Yearly Status Report - 2018-2019

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 G. 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. Swapna Samel**
Phone no/Alternate Phone no.	**02512230740**
Mobile no.	**9820356382**
Registered Email	**drswapnasamel@gmail.com**
Alternate Email	**swapna.samel@bkbirlacollegekalyan.com**

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	**https://www.bkbirlacollegekalyan.com/pdf/AQAR_17_18.pdf**

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.bkbirlacollegekalyan.com/pdf/Academic_Calender_2018-19.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	**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
No Data Entered/Not Applicable!!!		
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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
Botany, Chemistry, Physics, Microbiology and Zoology	Star Status	DBT, New Delhi	2017 1095	15900000
Computer Science, Information Technology and Mathematics	Star College Scheme	DBT, New Delhi	2018 1095	6300000
B. K. Birla College (Autonomous), Kalyan	Autonomy	UGC, WRO, Pune	2018 3650	2200000
B. K. Birla College (Autonomous), Kalyan	'Enhancing Quality and Excellence in Select Autonomous Colleges'	RUSA, Maharashtra	2018 365	50000000
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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	**Yes**

website	
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. Conducted 'Induction Programme' for First Year B.A., B.Sc. and B.Com. students from 9th July, 2018 to 18th July, 2018. 2. 'Train the Trainer' workshop organized on behalf of Rashtriya Uchchatar Shiksha Abhiyan (RUSA), Maharashtra from12th December, 2018 to 16th December 2018 3. Inspirational talk of Dr. Bharat Vatwani, Ramon Magsaysay Awardee 2018 on 6th December, 2018. 4. International Conference on ?? ?? ??? ?? ????? ???? ?????? : ???, ???? ?? ????????? on 7th 8th December, 2018 5. Inspirational talk of Mr. Sonam Wangchuk, Ramon Magsaysay Awardee 2018 on 20th December, 2018. 6. Organised 'PRAVAH' an Intercollegiate Science Festival from 11th January, 2019 to 12th January, 2019.

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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 conduct RUSA supported workshop 'Train the Trainer'	Thirty Five Teachers from various colleges attended the same. they were trained by the experts about new accreditation process.
To organise inspirational talk by Mr. Sonam Wangchuk, Ramon Magsaysay Awardee	Around One Thousand Five Hundred students and faculty members attend the same. They got inspired by the innovative ideas and dedication showcase by Mr. Sonam Wangchuk.
To organise inspirational talk by Dr. Bharat Vatwani, Ramon Magsaysay Awardee	Around Eight Hundred Fifty students and faculty members attend the same. Dr. Vatwani, the doctor who reunites mentallyill patients with their families, was invited for his address and interaction with students.
To conduct induction Programme	More than one thousand first year students attended the same. They were made accustomed with the culture of the institution and also were introduced to the various cocurricular and extracurricular activities of the institution.
To conduct International Conference on ?? ?? ??? ?? ????? ???? ?????? : ???, ???? ?? ????????? on 7th - 8th	More than three hundred research scholars from various countries and two hundred students attended the

December, 2018	conference. Students and Research Scholars got an opportunity to present their research work and interact with the scholars from various countries.
[View Uploaded File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council Meeting	29-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**

Date of Visit	**08-Aug-2018**

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.

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!		
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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**	**02/07/2018**
MSc	**Botany**	**02/07/2018**
MSc	**Physics**	**02/07/2018**
MSc	**Environmental Science**	**02/07/2018**
MSc	**Computer Science**	**02/07/2018**
MSc	**Information Technology**	**02/07/2018**
MSc	**Bioanalytical Science**	**02/07/2018**
MSc	**Biotechnology**	**02/07/2018**
MCom	**Advanced Accounting**	**02/07/2018**
MCom	**E-Commerce**	**02/07/2018**
BA	**Economics**	**11/06/2018**
BA	**History**	**11/06/2018**
BA	**Political Science**	**11/06/2018**
BA	**Geography**	**11/06/2018**

BA	Hindi	11/06/2018
BA	Marathi	11/06/2018
BA	English	11/06/2018
BA (Journalism)	Mass Media	11/06/2018
BSc	Mathematics	11/06/2018
BSc	Botany	11/06/2018
BSc	Zoology	11/06/2018
BSc	Microbiology	11/06/2018
BSc	Biotechnology	11/06/2018
BSc	Computer Science	11/06/2018
BSc	Physics	11/06/2018
BSc	Information Technology	11/06/2018
BCom	Accountancy	11/06/2018
BCom	Commerce	11/06/2018
BCom	Banking and Insurance	11/06/2018
BCom	Accounting and Finance	11/06/2018
BCom	Financial Management	11/06/2018
BMS	Management Studies	11/06/2018
MA	Hindi	02/07/2018
MA	Marathi	02/07/2018
MA	History	02/07/2018
MA	Political Science	02/07/2018
MA	Business Economics	02/07/2018
MSc	Chemistry	02/07/2018
MSc	Microbiology	02/07/2018

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
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!		
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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
Student-feedback forms are developed by the college which are given to the students to state their feedback on the teachers along seven parameters like, The teacher's effectiveness in teaching the subject, Clarity of teacher's voice his Communication Skills, Teacher's use of examples and illustrations to make understand the topic they discuss, their readiness to extend extra help when needed, Punctuality of teachers in the classroom, Level of discipline maintained in the class by the teacher and his Interaction with students. Randomly 10 students from each class fill the forms for each teacher. For analysis, average is taken out of each parameter of each teacher and on the basis of the average scores, final score of the teacher is calculated. Later, this analysis is handed over to the Mathematics department for further processing. If some teacher draws poor feedback from the students and if there are some remarks by the students to be taken note of, the head of the department brings those to the notice of the concerned teacher so that he/she takes remedial measures against the deficiencies pointed out and improves upon them. It also helps in keeping track of the quality being delivered to the students in terms of teaching. Students' Satisfaction Forms also are filled in order to procure feedback of the students on eight parameters viz., Teaching-Learning Process, Conduct of Examination, Library Facilities, Extra- curricular facilities, Sports Facilities, Security Services, Grievance Redressal and Drinking Water and Washroom Facilities. Based on the feedback, action is taken by the authorities to step up the infrastructural facilities for the students. Computer Science and Information Technology departments measure the feedback through Online Google Form. Likewise feedback is also obtained from parents through the scheduled Parents - Teachers Meeting. Their suggestions and concerns are noted down and required measures are taken to creat more students centric learning atmosphere. Once in a year, alumni meeting is called by the college where in all alumni willingly attend the meet and share their views, experience etc. that we incorporate with an aim to make college grow in right direction.

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
No Data Entered/Not Applicable !!!				
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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
2018	5264	827	97	5	102

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
102	79	47	34	8	6
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)

Various approaches of mentoring are employed by teachers in different subjects. Students are mentored in the college through regular teaching learning process by teachers, who astutely work on the students requiring further help by providing question banks, synoptic answers, reference material, etc. Whereas the brighter students are mentored through various e- resources extra referencing suggested by the teachers. The experienced senior faculty members are invited to guide the students for improving their answer writing skills and hence getting better grades. The students are made to prepare answers on important topics and guidance is provided to improve on scoring in exams. The students from vernacular medium schooling are provided the option of learning English better through the certificate Programmes in English. Individual teachers make students improve language skills through Report writing, power-point presentations, assignment writing as part of the internal evaluation system. All the departments together organized a total of 38 certificate courses for choice based learning and skill development in students to make them more equipped for future. The college has a counseling cell for students to provide the emotional and psychological support required by students in difficult situations of personal life to make them more focused and positive. The peer mentoring is done in various departments wherein the student group of two or three are formed and group study is motivated in them. The constitution of group is done by teachers in such a way that the students with specific abilities are clubbed appropriately for mutual benefit. This kind of mutual mentoring reaps better benefits, since peer learning aids the conceptual study in a much efficient manner, also inculcating regular learning by discussion and query. Alumni students are invited to deliver a guidance and motivational talk regularly to initiate the need to excel in their academics to follow with the professional excellence. Certain eminent Academicians, Motivational speakers, Doctors, Scientists are invited frequently to generate the awareness and motivation to pursue academic excellence and overall development in order to develop into an intellectually motivated conscientious citizens of the world.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5264	102	1:52

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
70	54	16	0	31

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
2018	Dr. Mahadeo Yadav	Assistant Professor	Faculty Exchange Programme with University of West Georgia, USA

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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
No Data Entered/Not Applicable !!!				
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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
145	6476	2.24

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)

http://www.bkbirlacollegekalyan.com/syllabus.aspx

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
No Data Entered/Not Applicable !!!					
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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/pdf/Annexure_Feedback_analysis2018_19%20(1).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

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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
International	Dr. Mahadeo Yadav	Faculty Exchange Programme	06/04/2018	Management of B. K. Birla College

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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
Industry sponsored Projects	365	Century Rayon Shahad	4.57	4.57
Projects sponsored by the University	365	University of Mumbai	2.3	0.92
Students Research Projects (Other than compulsory by the University)	365	DBT	0.38	0.38
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

13

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
Workshop on Career Opportunities In English Literature	English	03/08/2018
Workshop on fashion designing	Management Studies	08/08/2018
Workshop on Resume Writing, Group Discussion and Personal Interview	English	10/08/2018
Workshop on Smart Nanomatrials Synthesis and their Charachterization	Chemistry	11/08/2018
One Day Workshop on Intellectual Property Rights	Bioanalytical Science	02/01/2019
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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
Eco friendly Synthesis,	Ms. Amrita Singh	AVISHKAR Research	26/12/2018	Student

optimization and characterization of nanoparticals and its application				
Mathematical Modeling for Tumor Growth	Sana Kazi and Beena Pandit	R. J. College, Ghatkopar	20/12/2018	Student
IOT Project : Brain Wave Sensor	Ms. Swapna Nikale	Avishkar Research Convention - University of Mumbai	20/12/2018	Faculty
Synthesis of carbon nano fiber from organic solid waste	Mr. Brijesh Gaud	AVISHKAR Research	26/12/2018	Student

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored 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	Nil	Nil	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	2
Biotechnology	1
History	2
Marathi	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	Botany	5	5.2
International	Chemistry	9	5.2
International	History	4	5.3
International	Hindi	2	5.5

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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
English	7
History	2
Chemistry	1
Physics	12
Zoology	1
Biotechnology	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Patent - Govt. of India Inventors: Manoj P Mahajan and Mahendra M Khandpekar TItle: L-Alanine Modified water soluble EuF3 Gd Nanoparticles for Biomedical Applications., Official Patent, J. No. 29/2018 dated 20.07.2018, No. 27215	Published	27215	20/07/2018
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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
Synthesis of dense TiO2 nanoparticle multilayer using spin coating technique	Dr. Madhavi Th akurdesai	Applied Physics A	2018	4	B. K. Birla College (A utonomous) , Kalyan	2
Isolation of protease producing bacteria from spoiled food and extraction	Dr. Annika Durve Gupta	International Journal of Applied Research. 4(7): 141-146	2018	1	B. K. Birla College (A utonomous) , Kalyan	1

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
of protease enzyme.						
High efficiency dye-sensitized solar cell based on a novel gel polymer electrolyte containing RbI and tetrahexylammonium iodide (Hex4NI) salts and multi-layered photoelectrodes of TiO2nanoparticles	Dr. Madhavi Thakurdesai	Renewable and Sustainable Energy Reviews	2019	14	B. K. Birla College (Autonomous), Kalyan	12
Swift Heavy Ion induced interface mixing in a Te/Cd/Te trilayer thin film system	Dr. Madhavi Thakurdesai	Renewable and Sustainable Energy Reviews	2019	2	B. K. Birla College (Autonomous), Kalyan	2
Recycling Of Tea Waste For Extraction Of Caffeine And Production Of A Trans dermal Patch	Dr. Shivani Kakkar, Ms. Shruti Shah, Dr. Sonali Patil and Dr. Annika Durve Gupta	World Journal of Pharmaceutical Research. 7(17), 1511-1521	2019	1	B. K. Birla College (Autonomous), Kalyan	1

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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
Physico-Chemical And Phyto-	Dr. Sonali Patil	International Journal of	2018	3	8	B. K. Birla College (A

Chemical S tandardiza tion Of PindTaila.		Applied Research. 4(7):				utonomous) , Kalyan
High efficiency dye-sensit ized solar cell based on a novel gel polymer el ectrolyte containing RbI and te trahexylam monium iodide (Hex4NI) salts and multi- layered	Dr. Madhavi Th akurdesai	Renewable and Sustai nable Energy Reviews	2019	7	12	B. K. Birla College (A utonomous) , Kalyan
Phyto, P hysicochem ical Screening of Bhuvane shvarVati.	Dr. Sonali Patil	European Journal Of Pharmaceut ical And Medical Research. 5(10),	2019	3	8	B. K. Birla College (A utonomous) , Kalyan
ArqZeera: Preparatio n, Assessment And Evalua tion.	Dr. Sonali Patil	European Journal Of Pharmaceut ical And Medical Research	2019	3	8	B. K. Birla College (A utonomous) , Kalyan
An evaluation of Quality Control Parameters of YashtiM adhukaTail a	Dr. Sonali Patil	Internat ional Research Journal of Pharmacy and Medical Sciences .	2019	3	8	B. K. Birla College (A utonomous) , Kalyan
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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/Semi nars/Workshops	2	10	1	3
Presented papers	2	67	1	2
Resource persons	1	3	0	3

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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)
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
Local Trekking	NCC	5	244
Blood Donation Camp	B. K. Birla College (Autonomous), Kalyan, Nair Hospital, NCC and NSS	10	400
Peace March	B. K. Birla College (Autonomous), Kalyan, NCC, NSS, UGC Sponsored Gandhian Studies Centre and Centre for Yoga and Philosophy	40	1200
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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
NCC RDC	PM Rally (Drill)	NCC Head Quarter, New Delhi	1
NCC RDC	PM Rally (Cultural)	NCC Head Quarter, New Delhi	2
G. V. Mavalankar Competition	Gold Medal	National Rifle Association of India, New Delhi	1

Chief Minister Scholarship	Scholarship	Education Minister of Maharashtra	4
National Integration Camp (NIC), Sikkim	Silver Medal	NCC Head Quarter, NER	1
National Integration Camp (NIC), Jaisalmer	Silver Medal in Khokho and NIAP	NCC Head Quarter, Rajasthan	2
Anti Plastic awareness program	Third prize in poster competition at district level	University of Mumbai	1
[View File](#)			

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
Swachh Bharat Pakhwada	B. K. Birla College (Autonomous), Kalyan, 1 Mah. Naval Unit NCC, 1 Mah (G) Bn. NCC, 6 Mah. Bn NCC	Swachh Bharat Pakhwada	5	340
AIDS Awareness	B. K. Birla College (Autonomous), Kalyan, 1 Mah. Naval Unit NCC, 1 Mah (G) Bn. NCC, 6 Mah. Bn NCC and NSS Unit	AIDS Awareness	6	440
Gender Issues	DLLE, B. K. Birla College (Autonomous), Kalyan	Certificate Course- Women and the Law	1	32
Gender Issues	DLLE, B. K. Birla College (Autonomous), Kalyan	Self Defense Workshop for Girls	2	50
Gender Issues	DLLE, B. K. Birla College (Autonomous), Kalyan	Cyber Security Awareness Session	1	150
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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

Faculty Exchange Programme	Dr. Susana Velez-Castrillon	University of West Georgia, USA and B. K. Birla College (Autonomous), Kalyan, India	5
Faculty Exchange Programme	Dr. Mahadeo Yadav	B. K. Birla College (Autonomous), Kalyan	15

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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
Industrial visits and Training	Visits and Training	Century Rayon, Shahad	04/06/2018	31/05/2019	Faculty and Students
Sharing of Research Facilities	Research Investigation	Indian Institute of Technology, Bombay	04/06/2018	31/05/2019	Faculty and students
Sharing of Research Facilities	Research Investigation	Advanced Centre for Treatment, Research and Education in Cancer, Navi Mumbai	04/06/2018	31/05/2019	Faculty and Students

No file uploaded.

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	11/06/2018	Faculty Exchange Programme	0
Saket College, Kalyan	04/06/2018	Student and Faculty Exchange	0
University of North Carolina	23/11/2018	Faculty Exchange Programme	5

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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
38000000	37991855

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)	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with LCD facilities	Existing
Class rooms	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
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
LIBSYS	Fully	7	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21321	3250934	124	15484	21445	3266418
Reference Books	58241	18478151	595	509299	58836	18987450
e-Books	0	0	16	164973	16	164973
Journals	0	0	65	140880	65	140880
Digital Database	2	19470	0	0	2	19470

CD & Video	600	248572	0	0	600	248572
Others(s pecify)	15	413201	0	0	15	413201
Others(s pecify)	1	149425	0	0	1	149425

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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
Ms. Ashwini Kulkarni	Artificial Intelligence	Intelli space	13/08/2018
Ms. Kajal Jaisinghani	DBMS	Intelli space	26/10/2018
Ms. Ekta Mishra	Nivala App	Google Play Store	13/02/2019

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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	434	10	112	14	10	40	119	30	4
Added	83	2	238	0	0	2	44	20	1
Total	517	12	350	14	10	42	163	50	5

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

50 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
Intelli space Smart Board Software	https://www.bkbirlacollegekalyan.com/Admin/NoticeAttachment/EContentbyMsAshwiniKulkarnionArtificialIntelligence.pdf
Intelli space Smart Board Software	https://www.bkbirlacollegekalyan.com/Admin/NoticeAttachment/EContentbyMsKajalJaisinghanionDatabaseManagemnetSystems.pdf

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	Expenditure incurred on	Assigned budget on	Expenditure incurredon

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilites
6550000	6364604	22130000	21529874

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)

The college authorities take several corrective and appropriate measures to facilitate a better learning environment. Well-established policies and procedures adhering to the required quality standards are implemented through a proper organization framework and workflow to augment its existing infrastructure and develop new ones for facilitating new programmes. Following are the few concrete steps and monitoring mechanisms Campus Security: ? Security personnel outsourced from a professional security agency are deployed 24x7 to safeguard the entire campus, ? The entire campus is networked with IP based CCTV setup for vigilance. ? Adequate number of fire extinguishers are installed at appropriate locations within the campus. Firefighting training for support staff is organized evevry year. ? Visitors cabin with visitor management system is established at college entry gates to keep check on visitors. • Basic Amenities: ? Drinking water: 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 and 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 campus housekeeping jobs, gardening, and campus beautification. • ICT Amenities: ? 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. ? The college website and mobile app are designed and maintained through a private vendor to provide online academic services and update all the stakeholders with recent news, event and notifications. . • Other Facilities: ? A reception counter is built for addressing general enquiries from customers. ? Air-conditioned and well-furnished gymnasium, seminar halls, open auditorium, playground are maintained to motivate sports and extracurricular and co-curricular activities.

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	Institutional Scholarship	138	253726
Financial Support from Other Sources			
a) National	Social Welfare Department	965	8415852
b)International	Nill	Nill	Nill
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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
Workshop on business etiquette	02/02/2019	480	Placement Cell
Workshop on Group discussion, personal interview techniques, resume building	05/01/2019	350	Placement Cell
Certificate course on'Foundation Course for Yoga Intern'	12/11/2018	51	UGC sponsored Centre for Yoga Philosophy
Bridge Course onbasic of accounts and English language	27/08/2018	52	Department of Management studies
Bridge course for the non-mathematics	28/07/2018	42	Department of Biotechnology
Certificate course in Chinese	24/06/2018	23	Centre For Foreign Languages
Certificate course in Spanish	17/06/2018	44	Centre For Foreign Languages
Certificate course in Japanese	17/06/2018	39	Centre For Foreign Languages
Certificate course in German	10/06/2018	63	Centre For Foreign Languages
Certificate course in French	10/06/2018	51	Centre For Foreign Languages
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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	Number of benefited students by career	Number of students who have passedin the comp. exam	Number of studentsp placed

examination	counseling activities		
-4: **No Data Entered/Not Applicable !!!**			
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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
0	0	0

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
-6: **No Data Entered/Not Applicable !!!**					
-6: View File					

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
-6: **No Data Entered/Not Applicable !!!**					
-6: View File					

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
-2: **No Data Entered/Not Applicable !!!**	
-2: View File	

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

Activity	Level	Number of Participants
-3: **No Data Entered/Not Applicable !!!**		
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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
-7: **No Data Entered/Not Applicable !!!**						
-7: View File						

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

Students' Council is the primary platform in the College, which helps to inculcate leadership qualities amongst the students. As per the Maharashtra Universities Act 2016, it was expected that the Students' Council be formed by conducting elections but due to lack of any further guidelines in this regards from the University, the Students' Council was formed as per the previous guidelines prescribed by the University. The First merit rank holders of each class and representatives from different activities like N.C.C., N.S.S., Sports etc. were selected to form the Students' Council for 2018-19 in the college. In addition to these representatives, two girl students were selected as lady representative out of the selected Students' Council for the Academic year 2018-19. The Student Council helps in communicating ideas, interest and various demands of the students to the college management and administration. The Student Council also gives suggestions regarding the development and betterment of college in the interest of the students. An election was conducted within the selected Students' Council members Ms. Neha Mishra was elected unopposed as General Secretary of the Students' Council. The Students' Council was co-ordinated 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) were also nominated to assist the co-ordinator. Two meeting of the Council members were held in the year with the core administrators of the College like Director, Principal, Vice Principals, managers, Security and Administrative staff, librarian etc. Various concerns of the students regarding discipline, cleanliness, use of I-Card, Parking rules, drinking water facilities, sanitation facilities and Library facilities were addressed in the meeting. The Students' Council members played a vital role in convincing the commissioner of Kalyan Dombivli Municipal Corporation not to allow the Birla College Road (within the campus) open to public. The Secretary of the Students' Council informed the Commissioner that more than 60 per cent of the students studying in the college are girls and opening the road TO public access will create concerns about their safety. The members also added that a public road passing through the campus will create a lot of noise pollution and disturbance in the smooth functioning of the college. The council members, under the guidance of the Director, Principal and Co-ordinators of the council also participated in the 'Voters awareness rally' in association with Kalyan Dombivli Municipal Corporation on 27th April 2019. Students' Council members played an important role in volunteering during the Degree distribution ceremony held at the end of the Academic Year 2018-2019.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The college has a strong alumni Association. The number of students registered under this association was 1350. The Alumni helps in grooming and shaping the personality of the students. The purpose of forming this Alumni association is to build a bridge between college life and career. The Alumni provide job opportunities to fresh bachelors through references to various professionals. They help to create awareness about the corporate world and organise various training programs to guide the students in various spheres of their life and to participate in social welfare activities for social accountability. 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 provide motivation and guidance to the N.C.C cadets for preparation of Vice-chancellor's banner of Mumbai University. Alumni also share their personal experiences with the students with respect to corporate world. Alumni also provide guidance to the students for planning, organizing, directing, budgeting of events. Alumni also guide students for enhancing their presentation skills. Various programs organized by the alumni association of the college, include

the study techniques and answer writing skills amongst the students. A series of guest lecture were organized by the alumni association viz. Prof Ms. Pranali U Singh of Pragati College Dombivali Ms. Aishwarya Balu, Quality Control Officer, United Foods Company, Dubai - 'Scope and Opportunities in Food Technology' Dr. Sneha Dokhale - 'Bioinformatics.

5.4.2 – No. of registered Alumni:

1350

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

100000

5.4.4 – Meetings/activities organized by Alumni Association :

1) A guest lecture was delivered on 18th March 2019 by Gold Medalist Alumni Prof Ms Pranali U Singh of Pragati College Dombivali on study techniques and answer writing skills. 2) Ms. Aishwarya Balu, Quality Control Officer, United Foods Company, Dubai delivered a lecture on 'Scope and Opportunities in Food Technology', 19th September 2018 (45).It was organized by the Department of Microbiology 3) A lecture on 'Bioinformatics', by Dr. Sneha Dokhalewas conducted on the 9th of January, 2019 (48). It was organized by the Department of Microbiology 4) An Alumni meet was organized on 26th January 2019 5) Alumni participates in the flag hosting ceremony on 15th August 2018 6) Alumni provides motivation and guidance to the N.C.C cadets for the vice chancellors banner of Mumbai University.

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)

- The College is managed through a trust 'Kalyan Citizens' Education Society' (promoted by Kalyan Charity Trust. • The College is granted 'Autonomous' status. Under Autonomy various bodies has been constituted like Governing Council, Board of Studies, Academic Council, Board of Management The College believes in family culture and participatory management and Board of Examination for the smooth functioning of both Academic and Administrative functioning as per the University guidelines. • 1) The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. • 2) It has a well-designed organizational structure with different bodies and committees and well-defined processes to provide leadership and manage different functions and initiate timely action, in tune with its vision and mission. Best Practice : 1) Collective leadership and democratic tradition • Teachers discharge an important role in implementing the vision and mission of the college and to that end play a proactive part in the decision-making process. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units. • Teaching faculty are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Committees like Academic Council, the Examination Committee, the Admission Committee, the Library Committee, Admission Committee, Anti-Ragging Committee, Cultural Events Committee, Research Monitoring Committee, Grievance, etc. • Teachers are able to contribute in a significant way to the participatory ethos of the institution. They determine admission criteria, marks cut-offs, examination modalities, library practices, various teaching learning innovations and other academic priorities. • There are different sub-committees which have been nominated by Principal: Class Room Mentors, Discipline Maintenance committee, Examination Committee, Placement and career

counselling cell etc. Best Practice 2) Well-designed organizational structure and action plan • The Principal has an open door policy. Issues, if any, are resolved with due care. The academic administration faculty-wise is monitored by the Principal, respective Vice Principals and Heads of respective departments. • The office (General Office, Accounts, Laboratory and Library) functioning is automated to a large extent. The College is ISO 9001-2015 Certified. • The processes of administration are well-defined. Statutory Compliances are timely followed. Roles and responsibilities at different hierarchy levels are well-defined. • The College has three Vice Principals (faculty wise) and one Vice Principal for Un-aided Courses. All Vice Principals monitor and supervise academic and administrative functioning. • 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, attendance, conduct of test, etc. Parents Meeting are organized to receive feedback and provide guidance, Mentoring / Counselling is provided by Heads and Faculty members. • Various Co-curricular and Extra Curricular activities are coordinated by activity heads for the holistic development of the students. • The College organizes several faculty enrichments programmes • Active Students' Council which helps in maintaining a very proactive academic environment in the campus. • Excellent interpersonal relationship between all the stakeholders.

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	• Curriculum design is a very important part of creating a contextually relevant and responsive teaching and learning environment for both students and teachers. • 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 by including subject experts from reputed institutions and industries to get complete feedback for the changes to be incorporated in the syllabus. • The Departments have revised their syllabi accordingly and got approved by the Board of Studies members. Imparting skill-based learning, with emphasis on developing entrepreneurship aptitude. • Board of Studies meeting is conducted twice during the academic year for each department. • Add-on Certificate courses is being conducted by each department as per the industrial requirements to allows students to explore and enjoy subjects that is not in the curriculum
Teaching and Learning	• Flipped classroom teaching • Use of

		Models, Charts, Maps, etc. • Extensive use of ICT : Use of Smart Classroom / Virtual Laboratory • Power Point Presentations by students on various topics from curriculum • Innovative Inter- departmental, Inter-disciplinary practical and projects • Hands-on training of various laboratory equipment's • Manuals prepared by students • Specially designed skill experiments in Physics • Involvement of students in small Research Projects and Research Project Presentation • Encouraging and promoting Field trips, Industrial visits and internships • Lecture series by Academicians, Eminent Scientists and Industry Personnel.
	Examination and Evaluation	• With the grant of autonomy, Board of Examination Committee was constituted under University guidelines. • For the smooth conduct of the administrative work of exam, RESO software was used. • The College is having academic autonomy and follows Credit Based Grading Semester System in UG and PG programmes Evaluation. • The evaluation has been revised to the 60:40 continuous evaluation pattern involving 60 of marks for theoretical semester end examination and 40 of marks allotted for internal assessment. • The internal assessment involves both subjective and objective assessment of the students for skills acquired, involvement in the learning process, completion of assignments, execution of projects, attendance, behaviour etc. • Unique number was defined for each subject under each course. • Seating arrangement with unique Ids were generated. • Additional Exams for students with Medical Issues are being conducted. • All the Semester examinations both at undergraduate and post graduate level are conducted by College. • Each Subject Board has the liberty to plan their internal examinations, as per the needs of the subject and the skills that are being assessed. • Final year manuscripts are being evaluated in three stages: 1) assessed by the subject faculty 2) blind peer assessment 3) Moderation • A model answer is provided for ready reference to a moderator/double blind examiner at the time of submission of corrected manuscripts • • Revaluation of answer books is permissible. •

		Photocopy of answer books are provided to students on demand
	Research and Development	The College believes that research is an integral part of teaching. Several initiatives are taken for sensitizing / promoting research culture. Faculty members are encouraged to participate and organize research meets / workshops / seminars / conferences and present research papers and publish in reputed journals. For this necessary help and guidance is provided to the faculty members by the college and management. There are 09 research centres and 22 research guides in the college. So far 63 students have been awarded Ph. D. Degree under the guidance of this research guides in different subjects.
	Library, ICT and Physical Infrastructure / Instrumentation	• The total area of Library Building is 6000 sq.ft having ground floor and first floor. • Ground Floor (3000 sq.ft) has one Librarian's office, Technical Section, Reference Section, Circulation Section, Stack Room, Staff Toilet, and UPS • First Floor (3000 sq.ft) having Boys Reading Room (Seating Capacity 75), Girls Reading Room(Seating Capacity 50), Staff Reading Room (Seating Capacity 08), Toilet facility (Girls), Internet Section (Seating Capacity 15), and Periodical Section • Library is also equipped with ICT infrastructure and maintains student's attendance through RFID card System. • Campus is made WiFi enabled partially. As compared to last year Wi Fi coverage has increased in library and classrooms. • E- books readers and E-Journals are used by lecturers and students. • HOD's have separate computers. • Lecturers use ICT enabled teaching methods whenever required. Additional three smart boards are used for lecture purposes. • Infrastructure- 1. Two Smart Classrooms have been developed and utilized. 2. As 60 percent of the student body comprises of girls, B. K. Birla College takes special security measures such as 24-hour Security Surveillance via CCTV Cameras.
	Human Resource Management	The College has a vibrant work-culture and a holistic approach to education is encouraged. In effect, it may be said that the institution has been striving to achieve a golden mean between providing several need based

	courses and innovative programmes with state-of-the-art facilities for enhancing the employability quotient on the one hand and on the other grooming the students to be realistic and aware of their social responsibilities. The simultaneous development of the intellectual, physical, cultural and emotional faculties of the students is achieved through various academic, co-curricular and extracurricular activities. The students participate enthusiastically and excel in sports and cultural activities. Extension activities are carried out through NCC, NSS, DLLE units of the college. Various personality development and value education programmes organized for the students in the College by the UGC sponsored GSC, ASC, WSC, Career and Counselling Cell, Centre for Yoga, aim at instilling values and cultivating a healthy mind and a healthy body. WDC, Special Cell and Grievance Redressal Cell of the college ensure gender and social equity and provide help, support and guidance whenever required
Industry Interaction / Collaboration	• The mission of B. K. Birla College - interdisciplinary Research Centre is to promote research culture among both the students and faculty. • The college motivates the faculty to apply for both Major and Minor research projects. • Various research papers are published by both students and faculty each year. • To have more Industry-academic connect the College has signed various MOUs with different Universities (Globally) and Industry. • Interaction with other Universities and Industry has helped in the improvement of curriculum. • Various companies like Capegemini, Pantaloons, ASolution Pharmaceuticals Pvt. Ltd, Torrent power, Frankfin, Times of India, Reliance Retailto name some few has carried out both online and offline campus requirement in the college. • Total 679 students participated in the campus among which 546 students got selected through campus placement.
Admission of Students	Admissions are granted on merit as per University rules. Reservation policy is followed. The College maintains complete transparency in the admission process and does not accept any donation. In addition to the

regular lecture method, teaching-learning process is enriched through interactive sessions, projects, case studies, ICT enabled teaching, etc. The students' progress is monitored through regular class tests. Regular feedback about teaching-learning process is obtained for taking quality enhancement initiatives. The results stand testimony to the emphasis laid on effective teaching and learning processes. The College results have been consistently very good and always higher than the University results. B. K. Birla College Students have regularly figured in University merit list.

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

E-governace area	Details
Planning and Development	• Meticulous planning with an action plan, • periodic review meeting to strengthen the functioning of the College • Eminent experts from different field invited to motivate, provide experience and proficiency. • Intense faculty enrichment programmes 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
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 namely Governing Body, Academic Council, Board of Studies, and Finance Committee. • The College have other non-statutory committees such as the Planning and Evaluation Committee, Grievance Redressal Committee, Examination Committee, Admission Committee, Library Committee, Student Welfare Committee, Internal Complaint Committee, Extra-Curricular Activities Committee and Academic Audit Committee, etc. for efficient and effective administration. • The management has appointed Dr. Naresh Chandra (Retired as Principal on 31st May, 2018) as Director (Education) to oversee and facilitate the institutional growth. • The Administration of the College functions with E-governance system at Government,

	Society and College level. The college tries their best to keep in touch with latest tools of administration with available tools in hand. • Using recent trends in technology administration function in its optimum level. Positive usage of mobile applications helps student and staff members for the smooth information flow. Timely information and updation helps the administration in its smooth functioning. • The college have Biometric attendance for teaching and non-teaching staff. • Students attendance is also maintained through RFID cards. • The college campus id equipped with CCTV Cameras at every place of need.
Finance and Accounts	• The college uses the ADMI software for E-governance to increase the efficiency of Finance and Accounts department of the college. • This helps to increase the proficiency of staff towards the accuracy in financial transactions. • The college conducts regular internal and external audit of annual books of accounts. • The accounts office keeps all financial records separately as per the events and transactions. • The administrative office maintains the Books of Accounts properly which helps in auditing procedure. • ADMI software helps in maintaining the overall efficiency and effectiveness of the institution.
Student Admission and Support	• The College has separate ADMI software for the admission process and RESO software for result administration. • The information brochure including all norms and application form is made available to the students in online mode. • Students are admitted for each course as per the merit. • Needy and deserving students are given fees concession or fees instalment. • College has also created both online and offline helpline numbers and counter for the students. • Students are provided support in Admission form Filling, Examination form filling as well as Scholarship Form filling etc.
Examination	• The College has RESO software for administering the exam process. • The Examination department have been well equipped with ICT tools and a separate server for maintaining the security. •

The Examination department has a Separate Desktop and Internet Facility for online procedure of Paper Downloading and maintaining. • The examination department has the separate Machine for printing the question papers downloaded from university portal. • As per university regulation, under autonomy, the Examination of Arts, Commerce and Science are conducted at college level. • The grades for all courses are moderated as per institute guidelines by the constituted moderation committee. • Complete transparency is maintained in evaluation system.

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 support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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)
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
116	44	94	29

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. All those who have completed 25 years or more than 25 years of service are being felicitate at Birla College, on the foundation day with an appreciation certificate, shawl, shriphal and Rs.5000/- as gift. Fund allocated Rs.4.5 Lacs. 2. Marriage gift for self and children's marriage Particulars Upto 10 years service 10-15 years service Above 15 years service Teaching staff, Registrar, office Supdt. Rs.6000/- Rs.8000/- Rs.10000/- 3. Starting distribution of cake on the occasion of marriage anniversary of staff and in case of unmarried on birthday 4. For those young ladies having small child and are in the employment either in aided or unaided, can use the facility of child care centre opened at Birla School kalyan free of cost 5. Accidental insurance cover and medical reimbursement 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	1. All those who have completed 25 years or more than 25 years of service are being felicitate at Birla College, on the foundation day with an appreciation certificate, shawl, shriphal and Rs.5000/- as gift. Fund allocated Rs.4.5 Lacs. 2. Marriage gift for self and children's marriage Particulars Upto 10 years service 10-15 years service Above 15 years service Other non-teaching staff – Sr. Clerk, Assistant, Attendant and peon, Rs.4000/- Rs.5000/- Rs.6000/- 3. Starting distribution of cake on the occasion of marriage anniversary of staff and in case of unmarried on birthday 4. Accidental insurance cover and medical reimbursement 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	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.

| Degree College(Fund allotted 2.50 Lacs) | | |

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 mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. • Qualified Internal Auditors from external resources have been permanently 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 on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. • 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 Internal external financial audit system. • 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. • The income and expenditure of the institution are subjected to regular internal and external audit.

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
No Data Entered/Not Applicable !!!		
[View File](#)		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	1. ISO-TUV NORD	Yes	Internal Auditors trained by ISO-TUV NORD
Administrative	Yes	1. 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 Parents-Teachers meetings are organised every semester and the parents are involved in decisions regarding intensive and remedial coaching. • Attendance of students is monitored and parents are updated on a monthly basis. Feedback from parents 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)
• **Workshop on Advance tools of Microsoft • Workshop on Stress Management • Workshop on Computer skills enhancement**

6.5.4 – Post Accreditation initiative(s) (mention at least three)
• **Health check-up camps in college to ensure the well-being of the employees • 'Holistic' approach towards all the stake holders • More open interactive and progress oriented organisational culture • World Environment Day Celebration • Guest Lecture on Green Buildings**

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
No Data Entered/Not Applicable !!!					
[View File](#)					

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
Certificate Course- Women and The Law	**01/10/2018**	**30/03/2019**	**20**	**12**
Creative Skills Certificate Course	**18/08/2018**	**24/08/2018**	**80**	**70**
Intercollegiate Essay and Poster Competition, Intercollegiate Best Out of Waste	**24/09/2018**	**24/09/2018**	**140**	**60**
Self Defence Workshop for Girls	**16/01/2019**	**18/01/2019**	**50**	**0**
Cyber	**10/12/2018**	**10/12/2018**	**100**	**50**

Security Awareness Session				
Special Lecture by Dr. Alka Chaubey 'How to Deal with Exam Stress'	28/12/2018	28/12/2018	100	50
International Women's Day Programme-Yoga Workshop	08/03/2019	08/03/2019	50	0
Dance Workshop	27/07/2018	27/07/2018	45	11
Legal Awareness Competition on behalf of NCW	17/12/2018	17/12/2018	100	72
Workshop with Consumer Guidance Society of India (staff programme)	29/03/2019	29/03/2019	65	45
Baking Workshop 1	19/01/2019	19/01/2019	18	12
Baking Workshop 2	16/03/2019	16/03/2019	15	15

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
As an initiative towards Green Campus, the College is focusing on the use of Energy Saving Devices, minimizing waste, rain water harvesting, etc. and creating awareness about plastic-free campus. The Chairman and Faculty Members have sponsored 25 new bicycles to the needy students as a green initiative during the current year. B. K. Birla College is always in the forefront in crating Environmental Consciousness and Sustainability/Alternate Energy initiatives. Following initiatives are taken by the institution • All notices are posted on 'Whats App' group. • Students' attendance is taken by 'Radio Frequency Identification' (RFID). • Solar panels were installed over the roof of canteen to reduce the use of electricity. • Rainwater Harvesting pits created in the campus. •Spreading awareness by displaying posters on 'Save Water' and 'Save Electricity'. • Making of paper bags from newspapers and magazines and distributing in nearby shops. • Workshops on Solid Waste Management at Home to create environmental consciousness about home environment and Sustainability of resources at home. • Vriksha Dindi and tree plantation programme is organised every year to create awareness among the masses. • Biogas plant was reinstalled near canteen for converting the canteen waste to cooking gas • Students are encouraged to submit assignments and project online. • E-magazine is published in the year 2018-19 • The students are instructed to switch off the electrical appliances and instruments after use. All the lights, fans and air conditioners are switched off when not required. • Workshop on Bio-composting and Vermicomposting by the Department of Environmental Science. • E-

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	10
Ramp/Rails	Yes	3
Braille Software/facilities	No	0
Rest Rooms	Yes	10
Scribes for examination	No	0

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
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
UGC Code of conduct	30/06/2018	Students and staff members of the college are briefed about the code of conduct by the Principal. The students' grievance redressal cell and a staff grievance redressal cell addresses the grievances faced by the Staff and Students according the guidelines laid by this regulation. Internal Complaints Committee is formed for addressing various concerns at workplace. Anti-Ragging Cell members and all faculty members are vigilant about any untoward incidence in the campus for quick and smooth resolution of the issue.
Gandhian Studies Centre, Ambedkar Studies Centre and Centre for Yoga and Philosophy	11/06/2018	To inculcate Human Values based on the equity, education and inclusiveness, workshops,

		lecture series and camps are organised.
Students' Counseling Cell	11/06/2018	Students can approach the Cell through their class mentors or independently for counselling.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

View File

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

We have lush green Campus spread over 14 acres (Total 20 acres including B. K. Birla Public School). A green house is maintained by the Dept. of Botany. Bottle Gardens, Bonsai Plants, fish aquariums are being developed with the dual purpose of aesthetic beauty of campus and commercial skill development in students. Safety audits, Energy audits are regularly conducted in the college. Also entrepreneurial projects like the low cost herbal hand sanitizer Nirmalaya flower based perfume etc. has been developed by undergraduate students. Environmental Awareness: 2018-19 1. 'World Environment Day' was celebrated on 5th June 2018. Tree Plantation programme was organized at the College. 2. Vriksha Dindi is organized every year in association with Kalyan-Dombivli Municipal Corporation, Century Rayon, Social Forestry Department, Friends of trees Kalyan Branch and NGOs like Rotary Club, Lion's Club and Giants Club to create awareness regarding the importance of tree plantation. This year it was organized on 2nd September 2018. Tree bank is maintained. 3. The campus already has a large number of trees. Yet every year a number of plants / saplings are planted in the campus. The trees are numbered and the botanical name and common name of the tree is displayed on it. 4. World Mangrove Day was celebrated on 26th July 2018 by Department of Environmental Sciences. Students of Environmental Sciences and Zoology planted mangrove saplings at a creek in Dombivli. A lecture on 'Importance of mangroves was delivered by Dr. P. S. Kale'. 5. A workshop on 'Water Quality Analysis' was organized by Department of Environmental Sciences on 6th and 7th August 2018. Water samples from students of the college were collected and analyzed to check the potability of water from areas like Kalyan, Dombivli, Ambernath, Badlapur, Shahapur etc. Reports indicating potability were given to the students from these areas. 6. Eco friendly Ganapati Festival was organized on 13th and 14th September with the theme "Reduce, Recycle and Reuse". 7. World Ozone Day was celebrated on 16th September 2018. 8. World Wildlife Week was celebrated between 2nd and 7th October 2018. Lectures were organized by Dr. Anil Chaubey, Chief Scientist CSIR, NIO and D. Roshni Udyavar, BEE-certified Master Trainer on 4th October 2018. 9. The students are instructed to switch off the electric appliances and instruments after use. All the lights, fans and air conditioners are put off when not required. 10. Workshop on Making of Natural Colors and Cosmetics was organized by Department of Environmental Sciences on 18th December 2018. Students were trained to prepare colors from natural ingredients for the forthcoming 'Holi Festival' 11. Solar panels were installed over the roof of canteen to reduce the use of electricity. 12. Biogas plant was reinstalled near canteen for converting the canteen waste to cooking gas 13. Department of Environmental Sciences introduced two certificate courses of 02 credits each in Soli

7.2 – Best Practices

Best Practice 1. Goal: To encourage students to earn more credits by attending interdisciplinary certificate courses. Content: As a part of the autonomy, the syllabi of all courses were revised during 2018-19. Apart from the usual curriculum, students must acquire an overall expertise in their field. Keeping this goal in mind, each department of the college has taken initiatives to offer a certificate course of 2 credits / semester. The students were given freedom to choose their courses according to their requirements and interest. Specific changes were made in the time table so as to conduct all the certificate courses on Saturday from 10.30 am to 12.30 pm. This helped the students to pursue their course of interest. Practice: The following certificate courses were offered during 2018-19 • Certificate Course in 'Cyber Security and Cyber Forensics' from 15th June, 2018 by Department of Information Technology. 18 students were enrolled. • Certificate Course in 'Chinese Language' from 28th July, 2018 by Centre for Foreign Languages. 23 students were enrolled. • Certificate Course in 'Japanese Language' from 28th July, 2018 by Centre for Foreign Language. 39 students were enrolled. • Certificate Course in 'French Language' from 28th July, 2018 by Centre for Foreign Language. 51 students were enrolled. • Certificate Course in 'German Language' from 28th July, 2018 by Centre for Foreign Language. 63 students were enrolled. • Certificate Course in 'Spanish Language' from 28th July, 2018 by Centre for Foreign Language. 44 students were enrolled. • Certificate Course in 'Astronomy and Astro Physics' from 11th August, 2018 by Department of Physics. 46 students were enrolled. • Certificate Course in 'Introduction of GST' from 25th August, 2018 by Department of Accountancy and Commerce. 85 students were enrolled. • Certificate Course in 'Introduction of Direct Tax' from 25th August, 2018 from Department of Accountancy and Commerce. 41 students were enrolled. • Certificate Course in 'Introduction of Stock Exchange and Equity Research' from 25th August, 2018 by Department of Accountancy and Commerce. 92 students were enrolled. • Certificate Course in 'Personality Development' from 25th August, 2018 by Department of Accountancy and Commerce. 65 students were enrolled. •Certificate Course in 'Logistics and Supply Chain Management and Office Management' from 25th August, 2018 by Department of Accountancy and Commerce. 27 students were enrolled. • Certificate Course in 'Web Designing' from 25th August, 2018 by Department of Computer Science. 31 students were enrolled. • Certificate Course in 'Android Programming' from 25th August, 2018 by Department of Computer Science. 11 students were enrolled. • Certificate Course in 'Emotional Intelligence' from 25th August, 2018 by Department of Management Studies. 26 students were enrolled. • Certificate Course in 'Basic of Investment' from 25th August, 2018. 35 students were enrolled. • Certificate Course in 'Insight of Indian Stock Market' from 25th August, 2018. 48 students were enrolled. • Certificate Course in 'Introduction to Financial Market' from 25th August, 2018. 41 students were enrolled. • Certificate Course in 'Computer Assisted Auditing Techniques' from 25th August, 2018. 39 students were enrolled. • Certificate Course in 'Travel and Tourism' from 1st September, 2018 by Department of Geography. 142 Students were enrolled. • Certificate Course in 'Export and Import Management' from 1st September, 2018 by Department of Economics. 112 students were enrolled. • Certificate Course in 'Hindi Anuvad' from 1st September, 2018 by Department of Hindi. 41 students were enrolled. • Certificate Course in 'Marathi Natyaprakashan' from 1st September, 2018 by Department of Marathi. 26 students were enrolled. • Certificate Course in 'Spoken English' from 1st September, 2018 by Department of English. 105 students were enrolled. • Certificate Course in 'Leadership Development' from 1st September, 2018 by Department of Political Science. 62 students were enrolled. • Certificate Course in Epigraphy from 1st September, 2018 by Department of History. 151 students were enrolled. • Certificate Course in 'Miniature Gardening' from 1st September, 2018 by Department of Botany. 75

students were enrolled. • Certificate Course in 'Basic Instrumentation' from 1st September, 2018 by Department of Chemistry. 56 students were enrolled. • Certificate Course in 'Macromolecules from 1st September, 2018 by Department of Microbiology. 48 students were enrolled. • Certificate Course in 'Biostatistics' from 1st September, 2018 by Department of Zoology. 57 students were enrolled. • Certificate Course in 'Business Accounting and Tally ERP 9.0' from 1st September, 2018 by Department of Information Technology. 23 students were enrolled. • Certificate Course in 'Plant Tissue Culture' from 1st September, 2018 by Department of Biotechnology. 35 students were enrolled. • Certificate Course in 'Solid Waste Management' from 1st September, 2018 by Department of Environmental Sciences. 40 students were enrolled. • Certificate Course in 'Chromatography' from 1st September, 2018 by Department of Bioanalytical Sciences. 40 students were enrolled. • Certificate Course in 'Foundation Course for Yoga Intern' from 12th November, 2018 by Centre for Yoga, Philosophy and Best Practice'. 51 students were enrolled. • Certificate Course in 'Clinical Research' from 19th January, 2019 by Department of Bionalaytical Sciences. 55 students were enrolled. • Certificate Course in 'Fermentation Technology' from 29th January, 2019 by Department of Microbiology. 33 students were enrolled. • Certificate Course in 'Designing of Effluent Treatment Plant' from 2nd February, 2019 by Department of Environmental Sciences. 44 students were enrolled. • Certificate Course in 'Advance Excel' from 8th February, 2019 by Department of Computer Science. 21 students were enrolled. • Certificate Course in 'Industrial Chemical Analysis' from 9th February, 2019. 35 students were enrolled. • Certificate Course in 'Fragrance and Flavours' from 9th February, 2019 by Department of Botany. 59 students were enrolled. • Certificate Course in 'Human Genetics and Counselling' from 9th February, 2019 by Department of Zoology. 56 students were enrolled. • Certificate Course in 'Bioinformatics' from 19th February, 2019 by Department of Biotechnology. 35 students were enrolled. • Certificate Course in 'Event Management' from 23rd February, 2019 by Department of Management Studies. 11 students were enrolled. • Certificate Course in 'Portfolio Management' from 23rd February, 2019. 11 students were enrolled. • Certificate Course in 'Derivatives and Commodity Markets' from 23rd February, 2019. 33 students were enrolled. • Certificate Course in 'Computer Hardware and Maintenance' from 10th March, 2019 by Department of Information Technology. 14 students were enrolled. • Certificate Course in 'Screen Play Writing' from 1st April, 2019 by Department of Marathi. 27 students were enrolled. • Certificate Course in 'Basic Electronics' from 1st April, 2019 by Department of Physics. 5 students were enrolled. • Certificate Course in 'Advance Excel and Latex' by Department of Mathematics. 22 students were enrolled. • Certificate Course in 'Photo Journalism' by Department of Mass Media. 23 students were enrolled. Problems Encountered and Resources Required: Persuasion and encouragement by the faculty members changed the mind set of the students. Also the fee was kept as minimal as possible. Hence students did not have much of a problem to take admission. Evidence of Success: A total of 2373 students were benefitted out of these certificate courses. All the students were awarded with extra certificates of 2 credits on the successful completion of the courses. Best Practice 2: Goal: Enrich and motivate students through inspirational lectures by eminent scientists and resource persons. The college thrives to improve the academic, moral and ethical level of each student by organizing various programmes. One such initiatives during 2018-19 was the conduction of series of lectures by eminent people from various fields and industry. All departments were given responsibility to invite eminent personalities for organizing lectures to improve the subject knowledge of the students as well as to develop them to responsible citizens, aware of the environmental and social issues. During the academic year 2018-19 the two eminent personalities invited were the Magsaysay awardees of the year 2018, Dr. Bharat Vatwani and Mr. Sonam Wangchuk. Practice: The following Lectures were organized • Guest Lecture on 'Security

Analysis and Portfolio Management' by Dr. Jyotsna G. V., Assistant Professor, Arva Munich University on 24th August, 2018. • Guest Lecture on 'Recent Trends in Marketing' by Dr. Rajesh Srivastava, HoD and Professor, Sydenham Institute of Management on 31st August, 2018. • Guest Lecture on 'Benefits of Financial Planning' by Mr. Himanshu Mayne, Certified Financial Planner on 1st September, 2018. • Guest Lecture on 'Mind Empowerment' by Dr. Shweta Anand, Clinical Pschologist, Motivational Speaker and Life Coach on 4th October, 2018. • Guest Lecture on 'Arts as a Healing' by Dr. Rajiv Mishra, Principal Sir JJ School of Art on 3rd November, 2018. • Guest Lecture on 'Tax Outreach and Tax Payers Education Programme' by Mr. Rajesh Menon, JCIT-1 Kalyan on 10th January, 2019. • Guest Lecture on 'Future Earth' by Dr. M. G. Takwale, Former Vice Chancellor, Shivaji University, Kolhapur and Pravra Institute of Medical Sciences, Loni on 11th January, 2019. • Guest Lecture on 'To Enlighten students as to recent trends in finance' by CA Rajendra Manudhane, Founder and Director, KRM Securities Pvt. Ltd. on 18th January, 2019. • Guest Lecture on 'To Enlighten students as to recent trends in finance' by CA Mayur Manudhane, Director, KRM Securities Pvt. Ltd. on 18th January, 2019.

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

Strong Research Culture - The College was established in 1972, by Kalyan Citizens' Education Society with the blessings of Late Syt. B. K. Birla ji and Late Smt. Sarala ji Birla. The College offers 22 UG, 27 PG courses in Arts, Science and Commerce and 09 Ph. D. programs in the subject of Botany, Biotechnology, Physics, Chemistry, Zoology, Microbiology, Hindi, History and Economics. A Ph. D. program is being introduced in Commerce. The College also conducts PG Diploma in Bio-nanotechnology and A-DMLT. The UGC has sanctioned a Community College for Diploma in Accounting and Taxation in 2015-16. The College has been accredited by NAAC with 5 Star Status in 2002, reaccredited (2nd Cycle) with 'A' Grade (CGPA - 3.37) in 2008 and reaccredited (3rd Cycle) and awarded 'A' Grade (CGPA - 3.58) in 2014. The College was granted 'College with Potential for Excellence' status by UGC (2010) and presently granted 'College of Excellence' status (2015-20). The departments of Botany, Chemistry, Microbiology, Physics and Zoology have been awarded 'Star Status' by the DBT, GOI in 2017. Recently, the departments of Mathematics, Information Technology and Computer Science have received support from 'DBT-Star College Scheme'. The College has been sanctioned funds under the 'FIST' Programme of DST to strengthen Teaching and Research Facilities in all Science Departments. B. K. Birla College has a vibrant work-culture with holistic approach to education. The teaching - learning process is supported by the use of ICT, interactive exercises, projects, assignments, etc. in addition to chalk and talk method. The College believes that research is an integral part of teaching. Several initiatives are taken for sensitizing / promoting research culture. Faculty members are encouraged to participate and organize research meets / workshops / seminars / conferences and present research papers and publish in reputed journals. For this necessary help and guidance is provided to the faculty members by the college and management. There are 09 research centers and 22 research guides in the college. So far 59 students have been awarded Ph. D. Degree under the guidance of this research guides in different subjects. In last Five years (2014-15 to 2018-19) faculty members have published 172 papers in reputed International Journals, 103 papers in National Journals, 90 papers in the proceedings in the International conferences and 78 papers in the

proceedings of National Conferences / Seminars. 80 books (Text and Reference) have been authored by the faculty members. They have also contributed 51 chapters in different national and international reference books. The faculty members undertake minor and major research projects funded by University of Mumbai, UGC, AYUSH, etc. In last Five years, 5 Major and 35 Minor Research Projects have been completed by the faculty members. 2 faculty members have received industrial consultancy. 10 Patents have been filed in last five years. In the year 2018-19, 03 students were awarded Ph.D. Dr Sandesh Jaybhaye received DRDO project of Rs 25,00,000/- and industry sponsored project by Century Rayon of Rs 4,57,000/-

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

8.Future Plans of Actions for Next Academic Year

The future plans of the institute focus on enhancing the intellectual environment and outcome. To encourage all-round development of students and develop their personality in physical, mental, cultural and spiritual aspects, the college proposes various facilities in co-curricular and extracurricular activities. Participation of such activities will also be awarded credit points. It will motivate students to participate in co-curricular and extra-curricular activities. Action Plan (in a phased manner) I. Academic: • To start M.Sc. (Data Science and Big Data Analytics), M.Sc. (Finance) and M.Com. (Banking and Finance) • Initiation of integrated B.A. B.Ed and B.Sc. B.Ed • To start BMS (Sports Management), BMS (Event Management), M.A. (Sports Management) and M.A. (Event Management). • To start M.Sc. (Artificial Intelligence) and M.Com. (Accounting and Finance). • Introduction of skill-oriented Diploma, Certificate Courses, etc. II. Infrastructure: • Construction of New Building including Laboratories (G4) • Construction of Sewage Treatment Plant • To convert existing Classrooms into Smart Classrooms • Beautification of campus. III. Research: • To motivate the faculty members to pursue research for Ph. D., Post-Doctoral Work, publish research papers in standard journals • To motivate the faculty members to attend, present papers in the conferences / seminar and organise International / National Seminars / Conferences / Workshops, etc. • To motivate the faculty members to submit the proposals for Major and Minor research projects to various funding bodies. IV. Teaching-Learning: • To motivate the faculty members for extensive use of ICT facility and other teaching aids in teaching-learning process. • To invite eminent persons to deliver special lectures to inspire the young minds. • To sign MoUs with institutions and industries for students and faculty exchange, collaborative research activities, training, internship, placement, etc. • To conduct more personality development programmes / training workshops / lectures for the faculty members and staff. V. Other: • To strengthen infrastructure including ICT facilities • To undertake more green initiatives • To increase campus placement drives with reputed companies. • To apply for various funding schemes of Government, UGC and other bodies. • To organise co-curricular and extra-curricular activities including fests (science, social science, commerce, sports, cultural events, etc.).