

About the College

Birla College of Arts, Science and Commerce, Kalyan, a premier institution of higher learning, affiliated to the University of Mumbai, is a multi-faculty institution of higher education with an enrolment of more than 9,000 students. College was established in 1972, by Kalyan Citizens' Education Society. The College has been re-accredited (3rd Cycle) and awarded 'A' Grade with CGPA – 3.58 in 2014. The College has been awarded the “Best College Award” (in the urban category) by the University of Mumbai (2009). The College has been awarded 'IMC - RBNQ Performance Excellence Trophy – 2011' in Education. The College has been certified with the ISO 9001: 2008. The College has been bestowed with 'College of Excellence' status (2015-2020) by UGC. Recently, the College has been awarded 'Star Status' to Physics, Chemistry, Botany, Zoology and Microbiology Departments by the Department of Biotechnology (DBT), New Delhi.

Instruments and Facilities

- HPLC WITH UV and PDA detector
- HPTLC with Scanner & Photo Doc
- GC with FID Detector
- FTIR
- UV-Vis Spectrophotometer
- Flame Photometer
- Atomic Absorption Spectrophotometer
- PCR with GEL Doc system
- Friability and Hardness Tester
- Sonicator , Nephelometer
- Solid phase Extractor
- Vertical and Horizontal Electrophoresis
- Tablet Dissolution and Disintegration apparatus
- Specialised PTC and ATC laboratory
- AFM
- Particle size analyzer
- Thermal Flash Evaporator
- BET
- Flash Chromatography
- Spectrofluorimeter

KALYAN CITIZENS' EDUCATION SOCIETY'S BIRLA COLLEGE OF ARTS SCIENCE & COMMERCE, KALYAN

Affiliated to University of Mumbai



Courses offered and Eligibility



M.Sc . Bioanalytical Sciences (20 seats)

B. Sc. In any one of the following subject: Chemistry, Zoology, Botany, Biotechnology, Microbiology, Life Sciences, Biochemistry with Chemistry as one of the subjects at S.Y.B.Sc. (Total 5 Units) or equivalent .

Admission through Entrance Examination

M.Sc. Biotechnology (25 Seats)

B.Sc in Biotechnology with at least six units in Biotechnology or with three units in Biotechnology at T.Y.B.Sc. in combination with three units of any other major subject at T.Y.B.Sc. level



M.Sc. Environmental Sciences (25 Seats)

B. Sc. In Zoology, Botany, Biotechnology, Microbiology, Chemistry, Life Sciences, Geology, Agriculture from any recognized University with minimum 45% aggregate marks.

Admission through Entrance Examination



P. G. Diploma in Herbal Sciences (25 Seats)

B.Sc. in any subject from Biological Sciences/ Biochemistry/Chemistry with any one subject of Biological Sciences up to second year from any recognized University

Admission through Entrance Examination



P. G. Diploma in Bio-Nanotechnology (20 seats)

M.Sc. in Chemistry/Physics or in any subject of Biological Sciences (Life Sciences/ Botany/ Zoology/ Biotechnology/ Microbiology/ Biochemistry/ Herbal Sciences/ Agricultural Sciences etc) or Nanosciences and Nanotechnology/ Bioanalytical Sciences from University of Mumbai or any recognized University.



Course Highlights

M.Sc. Bioanalytical Sciences

- Two years full time course
- Lectures by Experts from industries and Academic institutions
- Industrial Visits, Excursions, Industrial training, Project work
- Acceptability of course in Pharmaceutical and Related Industries
- Combines classroom-based education with practical work experience

M.Sc. Biotechnology

- Two years full time course
- Department is well equipped with PTC and ATC labs
- Exposure to various Research Laboratory
- Industrial Visits and Excursion
- Curriculum based project work
- Developing presentations skills with classroom presentations

M.Sc. Environmental Sciences

- Two years full time course.
- Project report and Presentations.
- Public lectures and Workshops.
- Field Visits/ Surveys/ Industrial Exposure/ Eco-tour.
- Seminars.

P.G. Dip in Herbal Sciences

- One year full time Course.
- Industry Oriented Course
- Industry Oriented Projects
- Hands on training in HPTLC, HPLC and FTIR.
- Field visits and Industrial visits

P.G. Dip in Bio-Nanotechnology

- One year full time course.
- Unique, Innovative course sponsored by UGC.
- Well equipped Nanotechnology & Biotechnology Laboratory.

(All courses are under Credit Based Semester and Grading System, University of Mumbai)

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