Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**B. K. Birla College of Arts, Science and Commerce (Autonomous), Kalyan**
Name of the head of the Institution	**Dr. Avinash Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02512231293**
Mobile no.	**8080104048**
Registered Email	**principal@bkbirlacollegekalyan.com**
Alternate Email	**birlaprincipal1972@gmail.com**
Address	**B. K. Birla College Road, Kalyan, Dist. Thane, Maharashtra**
City/Town	**Kalyan**
State/UT	**Maharashtra**
Pincode	**421304**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**10-Jul-2018**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Meeta Bhot**
Phone no/Alternate Phone no.	**02512230740**
Mobile no.	**9820748733**
Registered Email	**meeta.bhot@bkbirlacollegekalyan.com**
Alternate Email	**meetabhot@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://www.bkbirlacollegekalyan.com/pdf/AQAR-2018-19.pdf**

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.bkbirlacollegekalyan.com/files/menu_link/file/369/Academic%20calender%202019-20%20(1).pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Period To
1	**Five Star**	**0**	**2002**	**15-May-2002**	**14-May-2007**
2	**A**	**3.37**	**2008**	**16-Sep-2008**	**14-Sep-2013**
3	**A**	**3.58**	**2014**	**21-Feb-2014**	**20-Feb-2019**
3	**A**	**3.58**	**2017**	**21-Feb-2019**	**20-Feb-2021**
3	**A**	**3.58**	**2019**	**21-Feb-2021**	**31-Dec-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**22-Jun-2003**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
A webinar on 'Real Life Management' by Dr. D. Sivanandan, Former DGP, Maharashtra and Dr. Radhakrishnan Pillai, Deputy Director, Chanakya Institute of Leadership Studies, University of Mumbai	09-Jun-2020 1	300
A Webinar on 'Education Technology for Learning-e-Learning' by Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai	08-Jun-2020 1	150
A motivational Webinar, titled 'Chanakya and Management' by Dr. Radhakrishnan Pillai, Deputy Director, Chanakya Institute of Leadership Studies, University of Mumbai, Mumbai	27-May-2020 1	300
Webinar on Revised framework of NAAC Accreditation	23-May-2020 1	80
Webinar for Training on RUSA Web Based software Application in collaboration with State Project Directorate, RUSA	20-May-2020 1	60
A webinar on 'IPR and Patent writing' by Dr. Vaishali Palvankar, IPR Consultant, Mumbai	12-May-2020 1	300
Special lecture on IPR	20-Dec-2019 1	250
Degree Distribution Ceremony was organized for the students of UG and PG	22-Jan-2020 1	1200
Orientation programme for undergraduate students	08-Jul-2019 4	2800
Workshop on 'Autonomous Colleges in India: The Road Ahead'	07-Jan-2020 2	550

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
B. K. Birla College (Autonomous), Kalyan	CE	UGC, New Delhi	2015 1825	16000000
Computer Science, Information Technology and Mathematics	Star College Scheme	DBT, New Delhi	2019 1095	110000
B. K. Birla College (Autonomous), Kalyan	NRB Grant for Major Research Project	DRDO, New Delhi	2019 1095	1312000
B. K. Birla College (Autonomous), Kalyan	Unnat Bharat	Govt. of India	2019 365	50000
B. K. Birla College (Autonomous), Kalyan	PARAMARSH	UGC, New Delhi	2019 365	1500000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View Link](#)
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View Uploaded File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Orientation programme for undergraduate students was organized on 8th to 11th July, 2019 for the students of F.Y.B.Sc., B.A., B.Com., F.Y.B.M.M., F.Y.B.M.S., F.Y.I.T., F.Y.C.S, Community College. The students were briefed about the different activities like NCC, NSS, Sports, Certificate course, Library, Arts circle, WSC, WDC, Various courses etc. at B. K. Birla College (Autonomous), Kalyan. 2. B. K. Birla College (Autonomous), Kalyan jointly with Indian Institute of Advanced Study, Shimla (Under its UGC IUC Centre) organized a 2 Day Workshop on 'Autonomous Colleges in India: The Road Ahead' on 7th and 8th January, 2020 at Century Bhavan, Worli, Mumbai. Hon'ble Governor of Maharashtra, Shri Bhagat Singh Koshyari ji was the Chief Guest and delivered the inaugural address for the same. Eminent guest speakers like Prof. Suhas Pednekar, Vice Chancellor, University of Mumbai Dr. Snehalata Deshmukh, Former Vice Chancellor, University of Mumbai Dr. Vijay Khole, Former Vice Chancellor, University of Mumbai Dr. Rajan Welukar, Former Vice Chancellor of University of Mumbai Dr Vasudha Kamat, Former Vice Chancellor, SNDT University, Mumbai, etc. were invited for the workshop. Around 18 Autonomous Colleges from all over the Country and 11 from Maharashtra including University of Mumbai participated in the workshop and shared their Best Practices, Vision and Suggestions for Future Growth. Eminent Experts from Academics, Officials from Government and UGC were present. 3. A webinar on 'IPR and patent writing' by Dr. Vaishali Palvankar, IPR consultant, Mumbai organized by IQAC on 12th May 2020. Around 300 participants had joined the session. In this lecture detailed overview of IPR and Patent writing was given. She explained the concept of IPR in depth and also told about IPR filling. 4. Webinar for Training on RUSA Web Based software Application in collaboration with State Project Directorate, RUSA Maharashtra was organised on 20th May 2020. 5. A Webinar on 'Education Technology for Learning – e – Learning' by Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai for faculty members of the College and Colleges under Paramarsh Scheme of UGC was organized by IQAC on 8th June 2020. Around 150 participants had joined the session.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To organize workshop on Evaluation System	Board of Examinations of B. K. Birla College (Autonomous), Kalyan organized a 2-Day online workshop on 'Scientific Approach to Student Evaluation' for the faculty members of the college on 9th and 10th June 2020 under the guidance of Prin. Ashok Pradhan, Former Vice Chancellor, YCMOU, Nashik and Dr. Naresh Chandra, Director (Education), BKBCK. Dr. Anuradha Deshmukh, Former Professor & Director, Centre for Collaborations & Special Initiatives, YCMOU were the resource persons for the same. All the faculty members were benefited by the knowledge of different aspects of Evaluation.
To organize Orientation programme for undergraduate students	More than 2500 students attended the orientation program from 8th July to

	11th July 2019 to understand the culture of the College to inculcate the interest towards the College
To organize workshop on National Education Policy	A Guest lecture was organised on 'National Education Policy (NEP)' on 1st August, 2019. Dr. Vijay Khole, Former Vice Chancellor, University of Mumbai was invited for the same. B. K. Birla College (Autonomous) Kalyan and B. K. Birla Public School Kalyan jointly organized a Webinar on 'National Education Policy - 2020' on 3rd August, 2020. Hon'ble Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai & Member, Committee delivered a talk on 'Draft National Education Policy'. Around 6000 participants attended the webinar.
To organize a seminar / workshops / Lecture on 'IPR and Patent writing'	The lecture on IPR was conducted on 20th December 2019 to help students and teacher about the safety, reliability of patents, copy and trademarks. It also helped them to understand the necessity to protect the Intellactual Property from unlawful infringement from a third party. The College also had organized a webinar on 12th May 2020 on 'IPR and Patent Writing'. Both the session werre conducted by Dr. Vaishali Palvankar, IPR consultant, Mumbai.
To organize a workshop for Training on RUSA Web Based software Application in collaboration with State Project Directorate, RUSA Maharashtra	On 20th May 2020, a webinar based on web software application had organized were Teachers learned the cross platform compatibility, protecting the data and customization of different devices.
To organize a workshop for Autonomous Colleges	B. K. Birla College (Autonomous), Kalyan jointly with Indian Institute of Advanced Study, Shimla (Under its UGC-IUC Centre) organized a 2 Day Workshop on 'Autonomous Colleges in India: The Road Ahead' on 7 - 8 January, 2020 at Century Bhavan, Worli, Mumbai. Hon'ble Governor of Maharashtra, Shri Bhagat Singh Koshyari ji was Chief Guest and delivered the inaugural address for the same. Around 18 Autonomous Colleges from all over the Country and 11 from Maharashtra and University of Mumbai participated in the workshop and shared their Best Practices, Vision and Suggestions for Future Growth. Eminent Experts from Academics, Officials from Government, UGC were present.
To organize a workshop on 'Education	A webinar on e-Learning was organized

Technology for Learning – e – Learning'	on 8th June 2020 delivered by Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai focusing on online learning to accommodate everyone needs during Pandemic Situation of COVID-19. It also helped in instant career advancement as a quick way of learning.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	**31-Dec-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**05-Feb-2020**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**13-Feb-2020**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**MIS (Partial) Dynamic website: We have dynamic website having facility of Addition / Updation /deletion of following • Notices / Events / News / Newsletter. • Details of faculties (Research / Book publication, Seminar, Workshop, etc.) / Student's achievements. • Designation / Department / sub department. • Photo gallery • Alumni Registration • Online admission (Application), etc. Admission software (Fee receipt / LC / TC / Bonafide, etc.) Examination software (Result generation) : Addition of students details / subject details / marks entry / exam schedule / Hall Ticket generation / Mark sheet generation Accounting Package Voucher entry, Export of Ledger in Excel /PDF format, Balance sheet, Income**

Expenditure statements, Check printing, etc. Payroll system Learning Management System using smart board Student Attendance System (RFID) Staff Attendance System (Face Recognition / Thumb impression) To accomplish this successfully we have dedicated Servers / Laptops / Desktops / Printers. WiFi / LAN Network System / CCTV Systems. Even in the pandemic, the College was able to continue the teaching learning process through office 365 tools such as outlook for smooth communication and MS Teams for imparting educational instructions.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	BUA	B.A. (T.Y. B.A. Hindi)	15/06/2019
BA (Journalism)	BUA	T.Y.B.M.M.	14/09/2019
BSc	BUS	B.Sc. (T.Y. B.Sc. Microbiology)	02/05/2019
BSc	BUS	B.Sc. (T.Y. B.Sc. Biotech)	15/06/2019
BCom	BUC	B.Com. (T.Y. B.Com. Banking Insurance)	15/06/2019
BCom	BUC	B.Com. (T.Y. B.Com. Accounting Finance)	15/06/2019
BMS	BUC	T.Y.B.M.S.	15/06/2019
MA	BPA	M.A. Hindi	15/06/2019
MSc	BPS	M.Sc. Chemistry	27/04/2019
MSc	BPS	M.Sc. Physics	15/06/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BA	Certificate Course in Competitive Exams (History)	01/08/2019	BCEH: Competitive Exams (History)	01/08/2019
BA	Certificate	01/08/2019	BCTT: Travel	01/08/2019

Course in Travel and Tourism			and Tourism	
BSc	Certificate Course in Web Designing	01/08/2019	BCWD: Web Designing	01/08/2019
BSc	Certificate Course in Advanced Excel 2	01/08/2019	BCAEL: Advanced Excel 2	01/08/2019
BCom	Certificate Course in Office Management	01/09/2019	BCOM: Office Management	01/09/2019
BCom	Certificate Course in Personality Development	01/09/2019	BCPD: Personality Development	01/09/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	Certificate Course in Competitive Exams (History)	01/08/2019
BA	Certificate Course in Competitive Exams (Political Science)	01/08/2019
BSc	Certificate Course in Advanced Excel 2	01/08/2019
BSc	Certificate Course in Competitive Mathematics	01/08/2019
BCom	Certificate Course in Office Management	01/09/2019
BCom	Certificate Course in Personality Development	01/09/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Zoology	15/07/2019
MSc	Environmental Science	15/07/2019
MSc	Computer Science	15/07/2019
MSc	Information Technology	15/07/2019
MSc	Bioanalytical Science	15/07/2019
MSc	Biotechnology	15/07/2019

MCom	Advanced Accounting	15/07/2019
MCom	E-Commerce	15/07/2019
BA	Economics (English Medium - 6 Unit)	10/06/2019
BA	Economics (Marathi Medium - 6 Unit)	10/06/2019
BA	History (English Medium)	10/06/2019
BA	History (Marathi Medium)	10/06/2019
BA	Political Science (English Medium)	10/06/2019
BA	Political Science (Marathi Medium)	10/06/2019
BA	Geography	10/06/2019
BA	Hindi	10/06/2019
BA	Marathi	10/06/2019
BA	English	10/06/2019
BA (Journalism)	Mass Media	10/06/2019
BSc	Mathematics	10/06/2019
BSc	Botany	10/06/2019
BSc	Chemistry	10/06/2019
BSc	Microbiology	10/06/2019
BSc	Physics	10/06/2019
BSc	Zoology	10/06/2019
BSc	Biotechnology	10/06/2019
BSc	Computer Science	10/06/2019
BSc	Information Technology	10/06/2019
BCom	Accountancy	10/06/2019
BCom	Commerce	10/06/2019
BCom	Accounting and Finance	10/06/2019
BCom	Banking and Insurance	10/06/2019
BCom	Financial Management	10/06/2019
BMS	Management Studies	10/06/2019
MA	Hindi	15/07/2019
MA	Marathi	15/07/2019
MA	History	15/07/2019
MA	Political Science	15/07/2019
MA	Business Economics	15/07/2019
MSc	Chemistry	15/07/2019
MSc	Microbiology	15/07/2019
MSc	Botany	15/07/2019

| MSc | Physics | 15/07/2019 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Foundation Course for Yoga	01/06/2019	350
Certificate Course in Travel and Tourism	06/08/2019	133
Certificate Course on Environmental Nanotechnology	01/09/2019	45
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BA	Bachelor of Arts	31
BSc	Bachelor of Science	72
BCom	Bachelor of Commerce	26
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The teaching-learning process in the College is enhanced by regular feedback from the stakeholders. The feedback form comprises of seven different parameters namely effectiveness in teaching, clarity of voice, communication skills, use of examples and illustrations, readiness to extend extra help, punctuality of the teacher, level of discipline in the class, level of classroom discipline, and student teacher interaction. The feedback of approximately 50 of the students is collected in a randomized manner, viz. if the number of students in the class are more than 25 then 10 students are randomly selected and asked to fill the forms for each of the teacher teaching them their subjects. For a class where the number are students are less (e.g. M.Sc.) all the students are asked to fill the feedback forms. For analysis average is calculated considering score allotted for each parameter by the student. Based on the average, the final score for each teacher is calculated. The data thus generated is further processed by the Department of Mathematics. In an event of considerably low score in any of the seven criteria mentioned above or if any specific remark is given by the student, the teacher is made aware about the same by Head of the Department, and asked to take the

corrective measures. This system helps in maintaining the quality of the teaching learning process. Students also fill student satisfaction forms. There are eight parameters in the form namely Teaching-Learning process, Conduct of Examination, Library facilities, Extra-curricular activities, Sports facilities, Security services, Grievance Redressal and Drinking Water and Washroom facilities. The infrastructural / Co-curricular facilities are improved by the college authorities as a regular practice. The feedback given by the students in the students' satisfaction form is taken into consideration during this process. The departments of Computer Science and Information Technology collect the online feedback through Google forms. Feedback is also obtained from the parents through the scheduled parent teachers meeting. Their suggestions and concerns are noted down and considered critically for the overall improvement of the college function for the benefits of the students. Every department has its own alumni group continuously interacting with their teachers through social media platform and giving positive feedback about the improvement of the department and College as a whole. Once in a year, alumni meeting is called by the college. The Alumni share their valuable inputs with the College authority and willingly help in the quality improvement of the College.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Zoology	12	47	12
MA	Marathi	60	29	24
BCom	F.Y.B.Com. (A&F)	204	613	198
BCom	F.Y.B.Com.	650	1333	602
BSc	F.Y.B.Sc. (Computer Science)	86	484	86
BSc	F.Y.B.Sc.	288	912	250
BA	F.Y.B.M.M.	72	217	68
BA	F.Y.B.A.	410	551	376
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	5946	1130	44	8	41

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
93	93	61	61	21	11

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Many students in the College are first generation learners. Student Mentoring is the key to ensure good performance of the students. Mentors take care of overall wellbeing of students and provide them a support system to cope through their student life. Each class is divided into groups, which are allocated to each subject teacher of the class. The mentor- mentee ratio varies as per the number of students in the class. The mentor-mentee ratio in Arts, Science and Commerce faculties vary from 1:25 to 1:45 averaging out to 1:32. The mentor teachers identify the levels of learners and suitably guide them. Based on the individual learning level, students are given certain extra sessions for problem solving, practical revision, theory concept learning, application oriented case- studies, etc. The students are encouraged to use various e-resources and library resources to pique their interest further in the subject and ensure they score high and gain further insights into the subject of interest beyond the prescribed syllabus. The students needing more assistance are provided with additional problem-solving sessions, practical sessions and question banks to bring them at par with the rest of the class. The students are free to approach any of the mentors, in case of difficulty and seek guidance. Also the mentors are easily approachable on mobile and in person for the concerns regarding accessibility to content of syllabi and extra reading material through the Teams Classroom and SharePoint. The academic mentoring is supplemented with emotional and psychological support provided through the teachers, senior teachers, vice-principal and principal. The College has a counseling center where the students can approach or peers can recommend a case which is then taken up by the concerned faculty. The students are often seen to avail of this facility when in need of counseling or support. The College also has a Centre for Yoga and Philosophy which conducts workshops for Yoga, Meditation and Personality Development for the overall wellbeing of the students. The College gymkhana has appointed coaches and the talented students are groomed for physical and mental endurance for enhanced performance in sports. The year 2019-20 posed a huge challenge of Covid-19 pandemic. Faculty conducted surveys, personal counseling sessions to gauge the state of mind of students and the digital connectivity of the students, at their current residence. Once the basic digital connect of students was determined, the college provided Microsoft email IDs to students and organized Online Microsoft Teams Training sessions. Teachers developed personal connectivity with students and their parents to overcome the fear psychosis and bring them into the fold of Digital Learning. Webinars on Personality development, alternate career guidance digital Tools were organized to train the students on self- image enhancement. The College organized Public Lectures of Eminent Speakers of Pandemic Frontline Workers disburse information about preventing the spread of COVID. The College provided training for online examinations based on multiple choice questions using Schoolguru Qurio application.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2976	93	1:32

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
116	93	23	22	61

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies

2019	Dr. M. M. Khandpekar	Associate Professor	All India National Level Indian Association of Physical Teachers (IAPT) NCWEP Essay Competition (Teachers Category)
2019	Dr. M. M Khandpekar	Associate Professor	Patent awarded for A Method for Synthesis of Doped LaF3: Ce Nanoparticles Modified by Glutamine for Biomedical Applications,
2019	Dr. Sitaram Mhaske	Assistant Professor	Ph. D. Degree Awarded
2020	Dr. Pratibha Gadhe	Assistant Professor	Ph. D. Degree Awarded

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BCom	BUCFM	VI	16/10/2020	22/10/2020
BSc	BUSPH	VI	16/10/2020	22/10/2020
BA	BUAECO604	V	14/10/2019	11/12/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
45	1893	2.37

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.bkbirlacollegekalyan.com/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage

BUABMM	BA (Journalism)	T.Y.B.M.M	64	64	100
BUSIT	BSc	T.Y.B.Sc. (Information Technology)	108	108	100
BUCFM	BCom	T.Y.B.Com. (Financial Management)	62	62	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

 https://www.bkbirlacollegekalyan.com/files/menu_link/file/311/Annexure_Feedback_analysis2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nill	Nil	Nil	Nill	Nil
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	365	DBT	1100000	250000
Projects sponsored by the University	365	University of Mumbai	591000	0
Interdisciplinary Projects	1095	DRDO, NRB	2854000	1512000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.19

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on UV/UX Design	Information Technology	07/08/2019
Seminar on 'Artificial Intelligence'	Information Technology	07/08/2019
IPR and Patent Writing	IQAC	12/05/2020
Webinar on 'Knowledge Series Hygiene Reboot: A Step Towards Revival Session on Cyber Hygiene	Information Technology	19/05/2020
Webinar on 'Unlocking Cost Efficiencies and Driving Procurement excellence with AI/ML/ powered Commodity Price	Information Technology	19/05/2020
Webinar on Digital Adoption and Way Forward	Information Technology	26/08/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Project-Prepaid Vehicle System	Ms. Geeta Singh and Ms. Pratiksha Salunke	District level of AVISHKAR (University of Mumbai)	21/12/2019	Student
project work-'Phytochemical and Antibacterial Evaluation of Formulated hand sanitizers from different natural sources and waste materials	Ms. Nidhi Gowindwar and Mr. Mueeb Nerekar	Marathi Vidnyan Prasisha's Vidnyan Sanshodhak Puraskar-2019	02/02/2020	Student
International Economics Convention	Mr. Shubham Khairnar, Mr. Parth Ahire, Ms. Elmo Kripalani, Mr. Amrut Dabir, Ms. Komal Kolambkar, Ms. Sapna Jha and Ms. Saloni Bhalerao	Hyderabad (Sind) National Collegiate (HSNC) Board	14/12/2019	1st Runner Up Prize - Best Team Overall Performance
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
B. K. Birla College (Autonomous), Kalyan	Entrepreneurship Cell and Skill Hub Incubation Centre	RUSA, Maharashtra	Nill	Nill	03/02/2019

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Botany	4
Biotechnology	1
Physics	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Zoology	7	7.97
International	Physics	8	2.58
International	Bioanalytical Science	12	6.51
International	Environmental Science	3	3.54
International	Biotechnology	11	6.7
National	Microbiology	1	5.95
National	Botany	2	5.75

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	1
Bioanalytical Sciences	8
Mathematics	3
Zoology	1
Biotechnology	3

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Method for Synthesis of Doped LaF3: Ce	Published	30681	19/07/2019

Nanoparticles Modified by Glutamine for Biomedical Applications.						

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
High efficiency dye-sensitized solar cell based on a novel gel polymer electrolyte containing RbI and tetrahexylammonium iodide (Hex4NI) salts and multi-layered	TMWJ Bandara, L Ajith DeSilva, JL Ratnasekera, KH Hettiarachchi, AP Wijerathna, Madhavi Thakurdesai, Joshua Preston, Ingvar Albinsson, B-E Mellander	Renewable and Sustainable Energy Reviews Volume 103 ISSN 1364-0321	2019	26	B. K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan	26
Qualitative HPTLC phytochemical profiling of Careya arborea Roxb. bark, leaves and seeds	Priyanka Gupta, Darshana Patil and Dr. Avinash Patil	3 Biotech 9(8):311	2019	1	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan	1
GC-MS analysis of bio-active compounds in ethanolic extract of leaf and stem of Asclepias curassavica L.	Varsha Shelke and Dr. Meeta Bhot	International Journal of Pharmaceutical Investigation, Vol 9 No 2 ISSN -2230-973X	2020	6	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan	6
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A Study on Progression of Entrepreneurial Skills of Entrepreneurs in Thane District	Mrs. Lakshita Soni	Studies in Indian Place Names (UGC CARE Journal)	2020	1	0	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan
The New Black of The World: A Critical Study of Status of Indian Dalits: Ambedkarite Perspective	Dr. Grishma Manikrao Khobragade	Dr. Babasaheb Ambedkar: The Man Beyond the Time	2020	1	0	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan
'Insight into Reformation of Municipal Taxes: The Approach of Bombay Municipal Act II Of 1888'	Dr. Swapna Samel	AMIERJ, Peer Reviewed Multidisciplinary Journal	2020	3	0	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan
Qualitative HPTLC phytochemical profiling of Careya arborea Roxb. bark, leaves and seeds	Priyanka Gupta, Darshana Patil and Dr. Avinash Patil	3 Biotech 9(8):311	2020	11	1	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan
Quality evaluation and high performance thin layer chromatography fingerprint profile of	Priyanka Gupta, Darshana Patil and Dr. Avinash Patil	Journal of Pharmacognosy and Phytochemistry 8(1), ISSN Print: 2349-8234	2019	11	1	B.K. Birla College of Arts, Science and Commnerce (Autonomous), Kalyan

Careya arborea Roxb. Seeds				
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	238	773	477	2724
Presented papers	10	67	0	2
Resource persons	4	2	0	31
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
B. K. Birla College (Autonomous), Kalyan	PARAMARSH Scheme of UGC	UGC, New Delhi	1500000
Department of Chemistry	NRB Grant for Major Research Project	DRDO, New Delhi	100000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
		No file uploaded.		

3.6 – Extension Activities

3.6.1 – 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 activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
World Environment Day	1 Mah. Girls Bn NCC, Mumbai B Group, NSS, Environmental Sciences Department.	10	173
International Yoga Day	Kaivalyadhama Yoga Institute Research Center,	8	240

	Lonavla B. K. Birla College (Autonomous), Kalyan NCC, NSS and College Staff			
Medicinal Trees Plantation Drive	NSS Unit	3	250	
Tree Plantation	NCC Unit, NSS, Geography Department	9	152	
Blood Donation Camp	NCC, NSS Unit and B. K. Birla College (Autonomous), Kalyan	10	100	
Village Adoption and Book Donation program	NSS Unit	3	150	
Disaster Management Training	NSS Unit and Durgaveer Pratishthan, Kalyan	3	123	
Ignite 2019 on 6th Feb 2020	NSS Unit and University of Mumbai	3	350	
International Drugs Abuse Day	NCC and Disha Samajik Sanstha	5	150	
Road Safety Awareness Program	NCC, NSS and Kalyan Traffic Police, Khadakpada Police Station	8	125	

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
UDAAN	1st Prize	S. K. Somaiya College, Mumbai	1
District Level Speech Competition	3rd Prize	Bharat College, Badlapur	2
University Level Speech Competition	Participated	University of Mumbai	1
University Level Quiz Competition	Participated	University of Mumbai	2
University Level Seminar	Participated	University of Mumbai	3
Utkarsh Selection Camp	Participated	SST College Ulhasnagar and University of Mumbai	3
University Level Mega Seminar and	Participated	University of Mumbai	1

Workshop				
National Integration Camp	Participated	Govt. of India		1
State Level Camp	Participated	Govt. of Maharashtra		3
State Republic Day Parade	Participated	Govt. of Maharashtra		3
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3.6.3 – 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 participated in such activites	Number of students participated in such activites
NCC, NSS, Gandhian Studies Center, Dr. Ambedkar Studies Center, Womens Development Cell, DLLE, Environmental Sciences Department	NCC and NSS Unit	Vriksha Dindi	3	2000
NSS	NSS Unit	Nirmalya Collection in Ganesh Festival	3	80
NCC, NSS, Gandhian Studies Center, Dr. Ambedkar Studies Center, Womens Development Cell, DLLE	NCC and NSS Unit	Peace Rally	3	79
NSS and Rukhminibai Hospital (KDMC)	NSS and Rukhminibai Hospital (KDMC)	Pulse Polio Immunization	3	67
NSS	NSS Unit and Traffic Police, Kalyan	Traffic Awareness Program	3	53
NSS and Dept. of Marathi	NSS and Dept. of Marathi	Marathi Bhasha Diwas	3	69
NSS	NSS Unit	Self-Defense Training for Girls and School Dropout Survey	3	105
NSS	NSS Unit	Disaster Management Training	3	150

NSS	NSS Unit	Anti-narcotics and Anti-tobacco Day	3	350

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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Workshop on 'Statistical Analysis'	Prof. Beheruz Setna University of West Georgia, USA	Digital platform of Microsoft Teams	1
Webinar on 'Gender and Race Burden in African-American Literature'	Dr. Eugene Ngezem Department of English, Clayton State University, USA	Digital platform of Microsoft Teams	1
International Faculty Exchange	Dr. Shyamsunder Pandey	500,000 yen/Month (Rs. 325,000/- per month)	730
Research	Dr. Sandesh Jaybhaye (Project Collaboration with NMRL, Ambernath)	NMRL, Ambernath	1095

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Sharing of Research Facilities	Research Investigation	Indian Institute of Technology, Bombay	17/06/2019	30/05/2020	Faculty and Students
Industrial visits and Training	Visits and Training	Century Rayon, Shahad	17/06/2019	30/05/2020	Faculty and Students
Sharing of Research Facilities	Research Investigation	Advanced Centre for Treatment, Research and Education in Cancer, Navi Mumbai	17/06/2019	30/05/2020	Faculty and Students

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
University of West Georgia, USA	17/06/2019	Faculty Exchange Programme	Nill
Saket College, Kalyan	17/06/2019	Student and Faculty Exchange	Nill
University of North Carolina	17/06/2019	Faculty Exchange Programme	Nill
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
27000000	26440365

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Seminar Halls	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsys7	Fully	7	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21445	3266418	130	22573	21575	3288991
Reference	58836	18987450	288	426628	59124	19414078

Books					
e-Books	0	0	33	282842	33	282842
Journals	0	0	65	140880	65	140880
CD & Video	600	248572	0	0	600	248572

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mr. Prakash Sansare	Mathematics	Youtube (OBS Studio, Camtasia and Wacom with Stylus)	22/03/2020
Mr. Akash Kamble	Computer Science	Youtube (OBS Studio and Camtasia)	29/07/2020
Mr Suraj Agarwala	Management Studies	YouTube (MS-PowerPoint etc.)	15/07/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	405	12	360	13	10	40	163	50	4
Added	62	0	0	0	0	0	0	25	1
Total	467	12	360	13	10	40	163	75	5

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

75 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
LMS - Microsoft Teams, Animation Lab, E-Yantra Lab, 24 Smart Classrooms, Media Lab. Equipped with Digital Podiums, Sound System and Wi-Fi facility.	https://www.bkbirlacollegekalyan.com/pdf/Microsoft_Teams.pdf
LMS - Microsoft Teams, Animation Lab, E-Yantra Lab, 24 Smart Classrooms, Media Lab. Equipped with Digital Podiums, Sound System and Wi-Fi facility.	https://www.youtube.com/channel/UCwSoFj6mxjK3b6QZOIwf46g/videos

LMS - Microsoft Teams, Animation Lab, E-Yantra Lab, 24 Smart Classrooms, Media Lab. Equipped with Digital Podiums, Sound System and Wi-Fi facility.	https://www.youtube.com/watch?v=wIMH5hX_xiA
LMS - Microsoft Teams, Animation Lab, E-Yantra Lab, 24 Smart Classrooms, Media Lab. Equipped with Digital Podiums, Sound System and Wi-Fi facility.	https://www.youtube.com/channel/UC2XYeBs6HBh7uz2imwlr_nA/videos

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
12600000	12609121	16701900	16701858

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

A decent and well-maintained physical infrastructure with essential amenities is the basis for delivering a better education environment for all the stakeholders. The college authorities have been continuously taking several corrective measures to facilitate a better learning environment. Well-established policies and procedures adhering to the required standards are followed to augment its existing infrastructure and develop new ones for facilitating new programmes. Following are the few concrete steps and monitoring mechanisms that the college authorities have adopted for maintaining its various facilities within the college campus: • Campus Security: ? Security personnels outsourced from a dedicated security agency are deployed 24x7 to safeguard the entire campus, ? The entire campus is networked with IP based CCTV setup for vigilance. ? An adequate number of different categories of fire extinguishers are installed at appropriate locations within the campus. Every year, fire fighting training through experts is being organized to train our support staff to handle unforeseen emergencies. ? Security personnel cabins and a Visitors cabin with a visitor management system are established at college entry gates to check visitors. • Basic Amenities: ? Drinking water: A standard UV water filtration plant is implemented for facilitating the supply of safe drinking water at various locations within the college campus. An adequate number of water purifiers and water coolers are also installed. ? Washroom and Toilets: With the increasing students strength, two additional well-furnished fabricated toilet blocks have been installed at two separate locations within the college campus. Sanitary Vending Machines are also placed in ladies washrooms. ? Canteen: A separate canteen block is built within the college premises. This facility is outsourced to a professional caterer through a yearly contract for providing hygienic and delicious food at an economical rate. ? Ladies common room: A separate room for girls is being provided for their privacy and comfort. • Repairs and Maintenance: ? The college authority has appointed an Army Major to administer the day to day issues related to infrastructure repairs and college maintenance ? Any repairs and maintenance tasks related to electrical, plumbing, carpentry, civil and others are addressed through outsourcing the work to professional handymen and contractors. A separate register for registering requisitions and complaints is maintained for appropriate, timely action. ? Annual Maintenance Contract (AMC)

for computers, Fire Extinguishers, Pest Control, Laboratory Apparatus, Printers, Photocopying Machines, Water Coolers, Fans, Air Conditioners and Water Purifiers are outsourced with private agencies. ? An adequate number of outsourced housekeeping staff has been deployed on a full-time basis to take care of the campuss housekeeping jobs, gardening, and campus beautification. • ICT Amenities: ? The entire campus is Wi-Fi enabled for providing internet facility to staff and students. ? The functioning and delivery of services are automated with the ICT setup for facilitating speedy services to students and staff. ? RFID and Biometric system is adopted to maintain discipline and keeping track of students and staff attendance. ? A dedicated, dynamic website and mobile app are designed and maintained through a private vendor

https://www.bkbirlacollegekalyan.com/pdf/procedures_policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	B. K. Birla College of Arts, Science and Commerce, (Autonomous), Kalyan	109	200524
Financial Support from Other Sources			
a) National	Dept. of Social Welfare, Govt. of Maharashtra	1067	11105472
b)International	NA	0	0
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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 implemetation	Number of students enrolled	Agencies involved
Six days workshop on 'Healthy Body Healthy Mind'	17/07/2019	63	UGC sponsored Centre for Yoga Philosophy
Certificate Course in German (level 1)	20/06/2019	36	Centre For Foreign Languages
Workshop on Career Guidance and softskill Development	20/07/2019	122	Department of Zoology
Bridge Course on basics of English language	23/07/2019	89	Department of Management studies
Workshop on Aquiarium setup, maintanance and Ornamental fish	24/11/2019	57	Department of Zoology

	rearing				

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 for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	JAM	85	85	7	0
2019	N.C.C.	33	330	4	4
2019	NET	85	85	5	1
2020	GATE	85	85	1	1

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	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Capgemini	53	26	Nill	Nill	Nill

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	22	B.A. (History)	Department of History	B. K. Birla College (Autonomous), Kalyan	M.A. (History)
2020	7	B.A.(Marathi)	Department of Marathi	B.K.Birla College (Autonomous), Kalyan	M.A. (Marathi)
2020	1	B.Sc. (Botany)	Botany	D.Y.Patil College	M.B.A.
2020	2	B.Sc. (Microbiology)	Microbiology	DY Patil School of biotechnology	MSc Genetic Engineering

	and bioinfor matics	

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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	Number of students selected/ qualifying
NET	6
SET	4
GATE	1
Any Other	9

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Chess Competition	Inter Collegiate Level	312
Squash Competition	University Level	25
One act play	State	18
Flash mob	Inter Collegiate	60

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5.3 – Student Participation and Activities

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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze Medal	International	1	Nill	33109	Mansi Jade

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student council is the students leadership of the institution. It is also to inculcate the leadership values in the students and train them to be future leaders in the society. The students' council helps to share students' ideas, interests, and concerns with teacher and college administration. Students were shortlisted on the basis of Merit from all the class. First and second Merit holder of each class (Undergraduate and postgraduate) were Class Representative. In addition to the class representatives who are the merit holders, the student representatives from different extra and co- curricular activities are the part of statutory student council. These representatives bring to the notice of college administration the different facets and the ideas to improvise the activities which they represent. They also help the college authorities ib the smooth conduct of these activities and motivate their student friends to perform better. Students committees were formed. These students act for the students, by the students and of the students. The committees that were formed were 1) Office committee:- A group of three to four students was formed who acted as the representative of other students by helping them to solve their queries in respect of office related work. 2) Canteen Committee: A group of three to four students was formed who acted as

the representative of other students by helping them to solve the issues related the canteen. But no such issues were seen in the entire year. 3) Library Committee: It was formed to assist the students in respect of any of their queries of books, E Journals etc. 4) Safety and Security Committee: The purpose of this committee was to assist and guide students for the security measures available in the college. Students' Council members were acquainted with the profile of the College. Various meetings were held with the student council committee and the students were addressed regarding discipline, cleanliness, use of I-Card, Parking rules, drinking water facilities, sanitation facilities and Library facilities. Various activities conducted in the college through orientation program. All the students were actively involved in all the co- curricular and extracurricular activities throughout the year On 20th January 2020, new developments and new rules were informed by Principal, Dr. Avinash Patil to the Students' Council members. On 25th February 2020, awareness about college campus road in development plan was given among the students by Director (Education), Dr. Naresh Chandra Sir. On 3rd March 2020, Students Council had meeting with KDMC commissioner, Dr. Vijay Suryawanshi in the college wherein the Students' council raised the concern in safety of the students if the College campus road is included in the development plan. The Students' Council was coordinated by Dr. Seema Manchanda, Associate Professor, Department of Chemistry. In addition, the activity heads from N.C.C. (Lt. Cdr B.S.Wadekar) and sports (Dr. Harish Dubey), Dr. Vrinda Nishandhar and Mrs. Megha Devle also assisted the coordinator for organizing various activities in student council.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association of the college is the strong pillar of the college. In order to cherish the golden moments of the past and to encourage the future generation, the alumni always take a stand for the development of the personality of the students. The number of students registered under this association was 6226. Alumni meets are organized for guiding the students on various fronts like social welfare activities, social accountability etc. Every year an Alumni Meet is organized on the Republic Day. Every year Alumni participate in the flag hoisting ceremony on the Independence Day. Alumni also provide motivation and guidance to the N.C.C cadets for preparation of Vice chancellor's banner of Mumbai University. Many alumnis who have been Ex-Cadets and are serving the nation as commissioned officers in the three services i.e. Indian Army, Indian Navy, and Indian Air force as commissioned officers visit our college and motivate the present N.C.C cadets to join the armed forces. They also provide the tips to clear the C.D.S. exams and to crack the S.S.B. interviews. So far our twenty three such alumnis have joined armed forces as commissioned officers and are serving our mother land as the commanding officers of the Units, Ships and establishments. Their interactions with the cadets and the students aspiring to join armed forces have been brining fruitful results. This year also four students have joined Indian Army and Navy as Jawans and Sailors and many of them are still preparing for their C.D.S.C and S.S.B's. B.K.Birla College has a strong legacy in sprots. Many of our sportsmen have been awarded Shiv Chhatrapati Rajya Krida Puraskar, the highest award given by Government of Maharashtra in the field of sports. These awardees regularly visit our college and give their necessary inputs to the college administration and also to the present sportsmen to excel in the upcoming sports. Mr. Ashok Hundekar, Shiv Chhatrapati awardee for Volley ball visited our college in January 2020 and offered his availability to provide coaching to the present volley ball team of the college. Mr. Abhijeet Shinde, Shiv Chhatrapati awardee in the field of gymnastics owns a well equipped Gymnasium

at Baap Gav Village near Kalyan. He has also committed to the present gymnasts of the college to provide all kinds of training and the logistics support for the conduct of any kind of event related to gymnast. With his support the college could host intercollegiate gymnastic championship of University of Mumbai in the month of December 2019. Our alumni also participate in various arts and cultural programs and thereby giving guidance to the students who wish to groom their career in arts. Alumni assist the students in shaping their careers by guiding them on interview techniques, the life in the corporate world and placement opportunities. Alumni guide the students regarding leadership, sports, problem solving, proper team work through rotaract club. Alumni also guide students regarding entrepreneurial skills and how to open their startups, network building, sponsorship, branding etc.

5.4.2 – No. of registered Alumni:

6226

5.4.3 – Alumni contribution during the year (in Rupees) :

88150

5.4.4 – Meetings/activities organized by Alumni Association :

4

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

B. K. Birla College (Autonomous), Kalyan a multi-faculty premier institution of higher learning, with an enrolment of 7,000 students (for UG, PG and Research Programmes) is affiliated to the University of Mumbai. The College was established in 1972, by Kalyan Citizens' Education Society with the blessings of Late Shri B. K. Birla ji and Late Smt. Sarala ji Birla. Under Autonomy various bodies has been constituted like Governing Council, Board of Studies, Academic Council, Finance Committee, and Board of Examinations for the smooth functioning of both Academic and Administrative activities as per the University guidelines. The institution has a well-designed organogram with different bodies and committees. It aims to encourage leadership and manage different functions in tune with its vision and mission. 1. Participatory Management: The Institution has developed a system of efficient administration consisting of Director (Education), Principal and Vice Principals (Faculty wise and Unaided Courses). HoDs and Faculty Members also play an important role in implementing the vision and mission of the college. Department In-charge and Activity Coordinators have been appointed for each program offered by the self-financing unit. The College has constituted various committees and nominated Conveners to ensure a decentralized method of functioning. Some of the important committees of the college are Admission Committee, Discipline Committee, Gymkhana Committee, Arts Circle, Purchase Committee, Library Committee, Anti-Ragging Committee, Grievance Redressal Committee, Social Sciences Association, etc. Along with these, the Principal forms additional committees for specific functions/purposes such as Class-Wise Mentors, Discipline Maintenance Committee, Placement Cell, etc. The College has active Students' Council to give exposure and address their issues to the concerned authorities and assist in bridging the gap between the administration and the students. 2. Review Management: The College believes in monitoring, analysing, and developing strategies for overall growth of the institution. The Governing Council conduct meetings on regular basis for reviewing the functioning of the college. The Principal has an open-door policy. Issues, if any, are resolved

with due care. The College is ISO 9001-2015 Certified. The processes of administration are well defined. The College conducts Internal Audit twice a year as planned by ISO committee. The observations of External Auditors are well received and required actions are planned to strengthen Quality Management System. Academic audits and Safety audits are also conducted. Statutory Compliances are timely followed. The College has very active IQAC which promotes various activities of the College for academic enrichment. Heads of Department, plan and supervise the departmental activities like teaching learning and evaluation, student enrichment activities and Internal assessment etc. The mechanism of collecting and analysing students' feedback is well structured for improvising the academic process. The Management policy decision for monitoring the whole campus, security system was implemented.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Under Autonomy, the College has come up with changes in the syllabi as per the need of society and industries. Each Department has constituted a Board of Studies consisting of subject experts from reputed institutions and industries to get valuable inputs for the changes to be incorporated in the syllabus. The syllabus approved by the BoS members is presented in the Academic Council. The Academic Council reviews the format of the program in terms of rationale, structure, objectives, and mode of assessment. The add-on Certificate courses are offered by each department to make students future-ready.
Teaching and Learning	Emphasis is on the learner-centric approach. Smart classrooms enrich teaching-learning experience. Innovative methods like Flipped classroom, Simulation, etc. are used by faculty members. Student Engagement activities are conducted for a better learning process. Lecture series are conducted by Academicians, Eminent Scientists and Industry experts for both students and faculty. Collaboration facilitates hands-on practical training in the form of Internships. The cross-fertilisation of ideas across domains initiates the widening of the knowledge base. The students are encouraged for Field trips, Industrial visits and internships. Special activities are organised for aptitude and soft skill

		development of the students.
	Examination and Evaluation	Online platform is used for conducting Internal and semester end examinations with proctoring. For semester end examination and evaluation, each course of study is assessed through theory examination, class participation, project reports, presentations, etc. with prescribed weightage. RESO software is used for processing results. The College is having follows Credit Based Grading Semester System in UG and PG programmes Evaluation. The evaluation has been revised to 60:40 evaluation pattern involving 60 marks for theoretical semester end examination and 40 marks for internal assessment. Additional Exams are conducted for the students having Medical Emergency. Complete transparency is maintained in evaluation system.
	Research and Development	Students are encouraged to prepare research-based projects. The students, research scholars and faculty are encouraged to participate, organize, and publish their research findings in peer reviewed (UGC listed journals, Web of Sciences and Scopus indexed journals). The faculty members are encouraged to attend FDPs, workshops, etc. organized by different organizations. Faculty members are involved in research and publish research articles at national and international forums. Project Proposals were submitted to different funding agencies. All the necessary help and guidance is provided to the faculty members by the college and management. Faculty members have filed Patents due to encouragement and support from college.
	Library, ICT and Physical Infrastructure / Instrumentation	The College Library maintains books, magazines, journals, e-resources, and theses. The library also propels the utilization of e-resources like Inflibnet, NList, and Delnet. Library has Digital Library section for the students. There are separate reading rooms for boys, girls and staff members. Students' attendance is maintained through RFID card System. Suggestion Book is made available for improvisation in services. College campus is partially WIFI enabled. Classrooms are installed with smart

	board and LCD Projectors. Faculty Members use ICT enabled teaching methods. The College has 24-hour Security Surveillance via CCTV Cameras.
Human Resource Management	All the rules and regulations related to Faculty Recruitment, Progression, Retirement, etc. are followed as per the guidelines of University of Mumbai and Government of Maharashtra. Qualified faculty members are recruited according to the requirements of academic programs. Faculty improvement programs are planned for enriching the Faculty Vitality and to maximize their performance in teaching-learning process and research. Performance appraisals are regularly filled, reviewed and necessary steps are taken for training and development. An open-door policy for feedback and prompt grievance redressal is being followed. Personal files of faculties are well maintained. Biometric attendance system ensures regularity and fair assessment.
Industry Interaction / Collaboration	College has signed various MOUs with different Universities (Globally) and Industries for Internships and Faculty Exchange Programs to facilitate Industry-Academia connect. The Placement cell conducts workshops like 'Corporate Pathshala' for training and development of the students. The college has an Entrepreneurship Cell which motivates and support the students for self-employment. Interaction with other Universities and Industry has helped in the improvement of Curriculum. Various companies like Capgemini, TCS, LT, etc. has carried out both online and offline campus recruitment. Total 447 students participated in the campus among which 236 students got selected through campus placement.
Admission of Students	An online application registration portal is created. The online process covers admission and display of merit list category wise at each stage of admission process and the final selection using ADMI Software. Verification of documents are carried out to check eligibility requirements. Students pay the fees using online payment gateway. The information brochure is made available on online mode. Needy and deserving students are given fees concession or fees

instalment. College has also created both online and offline helpline numbers and helpdesk for the students. Reservation policy is followed. The College maintains complete transparency and does not accept any donation.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	The academic and administrative functioning of the college is monitored and supervised by the Governing Council of Kalyan Citizens' Education Society (highest decision-making body) and various statutory bodies. The College has other non-statutory committees such as the Grievance Redressal Committee, Admission Committee, etc. for efficient and effective administration.The management has appointed Dr. Naresh Chandra as Director (Education) to oversee and facilitate institutional growth. The Administration of the College functions with an E-governance system at Government, Society and College level. The college has a well-designed Accounts system using Tally Software. The college has Biometric attendance for students, teaching and non-teaching staff.
Examination	The College Examination Cell is equipped with infrastructural facilities which include computer systems, heavy-duty printers, scanners, cameras, to ensure integrity and confidentiality. with equipped ICT tools necessary for examination purposes. The College has Vridhi software for running the examination procedure right from registration for examination, generation of hall tickets, allotment of seat numbers, generating course wise and program wise summary of results, etc. Due to the outbreak of pandemic during the year, college has subscribed for Qurio Software and conducted the examinations online. All the communication regarding examination and declaration of results is made available online through college website.
Planning and Development	Meticulous planning with an action plan ensures fulfilment of the annual objectives. The institution has a robust IT support to facilitate the academic and administrative activities of Institution. Dynamic Website, Staff

	biometric attendance, timetable, students' attendance, library information system, communication with students and teachers through emails are a few to name. Periodic review meetings are held to strengthen the functioning of the College. Faculty enrichment programmes are organized to stimulate and add value. The Vice principals (Faculty wise) and a Vice Principal for Unaided Courses were appointed for the smooth functioning of academic administration
Finance and Accounts	The college uses the ADMI software for E-governance to increase the efficiency of the Finance and Accounts department of the college. This helps to increase the proficiency of staff towards the accuracy of financial transactions. The college conducts regular internal and external audits of annual books of accounts. The accounts office keeps all financial records in a systematic manner. ADMI software helps in maintaining the overall efficiency and effectiveness of the institution. The budget is prepared by various departments. Management sanctions additional amount for all the UG and PG departments to organise various curricular, co-curricular and extra-curricular activities
Student Admission and Support	The college has an online application registration portal for all young aspirants. The online process covers admission and display of merit list category-wise at each stage of the admission process using ADMI Software. The reservation policy is followed. Students pay the fees using an online payment gateway. The College has separate RESO software for the result administration. Needy and deserving students are given fees concession or instalment facilities. The College has also displayed helpline numbers and set up a helpdesk to assist the students. The College maintains complete transparency in the admission process and does not accept any donations.

6.3 – Faculty Empowerment Strategies

 6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial	Name of the professional body for which membership	Amount of support

			support provided	fee is provided	
2019	Dr. Balkavi Suranje	Regional Cinema of India, Impress	NA		1000
2019	Raghunath Patil	Avishkar, University of Mumbai	NA		1300
2020	Dr. Vinod Narayane	General Mental Health Relationship, Mpower	NA		14868
2020	Dr. Avinash Patil	Plant Taxonomy Ethnobotany, Botanical Survey of India	NA		9097
2020	Dr. D. E. Kshirsagar	Data Analysis, University of Mumbai	NA		1000
2020	Dr. D. B. Shekhawat	National Resources Water Resources, University of Mumbai	NA		900
2020	Dr. Balkavi Suranje	State level Conference on Gazetteers, Dept. of Gazetteers Govt of Maharashtra	NA		500
			View File		

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Leadership Development Programme	Nill	16/03/2019	17/03/2019	20	Nill
2019	Nill	Personality Training Workshop for Administrative Staff	20/07/2019	20/07/2019	Nill	27

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	From Date	To date	Duration
Faculty Development Programme	1	24/07/2020	30/07/2020	7
Short Term Course	1	01/05/2021	30/05/2021	30
Refresher Course	1	20/05/2019	02/06/2019	14
Faculty Development Programme	1	27/03/2020	05/04/2020	10
Faculty Development Programme	1	18/05/2020	03/06/2020	17
Orientation Programme	1	04/06/2020	01/07/2020	28

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
91	60	80	13

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. All those who have completed 25 years or ? 25 years of service are felicitated on the foundation day with an appreciation certificate, shawl, shriphal and Rs.5000/-. Fund allocated for the same is Rs.4.5 Lacs. 2. Marriage gift for self and children's marriage of Teaching staff, Registrar, Office Supdt. • Upto 10 years service - Rs.6000/- • 10-15 years service - Rs.8000/- • Above 15 years service - Rs.10000/- 3. Distribution of cake on the occasion of marriage	1. All those who have completed 25 years or ? 25 years of service are felicitated on the foundation day with an appreciation certificate, shawl, shriphal and Rs.5000/-. Fund allocated for the same is Rs.4.5 Lacs. 2. Marriage gift for self and children's marriage of non-teaching staff - Sr. Clerk, Assistant, Attendant and peon • Upto 10 years service - Rs.4000/- • 10-15 years service - Rs.5000/- • Above 15 years service - Rs.6000/- 3. Distribution of cake on the occasion of	1. All the govt. Scholarship and Free ship Schemes are implemented. 2. The College also offers fee concessions and allows payment of fees in instalments for needy and deserving students under Student Aid Fund. 3. Fund of Rs. 1.00 lakh per year from Kalyan Charity Trust for payment of fee to poor and needy students has been marked.

anniversary of staff and in case of unmarried on birthday. 4. For all the Female Staff Members having small children either in aided or unaided, can use the facility of child care centre opened at B. K. Birla Public School, Kalyan at free of cost. 5. Accidental insurance cover and medical reimbursement facility for 272 staff both aided and unaided 6. A sum of Rs. 3.0 lakhs per year will be available by the management for higher education of children of permanent staff members. (Maximum limit of Rs. 50,000/- for first two children). 7. Management has decided to create 'Employee Benevolent Fund' from 2015-16. The fund will be available for treatment of terminal diseases like cancer, etc. 8. Celebration of Annual day in November / December separately for Jr. College (Fund allotted 1.50 Lacs) and Degree College(Fund allotted 2.50 Lacs)	marriage anniversary of staff and in case of unmarried on birthday 4. Accidental insurance cover and medical reimbursement facility for 272 staff both aided and unaided 5. A sum of Rs. 3.0 lakhs per year will be available by the management for higher education of children of permanent staff members. (Maximum limit of Rs. 50,000/- for first two children). 6. Management has decided to create 'Employee Benevolent Fund' from 2015-16. The fund will be available for treatment of terminal diseases like cancer, etc.	

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

• College has a strong mechanism for Statutory (External) audit. We have our own internal control mechanism where systems and processes are designed to safeguard an organization's assets for accurate financial reporting, effective operations, and compliance with laws and regulations. Qualified Statutory (External) Auditors from external resources have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way on quarterly basis or half yearly basis. The institutional accounts are audited by statutory auditors in order to ensure that adequate processes and procedures exist to provide reasonable assurance that policies and procedures are followed, Internal Controls in place are adequate and effective, Institution complies with statutory requirements wherever applicable. Management is responsible for ensuring timely and appropriate action on audit observations/recommendations for maintenance of reliable internal control system. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The

institute regularly follows external financial audit system. Financial Budgeting and optimum utilization of finance, including mobilization of resources are the issues considered under this key aspect. There are established procedures and processes for planning and allocation of financial resources. The institution has developed strategies for mobilizing resources and ensures transparency in financial management of the institution.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Department of Biotechnology	1100000	Strengthening the departmental activities
View File		

6.4.3 – Total corpus fund generated

2814917

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Academic Audit and ISO-TUV NORD	Yes	Chairman-Academic Audit-Prin. Ashok Praadhan Internal Auditors trained by ISO-TUV NORD
Administrative	Yes	ISO-TUV NORD	Yes	Internal Auditors trained by ISO-TUV NORD

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• The Parent-Teacher meetings are organised every semester and the parents are involved in enhancing the academic performance of the students. • Attendance of students is monitored and parents are updated on a monthly basis. Feedback from parents and students is given due consideration. • Parents are always invited for Appreciation Ceremony of Meritorious Students on Degree Distribution ceremony Day.

6.5.3 – Development programmes for support staff (at least three)

• Skill Development workshops are organized for the support staff • The members of support staff are encouraged to make use of the avenues such as welfare schemes of govt. and college management for their welfare. • They are provided with the assistance for economic facilities. • Their wards are provided fees concession at College

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• The College was granted Autonomous Status in the academic year 2018-19. Under Autonomy three new post-graduate programmes were started like M.Sc. Data Science and Big Data Analytics, M.Sc. Finance and M.Com (Banking and Finance).

The programmes will provide niche training to the students and empower them to perform excellent in the job market. The first year of all the three programmes has started from the academic year 2019-20. • Under Autonomy, we have framed Board of Studies (BoS), Academic Council for amending / upgrading the syllabus as per the recent / contemporary knowledge progression and industrial requirement • B. K. Birla College (Autonomous), Kalyan jointly with Indian Institute of Advanced Study, Shimla (Under its UGC-IUC Centre) organized a 2 Day Workshop on 'Autonomous Colleges in India: The Road Ahead' on 7th - 8th January, 2020 at Century Bhavan, Worli, Mumbai. Hon'ble Governor of Maharashtra, Shri Bhagat Singh Koshyari ji was Chief Guest and delivered the inaugural address for the same. Prof. Suhas Pednekar, Vice Chancellor, University of Mumbai, Dr. Snehalata Deshmukh, Former Vice Chancellor, University of Mumbai, Dr. Vijay Khole, Former Vice Chancellor, University of Mumbai, Dr. Rajan Welukar, Former Vice Chancellor of University of Mumbai, Dr Vasudha Kamat, Former Vice Chancellor, SNDT University, Mumbai, etc. were invited for the workshop. Around 18 Autonomous Colleges from all over the Country and 11 from Maharashtra and University of Mumbai participated in the workshop and shared their Best Practices, Vision and Suggestions for Future Growth. Eminent Experts from Academics, Officials from Government, UGC were present. • 20 students and 2 staff from New York University visited B. K. Birla College on 15th January, 2020 to study Indian Higher Education System.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	A webinar on 'IPR and patent writing' by Dr. Vaishali Palvankar, IPR consultant, Mumbai organized by IQAC	12/05/2020	12/05/2020	12/05/2020	250
2019	A motivational Webinar, titled 'Chanakya and Management' by Dr. Radha krishnan Pillai, Deputy Director, Chanakya	27/05/2020	27/05/2020	27/05/2020	300

	Institute of Leadership Studies, University of Mumbai, Mumbai was organised by IQAC				
2020	A Webinar on 'Education Technology for Learning – e – Learning' by Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai for faculty members of College and Colleges under Paramarsh Scheme of UGC organized by IQAC.	08/06/2020	08/06/2020	08/06/2020	150
2020	A Webinar on 'Real Life Management' by Dr. D. Sivanandan, Former DGP, Maharashtra and Dr. Radh akrishnan Pillai, Deputy Director, Chanakya Institute of Leadership Studies, University of Mumbai, Mumbai organized by IQAC.	09/06/2020	09/06/2020	09/06/2020	300
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Lecture on international yoga day by Disha Samajik Sanstha	26/06/2019	26/06/2019	24	50
'Best out of Waste' an intercollegiate competition in association with Department of Biotechnology on behalf of WSC/WDC	24/09/2019	24/09/2019	65	35
Lecture series 'Feminist Literary Criticism: Tenets, Tools and Approaches'.	02/12/2019	11/12/2019	45	20
A project on survey of Women Status by DLLE	15/09/2019	15/09/2019	25	0
Self-Defense Workshop by WDC	03/12/2019	03/12/2019	70	0
Session on Cyber Security Awareness	10/12/2019	10/12/2019	80	60
A Zumba Dance Workshop by Ms. Kavita Vairagade	12/12/2019	12/12/2019	120	0
The Aerobic Workshop conducted for girls' students	22/01/2020	22/01/2020	27	0
3-Credit (45 hours) Certificate Course on 'Women and The Law'	25/01/2020	25/02/2020	20	0
Yoga Workshop	29/02/2020	29/02/2020	57	0

for girls' students				
International Yoga Day by NCC	21/06/2019	21/06/2019	60	60

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. The students are instructed to switch off the electric appliances like lights, fans, air conditioners and instruments after use. Stickers with these instructions are also placed near the electric switch boards. 2. Solar panels were installed over the roof of canteen to reduce electric consumption. 3. Biogas plant is installed near canteen for converting the canteen waste to cooking gas. 4. All the old tube lights are replaced with power saving LED lamps. 5. Vermicomposting is carried out to convert college canteen waste and fallen foliage from college campus to compost. 6. Rainwater harvesting pits are dug at different locations in the college campus to help in the percolation of rainwater to recharge groundwater which is used for gardening purpose in the campus. 7. Tree plantation and cycle rally was carried out on the occasion of World Environment Day and there was mass participation of college staff, students and citizens of nearby vicinity. 8. Mangrove plantations were done at Dombivli Jetty area by the college students on the occasion of World Mangrove day. 9. Two days workshop on 'Drinking Water Quality Analysis' was organized. Around 200 water samples collected from faculty and students of B. K. Birla College and were analyzed for its portability. 10. Ecofriendly Ganesh Festival was celebrated with the message of celebrating festivals in an ecofriendly manner. The decorations were done on the theme 'Best out of Waste'.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Provision for lift	Yes	12
Ramp/Rails	Yes	5
Braille Software/facilities	No	0
Rest Rooms	Yes	15
Any other similar facility	Yes	45

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	2	2	05/06/2019	1	International Environment Day	To promote awareness about the importance of plantation	100

						and environment. A Cycle rally was organized and saplings were planted in KDMC region	
2019	2	2	21/06/2019	1	International Yoga Day	To popularized Yoga and benefits of healthy mind and healthy body in the youth.	240
2019	2	2	23/07/2019	1	Ashadi Ekadashi	In order to create awareness about Environment and Indian culture religious tradition on account of Ashadi Ekadashi in the local community	500
2019	2	2	02/09/2019	1	Vriksha Dindi	Distribution of saplings, tree plantation in and around college campus and road side in Kalyan city and to create awareness among the masses	850

2019	1	1	02/10/2019	1	Peace March	To commemorate the birth anniversary of the great leader of Mahatma Gandhi and to propagate Gandhian philosophy and thoughts	1200
2020	1	1	12/02/2020	1	Balmahotsav	Balmahotsav organised for the children of prisoners of Adharwadi Jail, Kalyan by arranging Sports activities in the College Campus	200

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Workshop: 6-day Psychometric test series on 'study habits	27/04/2020	6 Days workshop on Psychometric test on study habits was organized that addressed the relationship in student habit and academic achievement.
'Guru Pournima'	16/07/2019	Students of B. K. Birla College celebrated Guru Pournima to honour and revere their teachers. Students presented various songs, speeches and poems on the importance of Guru in life. The session ended with speech of Principal

		sir.
Cultural exchange Interaction of Commerce students, with the students from West Georgia University USA	18/12/2019	A cultural exchange interaction of commerce students with the students of University of West Georgia has been organized to share cultural, educational and professional exchanges. It was an opportunity for our students to interact and learn about their culture and tradition.
Guest Lecture on Development of Scientific Temper by Ms. Trupti Patil, Joint Secretary, Legal Development Cell, Maharashtra Andhashraddha Nirmulan Samiti (ANIS) organized by Dr. Ambedkar Studies Centre	06/12/2019	The Dr. Ambedkar Studies Centre along with the Social Sciences Association and Dept. of Political Science organized an Abhivadan Programme on the eve of the 63rd Death Anniversary of Bharat Ratna Dr.Babasaheb Ambedkar on Friday, the 6th December, 2019.
Seminar on General Mental Health in association with Mpower by Ms. Manasi Gokhale,	15/11/2019	A seminar on General Mental Health was conducted for the students to highlight the importance of the mental health in various stages of life from childhood to adolescence in emotional, psychological and social wellbeing.
Celebration of 'Youth Day' to inculcate thoughts of Shri Swami Vivekananda.	12/01/2020	The students of B. K. Birla College celebrated World Youth Day to honour the Birth Anniversary of Swami Vivekanand and learn from his teaching which may help in nation building.
Management Day-Swantahsukhaya- A different perspective of Management	28/01/2020	Management Day was celebrated to develop management skills and attributes among students so as to add value to the organisation and as a tribute to Pujya Shri B. K. Birla ji.
R- Con.: Student Research Conference: Role of Core Life Skills: for youth empowerment and nation Building	06/03/2020	The Research conference for the students was organised every year to inculcate the culture of research among the

| | | students. This year the conference was based on the theme Role of Core Life Skill for Youth Empowerment and Nation Building. Total 200 students were participated in the conference and presented the papers. |
| Guest Lecture on Health and Happiness | 16/12/2020 | A Guest lecture on Health and Happiness was conducted. The session highlighted the importance of happiness, health and longitivity. The session was very interactive. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
A cycle rally was organised on the occasion of World Enviornment Day	05/06/2019	05/06/2019	110
Ashadi Ekadashi	12/07/2019	12/07/2019	1200
International Yoga Day	21/06/2019	21/06/2019	240
Independence Day	15/08/2019	15/08/2019	400
Rakshabandhan Celeberation	15/08/2019	15/08/2019	150
Teachers Day	05/09/2019	05/09/2019	300
Workshop on conservation of Birds	11/01/2020	11/01/2020	50
Workshop on drinking water quality analysis	26/08/2019	26/08/2019	60

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Vermicomposting is carried out to convert college canteen waste and fallen foliage from college campus to compost. 2. Rainwater harvesting pits are dug at different locations in the college campus to help in the percolation of rainwater to recharge groundwater which is used for gardening purpose in the campus. 3. Solar panels were installed over the roof of canteen to reduce electric consumption. 4. Biogas plant is installed near canteen for converting the canteen waste to cooking gas. 5. The students are instructed to switch off the electric appliances like lights, fans, air conditioners and instruments after use. Stickers with these instructions are also placed near the electric switch boards.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Organizing Series of workshops and training programs to strengthen the Autonomy: Goal: To understand wider scope and perspective of Autonomy and share the best practices for the holistic development of students. Content: Being an Autonomous College, special efforts were taken to promote quality education as a whole. Various workshops and training programs were planned to improve the quality of education. Practice: The following workshops and training programmes were organized during 2019-20. • Prof. Beheruz N. Sethna, President Emeritus and Regents Professor of Business, Richards College of Business, University of West Georgia, Carrollton, USA, conducted workshop on 'Statistical Analysis' on 12th June, 2019. • A Guest lecture was organised on 'National Education Policy (NEP)' on 1st August, 2019. Dr. Vijay Khole, Former Vice Chancellor, University of Mumbai was invited for the same. • Department of Physics organized a workshop on 'Optics' under CE Scheme from 16th to 21st September 2019. • Intercollegiate Science Festival PRAVAH was organized on 18th - 19th December, 2019. • B. K. Birla College (Autonomous), Kalyan jointly with Indian Institute of Advanced Study, Shimla (Under its UGC-IUC Centre) organized a 2 Day Workshop on 'Autonomous Colleges in India: The Road Ahead' on 7th - 8th January, 2020 at Century Bhavan, Worli, Mumbai. This workshop helped and provide direction and for motivation and guide HEIs to achieve newer heights of glory and excellence. 25 Autonomous Colleges from all over the country and 25 from Maharashtra and University of Mumbai were participated in the workshop and shared their 'best practices, vision and suggestions for future growth'. Eminent experts from academics, officials from Government, UGC, RUSA, University, etc. have presented their views in the workshop. • One Day workshop on Advanced Tools in Microsoft was conducted on 15th January, 2020. • Department of Chemistry organised a National Conference on Recent Advances in Chemical and allied Sciences (RACAS-2020) organized by B. K. Birla College of Arts, Commerce and Science (Autonomous), Kalyan on 18th January, 2020. • Two days National level workshop on I-SENSO Robotics was jointly organized by Department of Computer Science and Build my project with TECHFEST IIT, Bombay Make X, International Kalyan from 27th - 28th January, 2020 • A Workshop on Artificial Intelligence organized by Department of Information Technology on 8th February, 2020. • A Workshop on Cyber Security Awareness organized by Department of Computer Science on 20th February, 2020. • Webinar on RT-PCR- a Diagnostic Test for COVID-19 organized by Department of Microbiology and School of Paramedical Sciences on 13th May, 2020 • Department of English organized an International webinar titled, 'Gender and Race Burden in African-American Literature' was organized on 1st June, 2020. Dr. Eugene Ngezem, Full Professor, Department of English, Clayton State University, USA was the resource person. Approximately 2000 participants attended the webinar on digital platform of Microsoft Teams and Facebook. • IQAC organized a webinar on 'Education Technology for Learning - e - Learning' by Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai on 8th June 2020 for faculty members of College and Colleges under Paramarsh Scheme of UGC. The session covered importance of e-Leering material like mobile learning, learning management system, MOODLEs, Google drive, Padlet, Pixton, mind maps, etc. • Board of Examinations of B. K. Birla College (Autonomous), Kalyan organized a 2-Day online workshop on 'Scientific Approach to Student Evaluation' for the faculty members of the college on 9th and 10th June 2020 under the guidance of Prin. Ashok Pradhan, Former Vice Chancellor, YCMOU, Nashik and Dr. Naresh Chandra, Director (Education), BKBCK. Dr. Anuradha Deshmukh, Former Professor Director, Centre for Collaborations Special Initiatives, YCMOU was the resource person to guide the faculty members on different aspects of Evaluation. • Department of Management Studies and Economics organized an International webinar on 'The Ingredients of Transformational Leadership' by Dr. Beheruz N. Sethna, President Emeritus, and Regents Professor of Business, Richards College

of Business, University of West Georgia was organized by on 19th June 2020 on digital platform of Microsoft Teams. • B. K. Birla College (Autonomous) Kalyan and B. K. Birla Public School Kalyan jointly organized a Webinar on 'National Education Policy - 2020' on 3rd August, 2020. Hon'ble Dr. Vasudha Kamat, Former Vice Chancellor, SNDT Women's University, Mumbai Member, Committee delivered a talk on 'Draft National Education Policy'. • The College in association with Mpower Foundation jointly organized webinar on 'Importance of Mental Health Awareness' on 13th August, 2020 for Staff and Students. Problems Encountered and Resources Required: Issues were faced for encouraging students and to motivate teachers for their active involvement while organizing various programs specifically on virtual platform. Also, the transitional period from offline to online mode was little difficult. Best Practice 2: Proactive preparedness to upgrade onto LMS Goal - To facilitate the students and faculty members to virtual platform to meet the learning needs and to equip them with online learning. Content - To achieve better learning outcome for students and to transform classroom online, we provided a digital platform of Microsoft Teams to the faculty members that would help them to make teaching learning more meaningful and interactive in future. An initiative had been taken to organize 15 days special training session for teachers on 'Microsoft Office 365' in the month of April. This helped our teachers to explore the new pedagogy. Practice: The 15 days Training Sessions was organized by 'Juana Technologies' for faculty members. The details are as follows: 1. A session on 'One Drive' was conducted on 16th April, 2020 2. Webinar on 'SharePoint Forms PowerApps' was conducted on 17th April, 2020 3. A session on 'Teams and Planner' was conducted on 18th April, 2020 4. Webinar on 'OneNote' was conducted on 19th April, 2020 5. Training on 'Outlook' was conducted on 20th April, 2020 6. Webinar on 'Collaboration' was conducted on 21st April, 2020. 7. Training on 'Windows' was conducted on 22nd April, 2020 8. Webinar on 'Word' was conducted on 23rd April, 2020 9. A session on 'MS PowerPoint' was conducted on 24th April, 2020 10. Training on 'Create Videos using PowerPoint' was conducted on 25th April, 2020 11. A session on 'MS Excel' was conducted on 26th April, 2020 1 12. Training on 'MS Excel- Dynamic Arrays' was conducted on 27th April, 2020 13. Webinar on 'MS Excel- Power Query' was conducted on 28th April, 2020 14. Training on 'MS Excel- Power Pivot' was conducted on 29th April, 2020 15. A session on 'PowerBi' was conducted on 30th April, 2020 Similarly, training sessions for students to make them aware about the new pedagogy and participate actively in new online platform of learning were organized. • Juana Technologies organized a Microsoft Training for Junior College Teachers and Students on 22nd May, 2020. • Department of Information Technology organized a 'Flipped Learning Pedagogy - Out-of-Class Activity' on 24th May, 2020. • Department of Computer Science and Information Technology conducted a session on Microsoft Teams Training on Teams live on 3rd July, 2020. Problems Encountered and Resources Required: Students from remote areas faced problem related to internet connectivity. We shared them link of recorded lectures along with study materials, so that they could learn in online mode also.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.bkbirlacollegekalyan.com/pdf/Best_Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The distinctive feature of B. K. Birla College (Autonomous) includes array of initiatives for environment protection and spreading awareness about Climate Change. The College has taken several initiatives to encourage environmentally conscious practices every year. We involve students, teachers and members of

society in our environmental vision by getting them engaged and involved through various initiatives on environment and climate change. One such activity was organized during the year 2019-20 was cycle distribution to students staying in the perimeter of 2-3 kms from the College to expand eco-friendly footprints. These cycles were continued by the faculty members. Switching to cycling for more of our shorter journeys help to protect biodiversity. It creates less noise, less air pollution, and results in fewer emissions that are warming the atmosphere at the same time it is very effective for the students also. We took this initiative to protect our green spaces by showing its importance to communities. On 27th August, the college distributed more than 10,000 saplings to the students, teachers and other members of the society to encourage tree plantation. The objective to make people aware of issues related to environment protection and climate change by conducting activities to make them accept the need for increasing the green cover and get them into action of planting trees. We are convinced that a sustained initiative like this will leave a lasting impression of about the impact of environmental remediation for generations to come. The College conducted social outreach activities like drinking water quality analysis, Eco-friendly Ganesh festival celebration and River Walk to spread awareness and enthusiasm for sustainable practices. The College continues to sustain the efforts to uplift the students, especially girls from socially and economically backward class through WSC / WDC, Gandhian Studies Centre, Dr. Ambedkar Study Centre and impart values and provide skills that make them socially responsible and take ownership of their lives. Full time Counselling help several students in improving their mental health and course to correct their careers and lives in general.

Provide the weblink of the institution
https://www.bkbirlacollegekalyan.com/pdf/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

 Curricular Aspects - • To explore interdisciplinary / multidisciplinary approach in syllabus • Restructuring existing courses with core and elective papers • To introduce skill oriented Diploma, Certificate, Courses, etc. Teaching, Learning and Evaluation - • To motivate the faculty members for extensive use of ICT facility and other teaching aids in teaching-learning-evaluation process • To conduct more personality development programmes / training workshops / lectures for the faculty members and staff. • Developing audio visual resources to facilitate learning Research, Innovation and Extension - • To explore the thrust areas of research further • To improve visibility of research and publication • To carry forward the infrastructure development as proposed under the RUSA grant • To organize training for staff for innovation in teaching-learning process, FDP, ICT, Leadership Programmes, Team-Building activities. • To strengthen the activities as Centers for innovation, Incubation and Entrepreneurship • Increasing awareness of available e-learning resources • To introduce new PG Programme in M.Sc. (Artificial Intelligence) and M.Com. (Accounting and Finance). Student Support and Progression - • To set a goal for placement through College and strengthen activities of placement cell. Governance, Leadership and Management - • To conduct academic audit • To improve the mechanism used for feedback from stakeholders and its analysis. • To increase student involvement in institutional development. • To enhance of performance of institute related to vision, mission statements of college • To encourage involvement as alumni in college progress