025-26.
- The College intends to apply to Govt. of Maharashtra for the grant of Cluster / Private University Status from the A.Y. 2025-26.
- We intend to sign MoU with BITSoM to undertake quality enhancement initiatives and resource sharing.
- The vacant faculty and staff positions in Aided section are not getting filled by fulltime faculty as per policy of Govt. of Maharashtra, thereby increasing financial liability on Management.

Trainings and Its Impact:

Refresher Courses, FDP, Orientation Programme, LDP, Workshops, etc. are being conducted periodically, which results into enhancement of faculty performance.

Welfare and social outreach measures:

- The Management has created a Welfare fund to provide scholarship / fee concession to the needy and deserving students (a provision of Rs. 20.00 Lacs every year) from the A.Y. 2022-23.
- The Management has initiated / promoted / sponsored several community / social outreach activities / environmental awareness campaigns, blood donation, etc. in this vicinity.

New Academic Programs introduced in the AY 2023-24:

College has introduced many New Courses / Programmes from the Academic Year 2018-19 to 2023-24 to name a few -

- Bachelor of Computer Applications (BCA)
- M.Sc. Data Science and Big Data Analytics / Finance / Artificial Intelligence / Industrial Biotechnology / Microbiology (Industrial Microbiology) / Food Science and Nutraceuticals / Chemistry (Analytical Chemistry) / Information Technology (Cloud Computing)
- B.Voc. in Business Management and Entrepreneurial Development / Medical Laboratory Technology / Cyber Security and Forensics / Financial Market and Trading Operations/Post Graduate Diploma in Global Education (PGDGE)

Outcome Based Education: The curriculum of various programmes has been designed with well-defined Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) aligned with the Programme Educational Objectives (PEOs). The focus of the PO, PSOs and COs is on ability enhancement and knowledge development based on pre-defined graduate attributes. The course attainment score of each program was calculated for all UG and PG programs for AY 2023-24. OBE team members have submitted the analysis of attainment levels of each program, which were further reviewed for necessary action to get aligned with NEP 2020.

Feedback Analysis: The feedback is taken from Students, Parents, Staff (Teaching and Non-Teaching/Support staff), Alumni and Employers and analyzed on various parameters like curriculum, teaching learning and other facilities provided.

IQAC has been instrumental in exercising quality initiatives for various parameters to achieve quest for excellence. Thus, the following programs were organized by IQAC during the year as listed below:

- An online session on 'Attainment of Course Outcomes' on Tuesday, the 13th June, 2023. Dr. Moushumi Datta, Principal Nagindas Khandwala College guided the participants with the methodology to be adopted for calculating the attainment of Course and Program Outcomes.

- 3 - Day Faculty Induction Program was organized for all newly appointed 22 Faculty Members conducted by the speakers Dr. Naresh Chandra, Dr. Avinash Patil, Dr. ManinderDhaliwal, Dr. B. S. Wadekar, Mrs. Esmita Gupta, Ms. Lakshita Soni, Dr. Seema Manchanda, Ms. Kajal Jaisinghani Dr. Vinod Narayane, Mr. Kiran Raikar, Mr. Prakash Sansare, Dr. Viplov Dhone etc. on 26th – 27th June,2023 and 30th June, 2023.

- Orientation Program organized by IQAC for all the First-Year 1809 students on the July 27th and 28th 2023, 31st July & 1st August, 2023

- A Special Lecture on 'Challenges in NEP 2020 Implementation' is organized on Monday, 4th December, 2023 for 41 Staff Members. The resource person was CA Anil Rao Member, NEP 2020 Steering Committee.

- A One Day Workshop on 'Outcome based Learning in HEIs for Quality Education' by Dr. (Mrs.) Sybil Thomas, Professor, Dept. of Education, University of Mumbai, on Monday, 11th December, 2023 for 35 Faculty Members.

- IQAC organised One week workshop on 'Skill Development' from 11th March, 2024 to 16th March, 2024 for 45 students.

Topics Covered	Resource Person Invited
Visioneering	Ms. Riddhi Kunjwani, Trainer in Soft Skills
Presentation Skills	Mr. Akash Kamble, Asst. Professor, Information Technology
Understanding Personality Diversity.	CA Megha Saxena, Practising Chartered Accountant
Communication Skills.	CA Ramnath Dixit, Trainer in Soft Skills
Interview Skills	Ms. Akanksha Thakur, Asst. Professor, DMS
Leadership Skills	Mr. Jeet Joshi, Alumni of BKBCK

- IQAC organised One Day Workshop on Professional Ethics by Mr. Anil Bhot on 16th March 2024 for 157 students.

- Prof. R. S. Mali, Former Vice-Chancellor, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, had been invited for the academic discussion and sharing of Best Practices in Higher Education on 12th April 2024.

- Dr. Smita Shukla, Director of Alkesh Dinesh Mody Institute for Financial and Management Studies had been invited for the academic discussion and sharing of Best Practices in Higher Education on 25th May 2024.

- Mr. C.D. Bhosale, Vice Principal and IQAC Co-ordinator of karamaveer Bhaurao Patil College Vashi had been invited for the academic discussion and sharing of Best Practices in Higher Education on 27th May 2024.

- Dr. Usha Mukundan and Dr. Shubhada Nayak had been invited for the academic discussion and sharing of Best Practices in Higher Education on 5th June 2024

Fourth Cycle of Accreditation Timeline

- The College submitted the IIQA on November 3, 2023, through the NAAC portal, Bangalore.
- Throughout the year, the College prepared the Self-Study Report (SSR) for the 4th Cycle of NAAC Accreditation. After the IIQA approval, the SSR was uploaded to the NAAC portal.
- The SSR was submitted within 45 days on January 24, 2024, and the Data Verification and Validation (DVV) process commenced on January 29, 2024. Simultaneously, the Student Satisfaction Survey (SSS) began on January 24, 2024, with 10% of responses received within two days, as required by NAAC.
- The DVV response and clarifications were provided on February 13, 2024, based on the findings.
- The Peer Team Visit for the 4th Cycle of NAAC Accreditation was scheduled for June 18 and 19, 2024.

Glimpses of the programs organized by IQAC during AY 2023-24

	Faculty Induction Program
	Orientation Program
	Special Lecture on 'Challenges in NEP 2020 Implementation'

	Workshop on 'Outcome based Learning in HEIs for Quality Education'
	Workshop on 'Skill Development'
	Workshop on 'Professional Ethics'

	Prof. R. S. Mali's visit on 12th April 2024.
	Dr. Smita Shukla visit on 25th May 2024.
	Mr. C.D. Bhosale visited 27th May 2024.
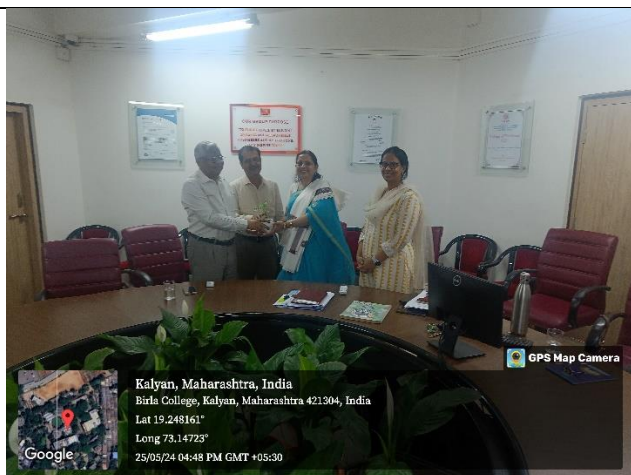
	Dr. Usha Mukundan Visited 5th June 2024
	Dr. Shubhada Nayak visited 5th June 2024