

The Annual Quality Assurance Report (AQAR) of the IQAC (2016-17)

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

Birla College of Arts, Science and Commerce, Kalyan

1.2 Address Line 1

Birla College Road,

Address Line 2

Kalyan (W), Dist. Thane (M. S.)

City / Town

Kalyan

State

Maharashtra

Pin Code

421304

Institution e-mail address

birlapincipal1972@gmail.com

Contact Nos.

(0251) - 2232930 / 2230740

Name of the Head of the Institution:

Dr. Naresh Chandra

Tel. No. with STD Code:

(0251) 2231294 / 2230740 / 2232930

Mobile:

9820888494

Dr. Naresh Chandra, Principal, Birla College of Arts, Science and Commerce, Kalyan - 421 304, (M.S.)

Phone: (O) 0251-2232930 (Fax) 0251-2231029.

E -mail: birlapincipal1972@gmail.com. Visit: www.birlacollegekalyan.com

Name of the IQAC Co-ordinator:

Dr. Geetha Unnikrishnan

Mobile:

9819520730

IQAC e-mail address:

birlapincipal1972@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN 10154

OR

1.4 NAAC Executive Committee No. & Date:

EC/46/RAR/02

1.5 Website address:

www.birlacollegekalyan.com

Web-link of the AQAR:

www.birlacollegekalyan.com/aqar.pdf

1.6 Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	5 Star	--	2002	5 years
2	2 nd Cycle	A	3.37	2008	5 years
3	3 rd Cycle	A	3.58	2014	7 years
4	4 th Cycle	--	--	--	--

1.7 Date of Establishment of IQAC: DD /MM / YYYY

22nd June, 2003

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR (2015-16) submitted to NAAC on 16 / 09 /2016

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1.9 Institutional Status

University	State	<input checked="" type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				

(eg. AICTE, BCI, MCI, PCI, NCI) by **University Grants Commission (UGC)**

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>
	Grant-in-aid + Self Financing*	<input checked="" type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>		

*(Some Programmes)

1.10 Type of Faculty / Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>		
Others (Specify)	<input type="text" value="--"/>								

1.11 Name of the Affiliating University (for the Colleges)

University of Mumbai

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

*

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DST Star Scheme	<input type="text" value="√"/>	UGC - CE	<input type="text" value="√**"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text" value="√"/>
UGC-Innovative PG programmes	<input type="text" value="***"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

* from 2010 – 15

** from 2015 – 20

*** PG Diploma in Bio-nanotechnology

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="19"/>
2.2 No. of Administrative / Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="-"/>
2.8 No. of other External Experts	<input type="text" value="-"/>
2.9 Total No. of members	<input type="text" value="24"/>
2.10 No. of IQAC meetings held	<input type="text" value="10"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="02"/> Faculty <input type="text" value="01"/>
Non-Teaching Staff	<input type="text"/> Students <input type="text" value="01"/> Alumni <input type="text" value="01"/> Others <input type="text" value="--"/>

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2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

NA*

* Grant received from UGC for a period of 3 years (2013-14, 2014-15 and 2015-16).
Grant awaited for the current year.

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars / Conferences / Workshops / Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. Workshop on 'MOODLE' – 29th – 30th July, 2016
2. Workshops on 'Image Enhancement' – 20th August, 2016
3. Workshops on 'Image Enhancement' – 27th August, 2016
4. Training on New ISO Standards (9001 : 2015) – 28th September, 2016
5. Interactive Seminar on 'Study Aboard' – 8th December, 2016
6. National Seminar on '4th Cycle of Reaccreditation Process' – 27th March, 2017
7. Workshop on 'Laboratory Maintenance and Safety Measures' – 30th March, 2017
8. National Seminar on 'Twenty Five Years of Liberalization, Privatization and Globalization' on 30th April, 2017.

2.14 Significant Activities and contributions made by IQAC:

- 1) An **Orientation Programme** was organised for the First year undergraduate students from 8th to 16th July, 2016. The programme was aimed at facilitating the smooth transition of students from junior college to under- graduate studies at Birla College. The main objective was to give an overall idea about the programs, / courses offered, curricular and co-curricular activities organised at Birla College. They were also acquainted with the examination pattern and grading system.
- 2) A **Scientific Rangoli Competition** was organised by IQAC to develop and enhance the creativity of the students on 19th July, 2016. This helped the students to learn the subjects in a unique way.
- 3) To promote **Research Culture**, IQAC, under the Research Committee, motivated faculty members to apply for Major / Minor research projects and to publish papers in reputed journals:
 - 11 faculty members were awarded MRP with a total outlay of Rs. 3.8 lakhs.
 - 53 Research papers were published in International Journals.
 - 24 in National Journals
 - 2 in International E- Journals
 - 1 in National E-Journal.
- 4) The faculty members due for placements under **CAS** were informed about the procedure and encouraged to submit the duly-filled forms on time. Nine faculty members submitted the duly filled forms for placements under CAS.
- 5) A **workshop on 'MOODLE'** was organized by IQAC as a Faculty Enrichment Programme on 29th to 30th July, 2016. The workshop was organized to help the faculty members to further improve their teaching- learning and evaluation skills. Mr. Mandar Bhanushe, Department of Mathematics, IDOL, University of Mumbai, was invited as a Resource Person. The faculty members learnt to create course content, to add files, folders, PPT, questionnaires, videos or pictures, etc. in the content.

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- 6) Two workshops on **'Image Enhancement'** were organised by IQAC as a Faculty Enrichment Programme, on 20th and 27th August, 2016, for the teaching staff, at Century Rayon, Shahad. Ms. Greeshma Thampi was the resource person who shared her expertise and knowledge with regards to etiquettes including dining, dressing, etc.
- 7) A **training programme** was organised on the implementation of **ISO Standard 9001:2015** for the faculty members on 28th September, 2016, at Century Rayon, Shahad. Mr. M. C. Billimoria, Lead Auditor, as the resource person, emphasised on the major changes in the standard and also guided the route to integrate the current standard with the new standard.
- 8) Six students bagged the **'Best Research Paper'** Award in the **25th International Economics Convention** held at R. D. National College, Bandra, Mumbai, on 28th - 30th November, 2017.
- 9) An **interactive seminar on: 'Study Abroad'** was organised by UGC-sponsored 'Centre for Foreign Languages' in collaboration with the IQAC, Birla College, on 8th December, 2016. Mr. Satyaprakash Chhetry, representing T.I.M.E Institute, addressed the under-graduate and post-graduate students to enlighten them about the criteria and procedure to undergo the competitive tests like GMAT and GRE, TOEFEL and MIM.
- 10) An Intercollegiate Science Festival- **'PRAVAH – 2016'** was organised on 15th - 16th December, 2016 under DBT Star College Scheme, to create interest in the basic sciences and to develop an interdisciplinary approach. Academic, cultural and creative competitions were included in the Science Festival. The Chief Guest for the inaugural function was Padma Shri Prof. Anil Kumar Gupta, IIM, Ahmedabad and Exec. Vice Chair, National Innovation Foundation. In his address, he cited many examples of innovative ideas given by students from all over India. Competitions and Exhibitions were organised to develop scientific temperaments amongst the students. 40 Colleges and 28 Schools participated in the 2 - day Science fest. 393 students participated in the competitions and 675 students participated in the departmental activities. About 2189 foot falls were observed in all the events.
- 11) Annual cultural festival **'Birlotsav'** was organised by Arts Circle with the help of IQAC from 21st - 24th December, 2016. The cultural festival witnessed the talents of the students in Dance, Music, Drama, Painting, Rangoli, Salad Dressing, Best out of waste, etc. and the personality contest to select the Miss and Mr. Birla College.
- 12) **Annual Alumni Meet** was organised on 26th January 2017 for all streams. A common meeting was organised in the Seminar Hall to share the experiences of the Birla College alumni. *This was followed by Department wise interaction between faculty members, alumni and present students.*
- 13) Tuesday, the 28th February, 2017 will be carved in golden letters in the history of Birla College, Kalyan. The day will be cherished for a life time as our esteemed patron Smt. Neerja ji Birla, Founder and Chairperson of Mpower, Chairperson of The Aditya Birla World Academy and The Aditya Birla Integrated School, graced the **Degree Distribution Ceremony** held at Birla College, Kalyan. Smt. Neerja ji Birla appreciated the achievement of the students. She also cited examples from her own life and explained the importance of 5 Cs i.e. Curiosity, Courage, Confidence, Consistency and Commitment in every individual's life.
- 14) A **One - Day Seminar on '4th Cycle of Reaccreditation Process'** was organised on Monday, the 27th March, 2017. A total of 307 people actively participated in the seminar. Shri B.S. Ponnudiraj, Deputy Advisor, NAAC, Bangalore, delivered the key note address. He emphasized on the process of 4th Cycle of Accreditation by NAAC in detail, describing the key challenges, how to quantify the data, how to project facts and the impact analysis. He explained all the seven criteria for assessment and accreditation very systematically. Dr. Raamaa Bhoslay, Joint Director, Higher Education, Konkan Region, Panvel was the guest of honour. The resource person of the seminar Dr. (Mrs.) M. K. Pejaver, Principal, VPM's B.N. Bandodkar College of science, Thane presented 'Making Quality Happen' and highlighted on few of the best practices in the College like Participative Leadership, Societal development, Innovative developments, etc. Principal (Dr.) Baptist Agnel Menezes, St. Xavier's College, Mumbai narrated few best practices and highlighted on the innovative Teaching-Learning, Multi disciplinary approach, Value based co-curriculum, Mentoring system and Development of research culture, etc. Ms. Kavita Jajoo, R. A. Podar College of Commerce & Economics, Mumbai, explained "Learn India" Moneta, by the College and specifically spoken about special induction training for new teachers, Peer Learning, Buddy Programme: Remedial mentoring, Best student adopts weak student coaching, Inclusive learning and Synergy building; Dr. Swapna Samel, Sr. vice-principal, Birla College, Kalyan, presented the best practices followed at her College, Kalyan like the College offers 54 programmes, vibrant research culture, organising seminar on the day of retirement of faculty and non teaching staff, etc. and Dr. M. R. Kurup, Secretary, KET's Vaze College of Arts, Science and Commerce, Mumbai, spoke on 'Preparation for 4th cycle of Reaccreditation Process'. Two panel discussions were held on the seventh criteria of NAAC. The panellists were Principal (Dr.) Vijay Joshi, K. J. Somaiya College of Science and Commerce, Mumbai; Principal (Dr.) Kiran Mangaokar, Guru Nanak Khalsa College, Mumbai and Dr. Geetha Unnikrishnan, Coordinator, IQAC, Birla College, Kalyan.
- 15) Keeping the trend of organising an academic event on the retirement day of the faculty / staff (Mr. J. D. Suryawanshi, Lab Assistant, Department of Botany and Mr. B. G. Kurle, Lab Attendant, Department of Physics), IQAC organised a workshop on **'Laboratory Maintenance and Safety Measures'** on 30th March, 2017 .

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2.15 Plan of Action by IQAC / Outcome

Plan of Action	Outcome
To make Alumni Association active-through advertisement / Facebook	Have organised Alumni meet on 26 th January, 2017. Each department has enrolled its alumni through Whatsapp and Facebook.
Mass screening of students at entry point to identify and nurture the artistic talents of the students.	Arts Circle identified many talented students in performing Arts and nurtured their talents.
To make Language laboratory accessible to all students.	Under Consideration.
To organise training programmes for faculty.	Four trainings programmes were organised for the faculty. 1. Workshop on MOODLE 2. Workshop on Image Enhancement 3. Workshop on Implementation of new standard ISO 9001:2015. 4. Workshop on ' Laboratory Maintenance and Safety Measures ' for laboratory staff.
To start a Research journal / Science Bulletin.	Not achieved
Develop more International and National Linkages with Institutes / Universities / Industries.	<ul style="list-style-type: none"> • Signed MoU with North Carolina University, Ashville, USA for faculty exchange on 23rd November, 2016. • Signed an MoU with Ishwardas Chunnilal Yogic Health Centre, Kaivalyadham, Lonavala on 2nd February, 2017.
To inculcate values in students and to develop a unique way to learn and express their subject through creative skills / power point presentation.	274 First Year and Second Year Undergraduate Students learned to make power point presentation on the subject of their interest.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate any other body

Provide the details of the action taken

Suggestion from the Chairman and members of the Management are considered.

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Part – B

Criterion - I

1. Curricular Aspects (Annexure 1.1)

1.1 Details about Academic Programmes

Level of the Programme	Number of Existing programmes	Number of programmes added during the year	Number of Self-financing programmes	Number of programmes Added / Career Oriented Programmes
Ph.D.	07	02	-	-
PG	17 [#]		-	-
UG	22 [#]	-	-	-
PG Diploma	02	-	-	-
Advanced Diploma	01	-	-	-
Diploma	02			
Certificate	10 + 07 [#]	-	-	-
Others	03 ^{\$}	-	-	-
Total	58	02	-	-
Interdisciplinary	03	-	-	-
Innovative				

#UG and PG Courses in YCMOU and IDOL

07 Courses under CE

\$ Certificate Course

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

➤ CBSGS (Credit Based Semester and Grading System)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	√ (All)
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employees Students
(On all aspects)

Mode of feedback: Online Manual Co-operating schools (for PEI)

* Analysis of the feedback is provided in Annexure 1.2

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1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

There is no significant change in the syllabi. However, in the academic year 2016-17 new CBSGS system with 100 marks was introduced to all First Year Undergraduate students of Science, Arts and Commerce stream. The previous pattern of 75:25 continued for second year and third year for Arts, Science and Commerce stream.

Foundation Course pattern continued with 75:25 in the year 2016-17.

1.5 Any new Department / Centre introduced during the year. If yes, give details.

NA

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Annexure: - 1.1

Sr. No.	Program	Courses	Details	
1	Under Graduate	Bachelor of Arts.	English	3 Unit
			Marathi	6 Unit
			History	3 Unit (English) 6 Unit (Marathi)
			Geography	6 Unit (Marathi)
			Hindi	6 Unit
			Political Science	3 Unit (English) 6 Unit (Marathi)
			Economics	3 Unit (English) 6 Unit (Marathi) 6 Unit (English)
			Bachelor of Mass Media	6 Unit (English)
			Bachelor of Science	Botany
		Computer Science	6 Unit	
		Information Technology	6 Unit	
		Mathematics	6 Unit	
		Physics	6 Unit	
		Chemistry	6 Unit	
		Zoology	6 Unit	
		Microbiology	6 Unit	
		Biotechnology	6 Unit	
		Bachelor of Commerce	B.Com (General)	
		B.Com. (Accounting & Finance)	6 Unit	
		B.Com. (Banking & Insurance)	6 Unit	
		B.Com. (Financial Management)	6 Unit	

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		BMS	Bachelor of Management Studies	6 Unit
			IDOL & YCMOU courses	
	Post-Graduate*	Master of Arts.	Marathi	
			History	
			Business Economics	
			Hindi	
			Political Science	
		Master of Science (By Paper)	Physics	
			Chemistry	
			Zoology	
			Microbiology	
			Biotechnology	
			Botany	
			Environmental Sciences	
			Computer Science	
			Information Technology	
	Master of Commerce	Advanced Accounting & Auditing		
		E- Commerce		
		IDOL & YCMOU courses		
	Ph. D.	Doctor of Philosophy	Botany, Chemistry, Microbiology, Physics, Biotechnology, Zoology, History, Hindi and Economics	
Post-Graduate Diploma	PG Diploma	Bio-Nano Technology		
Advanced Diploma in Medical Laboratory Technology	Advanced Diploma MSBTE	Medical Laboratory Technology (ADMLT)		

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2	UGC Sponsored 'Centre for Foreign Languages' (Under CE)	6 - month Certificate Courses	Languages : French, German, Chinese (Mandarin) (Under CE)	
		English (1-year Certificate Course)	Functional English UGC - Sponsored Career Oriented, 'Add-On' Course	
3	Certificate Course	Hindi	Saral Hindi	3 months
		Centre for Yoga and Philosophy	6 Day workshop on Healthy Body and Healthy Mind (Under CE)	
		History	Certificate Course in Pali (Under CE)	
			Certificate Course in Manuscriptology (Under CE)	
			Certificate Course in 'Studies in Epigraphy' (Under CE)	
		Chemistry	Industrial Chemistry UGC - Sponsored Career Oriented, 'Add-On' Certificate Course	1 year
Zoology	UGC Sponsored Career Oriented 'Add-On' Certificate Course in Bio Informatics	1 year		
4	Diploma Course	Chemistry	Industrial Chemistry (UGC - Sponsored Career Oriented, 'Add-On' Diploma Courses)	1 year
			Accounting and Taxation (Community College)	
5	Interdisciplinary**	B. Sc. Biotechnology		
		B. Sc. Microbiology		
		M. Sc. Biotechnology		
		M. Sc. Environmental Sciences		
		M. Sc. Bioanalytical Sciences		

* PG (by research) in Physics, Chemistry, Microbiology, Biotechnology and Botany: No enrollment of students.

** Interdisciplinary activities are held in departments of Botany, Chemistry, Microbiology, Physics and Zoology under DBT – Star College Scheme.

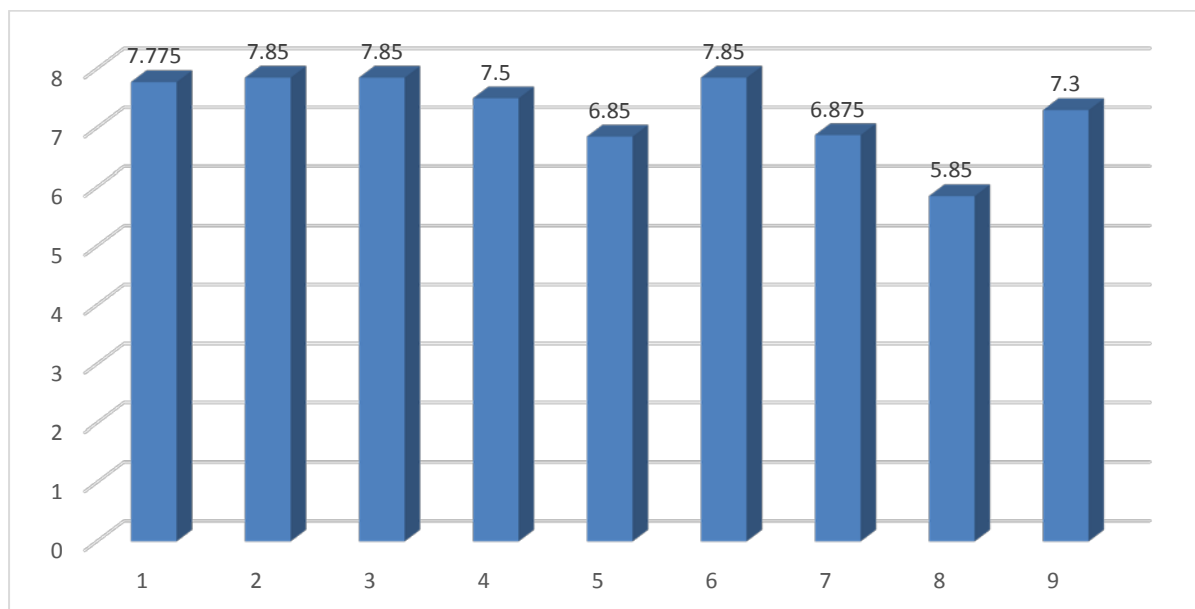
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Annexure: 1.2

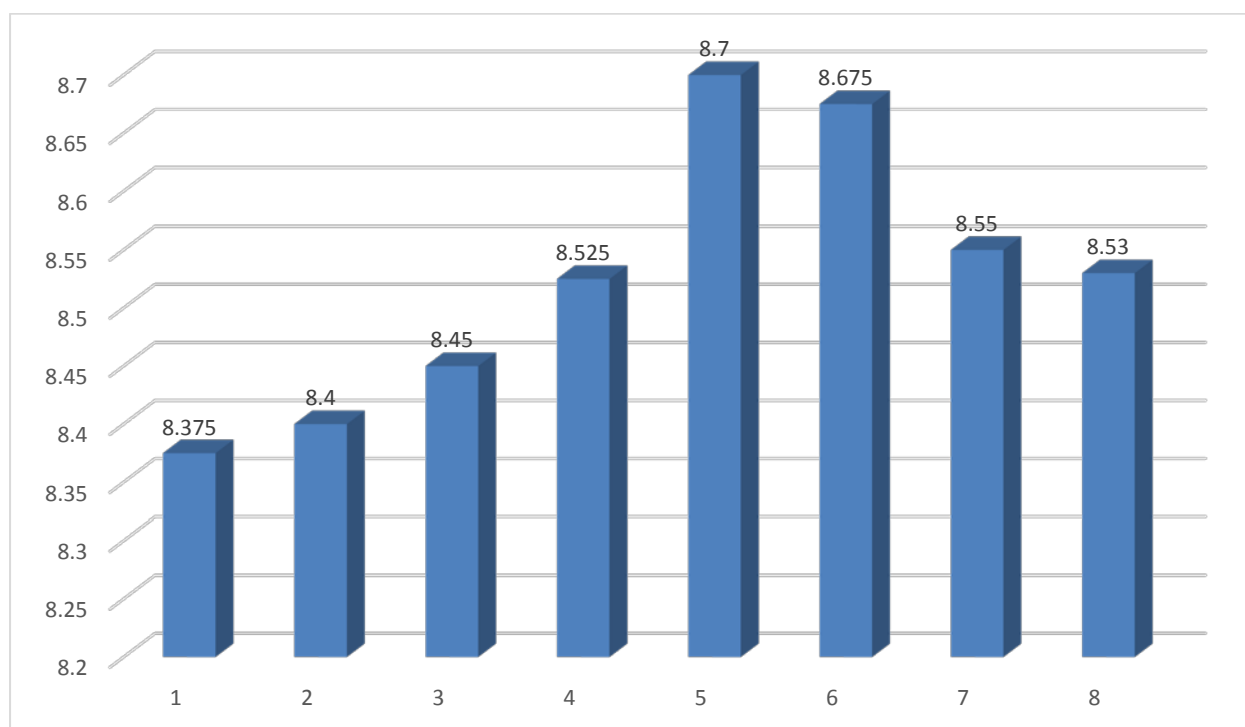
Students' Satisfaction Analysis
(July 2016 – June 2017)



X- Axis Label	Details About X-axis Label	Y-axis Score Obtained
1	Teaching - Learning Process	7.775
2	Conduct of Examination	7.85
3	Library Facilities	7.85
4	Extra-curricular activities	7.5
5	Sports Facilities	6.85
6	Security Services	7.85
7	Grievance Redressal	6.87
8	Drinking water and Washroom facility*	5.8
	Overall Average	7.3

* Alleviation measures underway.

Feedback Analysis
(July 2016 – June 2017)



X- Axis Label	Details About X-axis Label	Y-axis Score Obtained
1	The teacher's effectiveness in teaching the subject	8.37
2	Clarity of teacher's Voice and Communication Skills	8.40
3	Teachers use of examples and illustration	8.45
4	Readiness to extra help when needed	8.52
5	Punctuality of Teacher	8.70
6	Level of discipline maintain in the class	8.67
7	Interaction with students	8.55
	Overall Average	8.53

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
59	36	21	01 (Principal)	01 (Librarian)

2.2 No. of permanent faculty with Ph.D.

32

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V							R	V
---	11*	-	-	-	-	-	-	---	11

* 06 faculty members are appointed on ad-hoc basis

2.4 No. of Guest and Visiting faculty and Temporary faculty:

Regular Faculty (unaided): 27

Temporary faculty: 03

Visiting Faculty: 111 + 02*

Sr. No.	Name of the course	No. of visiting faculties
1	B.Com [(A&F) (B&I, FM)], BMS	22
2	BMM	10
3	B. Sc.(Comp. Sci., IT)	06
4	B. Sc.(Mathematics)	04
5	M. Com	02
6	M.A.	16
7	M.Com (E-Commerce)	09
8.	B.Sc. (Biotechnology) M.Sc. (Bioanalytical Sciences Biotechnology Environmental Studies)	27
9.	M.Sc. (Computer Science)	05
10.	M.Sc. (Information Technology)	10
	Total	111+ 02*

* 01 faculty from Clayton State University, USA and 01 from University of West Georgia, USA

All the departments organise lectures by eminent experts from various institutes and industries in their respective subjects

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2.5 Faculty participation in Conferences and Symposia:

No. of Faculty	International level	National level	State level
Attended Seminars / Workshops	01	09	----
Presented papers	22	26	01
Resource Persons	---	06 (Resource Persons in Refresher course in Life Science)	01

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- 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 equipments
- Manuals prepared by students
- Specially designed skill experiments in Physics
- Involvement of students in small Research Projects and Research Project Presentation
- Visits to research Institutes and Industries
- Resource Material developed in Bioinformatics, Chromatography, Microtome and Plant Tissue Culture.
- Lecture series by Academicians, Eminent Scientists and Industry Personnel.
- Development of E-learning resource

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination / Evaluation Reforms initiated by the Institution (i.e. Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- The College has Credit Based Grading Semester System and Semester III - IV examinations at undergraduate level are conducted by College as per the University Guidelines.
- Semester I, II, V-VI examinations at Undergraduate Level and Semester I-IV examinations at Post Graduate Level are conducted on behalf of University of Mumbai.
- University answer books are having Bar coding
- Online Screen Marking (OSM) has been introduced by University of Mumbai for all UG and PG examination conducted by University.
- Moderation and Revaluation of answer books is possible.
- Photocopy of answer books are provided to students on demand.

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2.9 No. of faculty members involved in Curriculum Restructuring / Revision / Syllabus Development as member of Board of Study / Faculty / Curriculum Development workshop

• Member of BoS	- 03
• Syllabus Development	- 05
• Syllabus Framing Committee	- 07
• Curriculum revision workshop attended	- 06

2.10 Average percentage of attendance of students 75%

2.11 Course / Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Grade wise analysis					
		O (%)	A (%)	B (%)	C (%)	D (%)	Pass (%)
T.Y.B.A.	223	3 (1.35)	41 (18.38)	67 (30.04)	53 (23.77)	21 (9.42)	185 (82.96)
T.Y. B.Sc.	303	41 (13.53)	135 (44.55)	47 (15.51)	12 (3.96)	04 (1.32)	239 (78.88)
T.Y.B.Com.	551	21 (3.81)	234 (42.47)	136 (24.68)	79 (14.33)	71 (12.88)	541 (98.19)
T.Y. B.Sc. (IT)	115	22 (19.1)	44 (38.3)	20 (17.4)	15 (13.0)	02 (1.7)	103 (89.67)
T.Y.B.Com (B&I)	60	13 (21.67)	27 (45.00)	08 (13.33)	04 (6.67)	03 (5.0)	55 (91.67)
T.Y. B.Com (A&F)	70	30 (42.86)	26 (37.14)	05 (7.14)	04 (5.71)	-	65 (92.86)
T.Y.BMS	117	15 (13.16)	45 (39.47)	22 (19.30)	12 (10.53)	03 (2.56)	97 (82.91)
T.Y.BMM	54	-	07 (13.73)	14 (27.46)	10 (19.61)	04 (7.85)	35 (68.63)
M.A.	112	05 (4.46)	56 (50.00)	31 (27.68)	05 (1.79)	06 (5.36)	103 (91.96)
M.Com.	41	02 (4.88)	15 (36.59)	13 (31.71)	04 (9.76)	05 (12.18)	39 (95.12)
M.Com. (E-Comm)	20	-	05 (25.0)	06 (30.0)	06 (30.0)	-	17 (85.0)
M.Sc.	181	04 (2.21)	91 (50.28)	48 (26.52)	09 (4.97)	03 (1.66)	155 (85.64)

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Academic calendar is maintained by faculty members.
- The record of daily attendance, syllabus completion is monitored by HoDs and Vice Principals (faculty wise).
- Students Feedback and Satisfaction forms are collected by respective academic departments
- API forms are being filled in by all the faculty members.
- IQAC reviews academic activities of the departments periodically.

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2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	09
UGC – Faculty Improvement Programme	01
HRD Programmes	57
Orientation Programmes	04
Faculty Exchange Programme	03
Staff training conducted by the university	04
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	06

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	126*	37 Vacant	Nil	Nil
Technical Staff	01**	--	--	--

* Regular administrative Staff (unaided) - 32

** Regular Technical Staff (unaided) - 01

** Technical Staff (Contractual basis) - 02

Facility Management Staff (Outsourced) - 25

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Faculty members are motivated to submit research proposal to various funding agencies, present / publish research papers in conferences / journals. Necessary help and guidance is provided to the faculty members.

Various eminent researchers were invited to deliver scholarly talks

- **Padma Bushan Prof. S. M. Chitre** was invited as Chief Guest for one day seminar held on 2nd July, 2016. He delivered a special lecture on *Recent Trends in “Spectroscopic and Microscopic Techniques”* **Padmashree Dr. R. V. Hosur**, Centre for excellence in Basic Sciences, University of Mumbai delivered a special lecture on ‘*Areas of Nuclear Magnetic Resonance and Molecular Biophysics*’ (Sponsored by DBT).
- **Prof. Mandar Bhanushe**, Department of Mathematics, IDOL, University of Mumbai was invited as a resource person for a workshop on ‘*Moodle*’ organized by IQAC on 29th - 30th July, 2016 to help the faculty members to improve teaching - learning and evaluation skills.
- **Dr. A.D Sawant**, Former Pro Vice Chancellor, University of Mumbai was invited as chief guest for World Ozone Day celebration held on 15th - 16th September 2016. He delivered a special lecture on ‘*Protection of Ozone Layer*’.
- **Prof. Ganesh Munnarcode**, Meghnad Desai Academy; Mumbai delivered a special lecture on ‘*Does more education imply higher earnings?*’ on 22nd September, 2016. He explained with an econometric model how an additional year of studying would increase the probability of employment opportunities.
- **Dr. Sanjay Shinde**, IPS, Dy. Commissioner of Police was invited as a guest speaker for One Day Seminar on ‘*Cyber Security & Cyber Crime Investigation*’ on 6th October, 2016.
- **Dr. Dulal Panda**, IIT Bombay delivered a special lecture on ‘*Nanotechnology for human health*’ on 3rd Dec, 2016.
- **Prof. Sudhir Ghorpade**, Department of Mathematics, IIT Bombay was invited to deliver a special lecture on ‘*Algebra and Some of Its Spectacular Applications*’ on Saturday, 3rd December, 2016.
- Special Guest lecture series under the DBT Star College Scheme on 3rd - 4th December, 2016
Dr. Pradeep Kumar Sharma, (MD, Pathology) Retd. Director, Railway Hospital, Byculla, delivered a Lecture on ‘*Abnormalities in Peripheral Blood Smears*’.
Dr. Savita Kulkarni, Scientific Officer, B.A.R.C., Mumbai delivered a Lecture on ‘*Recent Advances in Diagnosis of Tuberculosis*’.
Prof. Prashant Phale, Head, Department of Biosciences and Bioengineering, IIT, Mumbai delivered a Lecture on ‘*Aromatic Pollutants and their degradation*’.
Dr. Anil Heroor, Onco- Surgeon, Fortis Hospital, Mumbai, delivered a Lecture on ‘*Causes and treatment of breast Cancer*’.
- **Prof. Beheruz Sethna**, President Emeritus and Regents' Professor of Business, University of West Georgia, Carrollton, USA was invited as a chief guest for an intercollegiate economics festival ‘*Money Matters*’ held on 13th December, 2016.

- **Dr. Rajendra Singh**, The Water Man of India, Ramon Magsaysay award winner, was invited to deliver a special Lecture on '*Conservation of Water*' on 14th December, 2016.
 - **Padma Shri Prof. Anil Kumar Gupta**, IIM. Ahmedabad, Executive Vice Chair, National Innovation Foundation, was invited as a chief guest for the inaugural function of Pravah – 2016, an intercollegiate science festival organised under DBT Star College Scheme. He inaugurated Science Exhibition on '*Invention and Innovation in Science and Technology (IIST-2016)*' on 15th December, 2016. His special talk titled '*Grass root innovations*' enlightened the students and faculty members about inventions and innovations.
 - **Mr. Jayraj Salgaonkar**, Co-founder & MD, Kalnirnay, was invited as guest speaker for University Oration Series lecture on 10th January, 2017 to commemorate the completion of 160 years of the University. He spoke on '*Arthshaksharta*'.
 - **Dr. Susan Hornbuckle**, Associate Professor, Department of Chemistry, Clayton State University, USA conducted a series of lectures on Spectroscopic techniques, Stereospecificity in organic molecules, etc. for the students during her Faculty exchange visit to Birla College, from 2nd to 14th January, 2017.
 - **Dr. Pranab Purkayastha**, Chief General Manager, I.R. Technology, PVT. LTD Mumbai, delivered a special talk on '*Basics and application of powder XRD*' on 19th January, 2017.
 - **Dr. John Upson**, West Georgia University, Atlanta USA visited Birla College and interacted with Faculty Members and students. **Dr. Harmen S. Jr.**, delivered a lecture on 'Resting minds to maximize performance' for UG and PG students on 20th March, 2017.
 - **Shri Arun Kamal**, Professor, University of Patana, Sahitya Academi awardee, A renowned poet and writer of Hindi literature was invited as Chief guest for two days national conference, 'Manvata ke Pairokar: Trilochan aur Muktibodh' organised by Hindi department on 24th and 25th March, 2017.
 - **Prof. Vilas G. Gaikar**, Vice Chancellor, Dr. Babasaheb Ambedkar Technological University Lonere, Raigad, inaugurated One Day National Seminar on 'Recent Trends in Bio-nanosciences' (RTBN-2017) organized under the 'DBT Star College scheme' and 'Innovative Programme' of UGC and also delivered the key note address on '*Applications of Nanobiosciences*' on 29th March 2017.
- Prof. Jayesh Bellare**, Department of Metallurgical Engineering & Materials Science, IIT-Bombay, Powai. He delivered a lecture on '*Amazing Nanotechnology: Its applications in health care and more*'.
- Dr. A.K. Shrivastava**, In charge Director, NCNNUM, University of Mumbai, delivered a lecture on '*Development of electrochemical sensors for biomolecules based on nanocomposite materials*'.
- Dr. Jayshree Ramkumar**, Scientist, Chemistry Division, Bhabha Atomic Research Centre, Mumbai, delivered a lecture on '*Analytical Characterisation studies: Nanosciences and Bio-nanosciences*'.
- Dr. Santanu Karan**, DST-Ramanujan Fellow, RO Membrane Division, CSIR-Central Salt and Marine Chemicals Research, Institute, Bhavnagar, Gujarat, delivered a lecture on '*Polymer nanofilms with ultrafast liquid transport for molecular separation*'.
- Dr. Debadatta Ratna**, Scientist, NMRL, Ambarnath delivered a lecture on '*Recent advances and applications of Nanomaterials*'.
- Dr. L.N. Singh**, Head, Department of Physics, BATU, Lonere was a Guest of Honour for the Valedictory Function

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- One Day National Seminar on 'Lakshya 2017': '25 Years of Liberalization, Privatization and Globalization' (30th April, 2017).

Mr. Sudershan Sen, Executive Director, Reserve Bank of India was invited as Chief Guest for the Inaugural Function. He shared his thoughts about LPG and Monetary Policy of RBI.

Dr. Neeraj Hatekar, Director and Professor, Mumbai School of Economics and Public Policy delivered the Key Note Address. He gave an overview of the LPG and Indian Economy its objectives, areas of investment as well as the successes and failures.

Dr. Steephon D'Silva, Professor, JBIMS, Mumbai has presented his thoughts on how Indian Marketing sector affected by LPG.

Mr. Anuj Bhargav, President, Management Consultants of India has expressed his views on, 'Impact of LPG on Indian Economy'.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	--
Outlay in Rs. Lakhs	--	--	--	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	--	--	--
Outlay in Rs. Lakhs	3.8	--	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	28	09	--
Non-Peer Review Journals	20	19	--
E-Journals	01	01	--
Conference proceedings	16	07	--

3.5 Details on Impact factor of publications:

Range Average

h-index

Dr. Naresh Chandra	- 10
Dr. Geetha Unnikrishnan	- 02
Dr. M. A. Thakurdesai	- 06
Dr. M. M. Khandpekar	- 06
Dr. Avinash Patil	- 07
Dr. Sandesh Jaybhaye	- 02
Dr. Vilas R. Khairnar	- 02

Nos. In SCOPUS

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3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in Lakhs)	Received (in Lakhs)
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	Century Rayon, Shahad**	-	-
Projects sponsored by the University/ College	01	University of Mumbai	3.8	3.8
Students research projects (other than compulsory by the University)	01	DBT Sponsored Projects *	2.5	2.5
Any other(Specify)				

* Under the DBT- Star College Scheme, under graduate students complete the research projects.

** Applied

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme / funds

3.9 For colleges Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

* Informal consultancy provided with returns in kind.

3.11 No. of conferences organized by the Institution

Level	Department and the number of conferences		Sponsoring Agencies
International	-	-	-
National	Hindi	02	I) UGC, II) Sahitya Academy Delhi and Century Rayon, Shahad
	Chemistry	01	'DBT Star College scheme' and 'Innovative Programme' of UGC
	IQAC	01	NAAC, Bangalore
	Economics	01	Century Rayon, Shahad.
State	-	-	-
University	-	-	-
College	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any others

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University / College

Total

* For students research project from DBT Star College funding

** Grant utilised by student to do project work from Inspired Fellowship

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	03
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards / recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
10	01	06	-	01 (Ph.D.)	-	02

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

*Total number of students registered for the year 2016-17

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS: University level State level

National level International level

3.24 No. of Awards won in NCC: University level State level

National level International level

3.25 No. of Extension activities organized

University forum	-	College forum	25
NCC	08	NSS	10
Any other: DLLE / WDC / WSC / GSC			15

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

1. **World Environment Day** was celebrated on 5th June, 2016. Students of Birla College, faculty members and various eminent personalities from the Kalyan City participated in tree plantation and followed by *Cycle Rally* to create awareness on importance of clean and safe environment.
2. **International Yoga Day** was celebrated on 21st June, 2016 at the College with active participation of staff and students to bring home the message that ' *a healthy mind resides in a healthy body*'.
3. **Save Electricity Campaign** was organized on 27th June, 2016. The Basics of electricity, Units of Electricity, Power consumption, etc were discussed in the training. A skit was also performed by a team of 12 students.
4. **Workshop on Revised Syllabus for F.Y.B.A. Geography Paper – I: Dr. Ambadas Jadhav**, Chairman, BoS, was the chief guest for a Workshop on Revised Syllabus for F.Y.B.A. Geography Paper – I on Friday, the 15th July, 2016. 45 Faculty members from various Colleges attended the workshop.
5. **Ashadi Ekdashi Wari: Vriksha Dindi and Peace March** was organised by Century Rayon, Shahad, Birla College and Birla School on 15th July, 2016. More than 2000 Students participated enthusiastically in this event.
6. **Workshop on Innovation and Entrepreneurship** was organized on 27th July, 2016 to motivate the NSS volunteers for Self Employment. Ms. Swar Kranti, Womens development and welfare association motivated the students towards self employment. 113 NSS volunteers attended the workshop.
7. **Vruksha Dindi** was organized on Sunday, 31st July, 2016 in collaboration with NSS and NCC units of Birla College, Friends of the Trees, Kalyan Branch, KDMC, Samajik Vanikaran Vibhag, Thane. More than 1500 students (including 340 NCC cadets, 5 ANO's) participated in the Dindi.
8. **Swatchta Abhiyan** was carried out in association with KDMC on 13th August, 2016 and the college campus was cleaned by the volunteers. All the Volunteers took an oath of maintaining Cleanliness.
9. **Pre Independence Day Celebration:** On 13th August, 2016 class wise performances were conducted to celebrate the pre Independence Day. Students from Arts Circle presented a cultural show with the theme - **Azadi 70 'Yad Karo Kurban'**. **Candle March** was organized on 14th August, 2016 to pay homage to the soldiers of India at different places of the city like Shivaji Chowk, Mahatma Phule Chowk, Khadak pada Chowk, Gandhi Chowk, etc. The candles were lit to pay Homage to the Soldiers of India.

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10. **Heritage Walk:** This year India Celebrated 70 years of Independence. As per the guide lines of HRD Ministry, 'Azadi 70' was celebrated for one week from 16th August, 2016 to 22nd August, 2016. On this occasion Birla College NCC Girls participated in 'Heritage Walk' where the cadets walked from Birla College to Subhedar Wada and further to Durgadi Fort to mark their celebration giving respect to the heritage of Ancient City, Kalyan. 40 NCC Army Girls participated in this walk with their ANO. Azadi Daud was also organized on 15th August 2016 in which 360 NCC cadets and nearly 500 other students participated.
11. **Cleanliness drive:** NSS Unit has adopted Slum areas around the College. On 22nd August, 2016, volunteers from the NSS unit conducted surveys and created awareness among slum dwellers on various social – economic issues. The cleanliness drive was carried out during 8th to 13th August, 2016. They also conducted Literacy Program every Saturday for the Slum-dwellers. NSS Volunteers have designed some games to achieve Mathematical ability amongst the kids of Slum-dwellers.
12. **Open Day:** Birla College Science Open Day was organized on 27th August, 2016, by students, for the school students in the KDMC region. It was attended by 243 school children and 20 school teachers from 20 schools. During the open day demonstration of various science experiments based on the curriculum of IX and X standard syllabus.
13. **Nirmalya Collection** during Ganesh Festival is an important activity of NSS volunteers. This program was organized in association with KDMC. Twenty students were trained by KDMC and they actively participated in this drive on 6th, 9th, 11th and 15th September, 2016.
14. **Pulse Polio Immunization training and Survey of Leprosy patients** was conducted on 18th September, 2016 in association with KDMC. 20 volunteers were actively involved in this training.
15. **Voter's awareness campaign** was organised on 18th September, 2016 in association with Election department by the students. The Voter list was prepared and submitted to Election Commission.
16. **Peace-March:** To commemorate the birth anniversary of the great leader of our nation- "Mahatma Gandhi" a 'Peace-March' was organized by NCC Naval wing in association with The Gandhian Studies Centre on 2nd October, 2016. 270 NCC cadets, 5 ANO's and more than 750 students participated in Peace March.
17. **'Vaachan Prerna Din' / 'Reading Inspiration Day':** To mark the birth anniversary of late former President APJ Abdul Kalam, 'Vaachan Prerna Diwas' or 'Reading Day' was organized on 15th October, 2016 to develop an interest for reading amongst the students by exhibition of books and by gifting a book to 26 students and 1 staff who had their birthday on 15th October, 2016 with an aim to spread the message: 'No Bouquet only Books'.
18. **Blood donation camp** was conducted on 22nd October, 2016 at Birla College. 62 cadets of NCC, NSS volunteers and several students donated 300 cc of Blood each.
19. **Public meeting on 'Demonetization':** On 7th November, 2016 public meeting on 'Demonetization' was organized in association with Kalyan-Dombivali branch, WIRC of ICAI to create awareness among people about the recent issues related to demonetization on 16th November, 2016.

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20. **Pravah:** Among the science activities, 'Pravah- an intercollegiate science festival' was organised on 15th - 16th December, 2016. During this festival faculty members and students were actively involved in various intercollegiate science based competitions and events. 'Invention and Innovation in Science and Technology (IIST-2016)' was the theme of science exhibition organized by department of Chemistry on 15th December, 2016. 68 exhibits from various schools and colleges were showcased. The annual event 'Sukshmavakash' was organized by Microbiology department to motivate microbiology students to create innovative models, working models, concept models to propagate Science Knowledge.
21. **NSS Residential Camp** was held from 24th to 30th December, 2016 at Bhawale Village. Health Check up Camp was also organized during this camp. Around 78 villagers and 25 volunteers benefited by this camp.
22. **NCC Day:** To demonstrate the different activities of NCC to the Society and other students of College, Birla College NCC Units celebrated 'NCC Day' on 16th February, 2017 at Birla College Parade Ground. Maj Gen. D. S. Gill, Additional Director General, NCC Directorate Maharashtra was Chief Guest for this Programme. He took Salute from Ceremonial Guard Comprising of 4 wings of NCC.
23. **Degree Distribution Ceremony:** Tuesday, the 28th February, 2017 will be carved in golden letters in the history of Birla College, Kalyan. The day will be cherished for a life time as our esteemed patron **Smt. Neerja ji Birla**, Founder and Chairperson of Mpower, Chairperson of The Aditya Birla World Academy and The Aditya Birla Integrated School, graced the Degree Distribution Ceremony held at Birla College, Kalyan. **Smt. Neerja ji Birla** appreciated the achievement of the students. She also cited examples from her own life and explained the importance of 5 Cs i.e. Curiosity, Courage, Confidence, Consistency and Commitment in every individual's life.
24. **National Seminar on 4th Cycle of Accreditation Process:** **Shri B. S. Ponnudiraj**, Deputy Adviser, NAAC, Bangalore was invited as chief guest for NAAC sponsored National Seminar on '4th Cycle of Accreditation Process' held on 27th March, 2017. **Dr. (Mrs.) M. K. Pejaver**, Principal, VPM's B.N. Bhandodkar College of science, Thane. **Dr. Baptist Agnel Menezes**, Principal, St. Xavier College Mumbai, **Ms. Kavita Jajoo**, R. A. Podar College of Commerce & Economics, Mumbai, **Dr. M. R. Kurup**, Former Principal, Vaze-Kelkar College, Mulund, Mumbai, addressed the delegates and highlighted on Preparation for 4th cycle of Accreditation process by NAAC. **Dr. Vijay Joshi**, Principal, K. J. Somaiya College, Vidyavihar, Mumbai, **Dr. Kiran Mangaonkar**, Principal, Gurunanak Khalsa College, Matunga, Mumbai, shared their views regarding the 4th Cycle of Accreditation and how the colleges can improve their CGPA. **Dr. Anil Patil**, Director, BCUD, chief guest for the valedictory function, expressed the need for improving quality in higher education and the need for NAAC accreditation.
25. **Kalyan - Dombivli a Smart City:** A Panel Discussion was arranged on 18th March, 2017 to encourage the involvement of the students and citizens of Kalyan-Dombivli area for making Kalyan - Dombivli a smart city jointly with KDMC. Shri UPS Madan, IAS, Commissioner, MMRDA, Eminent experts and government officials were invited to express their view

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created / Additions	Sources of Funds	Total
Campus area	80937.10 sq.m.	–	Government Aid+ Management	80937.10 sq. m.
Class rooms	46 Class rooms	2 Smart Class Rooms 4 Class Rooms under construction* * II floor, IT Building approximately 2400 sq. ft.	Government Aid+ Management	2630 sq. m.
Laboratories	19 Labs 1940.41 sq. m.	-	Government Aid+ Management	19 Labs 1940.41 sq. m.
Seminar Halls	2 Seminar Halls 266.10 sq. m.	-	Government Aid+ Management	266.10 sq. m
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	66 Nos.	1 Nos. Annexure-1	UGC Schemes + Management	67 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs.143.68	Rs. 2.21 Lakhs Annexure I	UGC Schemes + Management	Rs. 145.89
Others (Rs. In Lakhs)	Rs. 65.77	Rs. 42.12 Lakhs Annexure II	UGC Schemes + Management	Rs. 107.89

4.2 Computerization of administration and library

<ol style="list-style-type: none">1. RFID system for students attendance (1200 RFID Cards issued in 2016 – 17)2. Staff attendance by Bio-metric machines. 4 machines purchased during 2016 -17.3. The library software has been upgraded to web based version for web based access to library resources.4. As compared to last year enhanced computerization has been done making office and library almost computerized.
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4.3 Library services:

(Degree College + Junior College)	Existing		Newly added 2016-17		Total	
	No.	Value	No.	Value	No.	Value
Text Books	19,443	3,00,4090.00	703	85,680.00	20,146	30,89,770.00
Reference Books	57,359	1,75,74,260.00	521	5,17,968.00	57,880	1,80,92,228.00
Total Books	76,802	2,05,78,350.00	1224	6,03,648.00	78,026	2,11,81,998.00
e-Books	-	-	-	-	-	-
Journals	-	-	83	1,86,549.00	83	1,86,549.00
Newspapers	-	-	27	51,658	27	51,658
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	593	2,45,272.000	-	-	593	2,45,272.000
Others (specify)	-	-	-	-	-	-
E-Book Readers	15	2,40,000.00	-	-	15	2,40,000.00
Software & tools for visually challenged users	1	1,49,425.00	-	-	-	-

4.4 Technology up gradation (overall) (In Nos.)

	Total Computers	Computers in Labs	Internet facility in computers	Browsing Centres	Computer Centres	Computers in Office	Computers in Departments	Computers at others places
Existing	349	217	200*	12	-	35	81	04
Added	60	27	10	-	-	-	33	-
Total	409	244	210	12	-	35	114	04

* Included in total computers 409

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

1. In 2016- 17, 60 additional Computers purchased enabling more teachers and students to access computers at different places.
2. In 2016-17, Campus is made Wi fi enabled. As compared to last year Wi fi coverage has increased in library and class rooms.
3. E-books readers and E- Journals are used by lecturers and students.
4. HOD's have separate computers.
5. Lecturers use ICT enabled teaching methods whenever required. Additional three smart boards are used for lecture purposes.
6. Seminars and workshops are arranged for students on Networking, e-governance, cyber security, AI, etc. It has benefited more than 200 students of Computer Science and IT Departments.

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4.6 Amount spent on maintenance in **lakhs (Rs.)**:

i) ICT	4.85
ii) Campus Infrastructure and facilities	11.86
iii) Equipments	4.41
iv) Others	9.18
Total:	30.3

Annexure - I
List of Machines/ Equipments procured during 2016-17

Sr. No.	Particulars	Qty	Amount (Rs.)
	<u>Sports Equipment</u>		
1	Treadmill	1	221,325.00
			221,325.00

Annexure - II
List of Other Infrastructure Expenditure incurred during 2016-17

Sr. No.	Particulars	Amount (Rs.)
	<u>Biometric</u>	
1	RFID hand held reader & Charger	246,863.00
2	Biometric - 4 Device	91,935.00
	<u>CCTV</u>	
3	CCTV - 1	68,100.00
	<u>Furniture & Office equipment</u>	
4	Philips Mixer Grinder - Botany	3,499.00
5	Note counting Machine	15,975.00
6	Onida AC - Server room	32,328.00
7	Onida AC - Library	32,328.00
8	Teakwood table - Physics	16,000.00
9	Teakwood Frame, Rack & Letter box	54,100.00
10	Plastic Chair	186,140.00
	<u>Laboratory Equipment</u>	
11	Microscope - Biology	30,452.00
12	Connection of equipment -Jasco (Physics)	1,620.00
13	Digital Colorimeter - Zoology	26,377.00
14	Digital PH meter - Zoology	6,123.00
15	Sound level meter - Zoology	2,826.00
16	Multiparameter - Zoology	22,893.00
17	Sonicator - Microbiology	24,062.00

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18	Digital Colorimeter - Botany	18,464.00
19	Digital Storage Oscilloscope - Physics	81,985.00
20	REPL demonstration Kit, PCR Kit & Transformation Kit	24,691.00
	<u>Sports Equipment</u>	
21	Magnetic Bykes	124,850.00
21	Exercise racing bike	
21	AB king Pro	
21	Magnetic Bykes	
21	Elliptical	
	<u>Public Address System</u>	
22	Amplifier, Speaker, Studiomaster & Cabiling of speaker	123,890.00
23	<u>Napkin wending machine</u>	10,238.00
	<u>Computers in IT Building</u>	
24	Lenovo computers- 25 & Scanner B Sc IT Lab	1,206,020.00
25	Laptop	55,388.00
	<u>Furniture & Office equipment in IT Building</u>	
26	Microwave Oven	4,500.00
27	Projector B Sc IT Lab	39,157.00
28	Wireless Interactive system B Sc IT Lab	47,250.00
	<u>Community College</u>	
29	EPSON Printer	2,000.00
	<u>College of Excellence</u>	
30	3 PC's Botany, Physics & Chemistry	103,350.00
	<u>IQAC</u>	
31	Computer & Printer	63,600.00
32	Projector - 1	40,500.00
	<u>Gymkhana</u>	
33	Office table	15,000.00
34	Rack	19,950.00
35	Revolving Chair	10,388.00
	<u>Inverter</u>	
36	Stabilizer - Microbiology	13,620.00

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	<u>Computers in IT Building</u>	
37	Networking of B Sc IT Lab	75,072.00
	<u>Internet – IT Building</u>	
38	9 U Rack & Casing capping B Sc IT Lab	13,781.00
	<u>Student welfare fund</u>	
39	Furniture - 100 Ornate chair	2,67,860.00
40	Furniture - 32 Writing pad chair	89,783.00
41	Godrej Optimizer unit (Furniture - 2 bay push pull type)	2,21,853.00
42	Books	6,76,930.00
	Total Rs.	4211741.00

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Internal Quality Assurance Cell (IQAC) organized an Orientation Programme for the First Year Undergraduate students from 8th - 16th July, 2016. The programme was aimed at facilitating the smooth transition of students from Junior College to Undergraduate studies. Students were made aware about various events conducted in the College through notices, TV display, college website, magazine and profile of the college.
- Quality Circles of each academic department focuses primarily on enhancing attendance of the students. To improve the attendance of the students various efforts like conducting meeting with the parents, counselling of the students and regular monitoring carried out periodically.
- To develop and enhanced the creativity of the students, IQAC has organised a Scientific Rangoli Competition on 19th July, 2016. This helped the students to learn the subjects in a unique way. Students are also encouraged to undertake research projects. Feedback from students at regular intervals regarding teaching and infrastructure facilities available is carried out.
- Academic prize distribution function was organized to felicitate the rankers of F.Y and S.Y of all streams at the hands of Smt. Santosh ji Chitlange, President, Cenray Mahila Pragati, Shahad and Shri O. R. Chitlange, Business Head, Century Rayon, Managing Director, Century Enka Ltd. and Chairman, Birla College Governing Council. 80 students received certificates and cash prizes. Endowment prizes were also given to the students.
- Degree Distribution Ceremony was organized by College to felicitate graduates and post graduates similar to University level convocation ceremony. Smt. Neerja ji Birla, Founder and Chairperson of Mpower, Chairperson of The Aditya Birla World Academy and The Aditya Birla Integrated School was the Chief Guest. She appreciated the achievements of the students and encouraged them to become responsible citizens.

5.2 Efforts made by the institution for tracking the progression

- Various activities were conducted for personality development and career development of students. Confidence building workshops and seminar on Success in examination were conducted for students.
- College conducted a session on NET examination – New guidelines and scope of the NET examination for career building. This activity is very much appreciated by the students, as it is inspiring them for their career in higher education.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Total
5264	864	07	6135

(b) No. of students outside the state

27

(c) No. of international students

-

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Men	No	%	Women	No	%
	2182	35.57		3953	64.43

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total (Aided + Unaided)
3272	709	321	1378	04	5684	3060	862	502	1711	-	6135

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- UGC sponsored Centre for entry into Services for SC / ST / OBC provides training to the students for Civil Services Examination by organizing lectures in various subjects. Guidance sessions on UPSC, MPSC, Banking, Insurance, Staff Selection Commission and Railway Recruitment, etc. were organized for 80 Students in the college.
- The UGC sponsored NET / SET Coaching Scheme for SC / ST provides guidance to the interested post graduate students. All PG departments (Botany, Chemistry, Physics, Microbiology, Zoology and Hindi) conducted a lecture series for PG students by inviting the subject experts from reputed institutes. Around 127 Students were provided Information about the syllabus and sample question papers in the respective subjects was provided to the students.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET / SLET GATE CAT

IAS / IPS / IRS etc State PSC UPSC Others

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5.6 Details of student counselling and career guidance

Following activities were conducted by the Counselling cell -

- Orientation to 1400 students of first year was done by IQAC to explain the importance of 5C's i.e. Career, Communication Skills, Confidence Building, Computer Literacy and Continuous efforts.
- A series of confidence building workshops were organized in November and December, 2016 for FY students from all streams. 97 students participated in it.
- 149 students participated in Pre Marriage Counselling workshops conducted on 3rd February, 2017. Dr. (Mrs.) Varsha Phadke conducted workshop on '*Know your body*' for girls and boys students. Mrs. Prachi Apte conducted session on maintaining healthy relationships.
- 107 students participated in 'Success in Examinations' session conducted by Ms. Sheetal Chitre on 27th January, 2017 for FYBA Students and by Mrs. Prachi Apte on 15th March, 2017 for TYBA Students.
- Body Mass Index (BMI) was analysed for 983 Students and dietary changes were recommended.

No. of students benefitted 2736

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
09	405	591	320

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5.8 Details of gender sensitization programmes

- As more than 60% of the students are girls, Birla College takes special security measures such as 24-hour Security Surveillance via CCTV Cameras.
- UGC Sponsored Women's Studies Centre conducted a Certificate Course of 3 credit equivalent on gender issues.
- Special programmes conducted on Gender Sensitization are
 - Pre Marriage Counselling workshops
 - Intercollegiate Essay, Poster and PPT Competitions with special emphasis on women's issues like Women Education, Female Foeticide and Infanticide, Domestic Violence, etc.
 - The 'Department of Life Long Learning and Extension' (DLLE) undertakes the Annapurna Yojana project, Industry orientation project, career project to develop entrepreneurial skills in girl students.
- Apart from this, Women Development Cell and UGC Sponsored Women Studies Centre conduct various other activities like Women Empowerment Programmes and Learn and Earn Scheme Based Programmes. WDC also organized workshops on Self-Defence, Creative Skills Development, Yoga and Dance and various Exhibitions. A Leadership Programme that includes social surveys on Breast Cancer, Save Our Earth, Child Labour, etc. is conducted to encourage leadership qualities in girls. WDC also organized Special Lectures on self-presentation, stress management, women's health issues. In order to encourage students' interest. The Cell organized a movie festival followed by debate and discussion on women's issues. College also has Grievance Redressal Cell which addresses any student problem that may arise. Every year Legal Awareness Camp is organized to create awareness about Women's and Children's Rights amongst the students and survey on women status.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State / University level National level International level
(Open tournament)

No. of students participated in cultural events

State / University level National level International level

5.9.2 No. of medals / awards won by students in Sports, Games and other events

Sports: State / University level National level International level

Cultural: State / University level National level International level

* 350 students participated in Youth Festival of University of Mumbai, Indian National Theatre, Lokankika and various Inter Collegiate competitions.

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5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	107	53180.00
Financial support from government	945	11408313.00
Financial support from other sources	-	-
Number of students who received International/ National recognitions	03 (INSPIRE) DST	1,80,000

5.11 Student organised / initiatives

Fairs : State / University level National level International level
 Exhibition: State / University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

There is a grievance committee which meet periodically. There are no major grievances of the students. Certain issues like poor attendance of some students are addressed by conducting parents' meeting. Remedial and intensive coaching are provided. General office and Library have taken initiatives to minimize the inconvenience caused to the students. Management encourages students for participating in various Inter Collegiate events. International relationships is very good. Counselling Cell provides help and support to students in stress management, time management as well as the ways to get rid off examination fear. Pre-marriage counselling for the girl students is organised every year.

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION STATEMENT

We aspire to be
a premier institution of higher education,
an inspiring Nodal Center,
catering to the diverse needs of
student-fraternity,
providing them state-of-the-art facilities and
a stimulating teaching-learning environment,
to groom them into socially responsible,
excellent human resource.

MISSION STATEMENT

To enable students to develop as
intellectually-alive,
socially-responsible citizens,
ever-ready for
continuous personal
and professional growth.

- The Vision and Mission statement emphasize on transforming the students into socially responsible citizens.
- The College is committed to provide a stimulating teaching- learning environment through excellent facilities to the students.
- The Vision, Mission and Objectives of the Institution aim at providing affordable quality education to a cross section of the society and catering to the diverse needs.
- The College has a tradition of organising 'Vriksha Dindi', 'Peace March', 'Blood Donation Camp' etc. as a part of its outreach activities. Students of nearby colleges and schools, NGOs, Govt. officials, etc. also participate in these activities.
- In Sports, students won 18 Gold Medals, 08 Silver Medals and 06 Bronze Medals in State and National level competitions. 04 students represented our Country in International Competitions in Squash and Taekwondo. Our boys and girls Yoga team stood First in the Inter Collegiate Yoga competition conducted by University of Mumbai and won all 12 Gold Medals.
- Activities organized by NCC, NSS and DLLE units of the College; UGC sponsored GSC, WSC and Counselling Centre, etc. help to sensitize the students to social problems and involve them in social outreach activities.
- 147 Students have scored 'O' Grade in their University examinations.
- In the University Youth Festival Zone – IV, four students won prizes.
- Birla College has started a Repository for the research papers and other work done by the faculty members
- Students won the overall championship at the 24th International Economics Convention organised by the Hyderabad Sind National Collegiate Board. They also won the Best Presentation and won 1st runner up for Best Research Paper.
- Vice Chancellor Banner for Best NCC Unit have been awarded to the College and 04 Cadets of NCC Army Girls Wing participated in the Republic Day Cultural programme at New Delhi.

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6.2 Does the Institution has a management Information System

Partially

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Contribution by Faculty members in Curriculum Development is as follows:

- Member of Board of Studies - 03
- Curriculum development - 05
- Curriculum framing Committee - 07
- Curriculum revision workshop organised - 01
- Curriculum revision workshop attended - 06

6.3.2 Teaching and Learning

1. Teaching-Learning methods like “Flip Classroom”, industrial and field visits and ICT enabled teaching methods are used to increase the level of understanding among students and develop keen interest towards the subject.
2. Extensive use of ICT : Use of Smart Classroom / Virtual Laboratory
3. 24 Guest lectures have been organised on various topics for Students.
4. Research exposure to the students in the form of small research projects. R-Con16 (1st Student Research Conference) was organised wherein 45 Research Papers have been presented by the students.
5. Manuals prepared by students / Specially designed Skill experiments
6. Resource Material developed in Bioinformatics, Chromatography, Microtomy, Plant Tissue Culture.
7. An Intercollegiate Science Festival- ‘PRAVAH – 2016’ was organised on 15th - 16th December, 2016 under DBT Star College Scheme, to create interest in the basic sciences and to develop an interdisciplinary approach. Academic, cultural and creative competitions were included in the Science Festival. The Chief Guest for the inaugural function was Padma Shri Prof. Anil Kumar Gupta, IIM, Ahmedabad and Exec. Vice Chair, National Innovation Foundation. In his address, he cited many examples of innovative ideas given by students from all over India. Competitions and Exhibitions were organised to develop scientific temperaments amongst the students.
8. **Lang-Lit** an Inter Collegiate linguistic and literary contest was conducted in conjunction with the UGC- Sponsored ‘Centre for Foreign Languages’ on 16-17 December 2016, to provide a forum to the English and Foreign language learners.
9. Many Co-curricular and Extra Curricular activities are organised like Virtual Banking, Time for Taxation, R-Con16 (Students Research Conference), PAN Card Drive, Panel Discussion on Smart City, etc.

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6.3.3 Examination and Evaluation

- The college has credit based grading semester system and semester III-IV examinations at undergraduate level are conducted by college as per the university guidelines.
- Semester I, II, V-VI examinations at undergraduate level and semester I-IV examinations at postgraduate level are conducted on behalf University of Mumbai.
- University answer books are having Bar coding
- Revaluation of answer books is possible.
- Photocopy of answer books are provided to students on demand.
- Online Screen Marking (OSM) has been introduced by University of Mumbai for semester - V and VI of UG and semester I to IV of PG. M. Sc. Computer Science Lab (20 Computers), M. Sc. Information Technology Lab (15 Computers) and Bifocal Computer Lab (30 Computers) are used for online assessment of university papers.

6.3.4 Research and Development

1. The College encourages faculty members to apply for Research Projects. 11 minor research project have been sanctioned by University of Mumbai and completed by the faculty members.
2. Faculty members published research papers in 36 National and 65 International Conferences and in reputed Peer Reviewed Journals.

6.3.5 Library, ICT and Physical Infrastructure / Instrumentation

- Library** –
1. The library software has been upgraded to web based version for web based access to library resources.
 2. As compared to last year enhanced computerization has been done making office and library almost computerized.
 3. This year 703 Text books, 521 Reference books have been purchased. 83 journals and 27 News Papers have been added.
- ICT** –
1. RFID system for students attendance (1200 RFID Cards issued).
 2. 37 additional Computers purchased enabling more teachers and students to access computers at different places.
 3. Campus is made Wi fi enabled partially. As compared to last year Wi fi coverage has increased in library and class rooms.
 4. E-books readers and E- Journals are used by lecturers and students.
 5. HOD's have separate computers.
 6. Lecturers use ICT enabled teaching methods whenever required. Additional three smart boards are used for lecture purposes.
 7. Seminars and workshops are arranged for students on Networking, e-governance, cyber security, AI, etc. It has benefited more than 200 students of Computer Science and IT Departments.
- Infrastructure** –
1. 2 Smart class rooms have been developed and 4 class rooms are under construction (approximately 2400 sq. ft.).
 2. 67 different equipments like Digital Storage Oscilloscope, Digital Colorimeter, Microscope, Multiparameter, Sonicator, etc. purchased for the smooth functioning of the laboratories (see annexure – I of Criteria - IV).
 3. As 60% of the student body comprises of girls, Birla College takes special security measures such as 24-hour Security Surveillance via CCTV Cameras.

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6.3.6 Human Resource Management

1. Faculty members who were due to attend Orientation Programmes, Refresher Courses or Short-term courses for Career Advancement were encouraged to attend the same.

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	09
UGC – Faculty Improvement Programme	01
HRD Programmes	57
Orientation Programmes	04
Faculty exchange Programme	03
Staff training conducted by the university	04
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	06

2. The faculty members due for placements under **CAS** were informed about the procedure and encouraged to submit the duly-filled forms on time. Nine faculty members submitted the duly filled forms for placements under CAS.
3. A **workshop on 'MOODLE'** was organized by IQAC as a Faculty Enrichment Programme on 29th to 30th July, 2016. The workshop was organized to help the faculty members to further improve their teaching- learning and evaluation skills. Mr. Mandar Bhanushe, Department of Mathematics, IDOL, University of Mumbai, was invited as a Resource Person. The faculty members learnt to create course content, to add files, folders, PPT, questionnaires, videos or pictures, etc. in the content.
4. Two workshops on '**Image Enhancement**' were organised by IQAC as a Faculty Enrichment Programme, on 20th and 27th August, 2016, for the teaching staff, at Century Rayon, Shahad. Ms. Greeshma Thampi was the resource person who shared her expertise and knowledge with regards to etiquettes including dining, dressing, etc.
5. A **training programme** was organised on the implementation of **ISO Standard 9001:2015** for the faculty members on 28th September, 2016, at Century Rayon, Shahad. Mr. M. C. Billimoria, Lead Auditor as the resource person, emphasised on the major changes in the standard and also guided the route to integrate the current standard with the new standard.
6. The expertise of faculty members is utilised by availing their services in the capacity of Director / Head / In-charge / Member of various Centre / Committees like Examination, Centre for Epigraphy, Faculty Enrichment Programmes, IQAC, DBT Star College Scheme, Centre for Foreign Languages, NCC, NSS, Women Development Cell, Gandhian Studies Centre, Dr. Ambedkar Studies Centre, Centre for Yoga, Philosophy and Practices, etc.

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6.3.7 Faculty and Staff recruitment

Four faculty members have been appointed on Ad-hoc basis.

6.3.8 Industry Interaction / Collaboration

1. Several Training Sessions on Group Discussion and Personal Interview are conducted by Industry Experts.
2. 483 students have been placed through Campus Interview in various companies like TCS, Infosys, E-Clerks, ICICI Bank, IFBI and WNS, etc.
3. 194 students have undergone the Internship programme in various companies.
4. Third year students of Bachelor of Management Studies, B. Com. (Banking & Insurance) and B. Com (Financial Management) prepare project report by collecting primary data from the industry.
5. We also arrange guest lectures of eminent personalities from industry (Please refer Criteria 3.1).
6. Few faculty members also undertake industrial project.

6.3.9 Admission of Students

1. Admission committees are constituted.
2. Admission schedule is provided by the University for most of the programmes and same is followed
3. Admissions are granted on merit basis as per Government / University rules. Reservation Policy (State Policy) is followed.

6.4 Welfare schemes for Students, Teaching and Non Teaching Staff

Students	<ol style="list-style-type: none"> 1. All the Government Scholarship and Freeship 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. 																			
Teaching and Non teaching staff	<p>The following additional welfare schemes have been initiated by the management from the current year:</p> <ol style="list-style-type: none"> 1. All those who have completed 25 years or more than 25 years of service are being felicitated at Birla College, on the Foundation Day with an Appreciation Certificate, Shawl, Shriphal and Rs. 5000/- as a gift. This Scheme will be continued. 2. Marriage Gifts for Self and Children's marriage (Up to Two Children) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No</th> <th style="width: 45%;">Particulars</th> <th style="width: 15%;">Up to 10 Years Service</th> <th style="width: 15%;">From 10 to 15 Years of Service</th> <th style="width: 20%;">Above 15 Years Service</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">i</td> <td>Teaching Staff, Registrar, Office Supdt.</td> <td style="text-align: center;">Rs. 6,000/-</td> <td style="text-align: center;">Rs. 8,000/-</td> <td style="text-align: center;">Rs. 10,000/-</td> </tr> <tr> <td style="text-align: center;">ii</td> <td>Other Non-teaching Staff- Sr. Clerk, Assistant, Attendant and Peon</td> <td style="text-align: center;">Rs. 4,000/-</td> <td style="text-align: center;">Rs. 5,000/-</td> <td style="text-align: center;">Rs.6,000/-</td> </tr> </tbody> </table>					Sr. No	Particulars	Up to 10 Years Service	From 10 to 15 Years of Service	Above 15 Years Service	i	Teaching Staff, Registrar, Office Supdt.	Rs. 6,000/-	Rs. 8,000/-	Rs. 10,000/-	ii	Other Non-teaching Staff- Sr. Clerk, Assistant, Attendant and Peon	Rs. 4,000/-	Rs. 5,000/-	Rs.6,000/-
Sr. No	Particulars	Up to 10 Years Service	From 10 to 15 Years of Service	Above 15 Years Service																
i	Teaching Staff, Registrar, Office Supdt.	Rs. 6,000/-	Rs. 8,000/-	Rs. 10,000/-																
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6.5 Total corpus fund generated
(All amounts are for 2016-17)

1. Birla College Employees Cooperative Credit Society	Rs. 1,06,73,230/-
2. Employee Benevolent Fund	Rs. 3,12,900/-
3. Higher Education Fund	Rs. 3,00,000/-

1. Only for welfare schemes.
2. No donations from outside is taken.

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes	Agency	Yes	Authority
Academic	√	1. ISO-TUV NORD	√	Internal Auditors trained by ISO-TUV NORD
Administrative	√	1. ISO-TUV NORD	√	Internal Auditors trained by ISO-TUV NORD

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No *

For PG Programmes Yes No *

* Third Year Degree and Post Graduates results are declared by University. Some of the examinations results are declared within 30 days.

6.9 What efforts are made by the University / Autonomous College for Examination Reforms?

1. The University sends the question papers online to avoid malpractice. The College has provision for downloading the question papers and for printing the same.
2. The College is also CAP centre for T.Y.B.Com, T.Y.BMS, T.Y.B.Com (A&F), T.Y.B.Com (B&I), M.Com (E-Commerce) and M.Com examinations for the cluster colleges for Semester - V.
3. Online assessment system has been introduced by the University for Semester VI of T.Y.B.Com, T.Y.BMS, T.Y.B.Com (A&F), T.Y.B.Com (B&I), T.Y.B.A. and T.Y.B. Sc. examinations.
4. Online submission of examination forms, generation of hall tickets and results declaration by the University.

6.10 What efforts are made by the University to promote autonomy in the affiliated / constituent Colleges?

The University conducts guidance sessions for the Colleges to encourage them to apply for autonomy.

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6.11 Activities and support from the Alumni Association

- Alumni is registered association for the welfare of the students.
- Annual Alumni Meet was organised on 26th January, 2017 for all streams. A common meeting was organised in the Seminar Hall to share the experiences of the Birla College alumni. This was followed by Department wise interaction between faculty members, alumni and present students.
- Guest lectures are delivered.
- Books are donated to needy and deserving students.
- Active participation in College academic, co-curricular and extracurricular activities.

6.12 Activities and support from the Parent – Teacher Association

- 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.
- Parents are advised to remain present at the time of admission.

6.13 Development Programmes for support staff

1. Hands-on training of various laboratory equipment, meetings and group discussions were organized periodically to enhance the efficiency of office administration.
2. IQAC organised a workshop on '**Laboratory Maintenance and Safety Measures**' on 30th March, 2017.

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. The Department of Environmental Sciences celebrates Eco-Friendly Ganesh festival which is now an annual feature. As part of the same a Workshop for making Ganesh idols with clay is organized for the students. Eco-friendly Ganpati Festival was organized on 5th and 6th September with the theme 'Reduce, recycle and Reuse'.
2. A Panel Discussion on 'Kalyan- Dombivli : Smart City – Opportunities Ahead' was organised on 18th March, 2016 in association with Smart Kalyan Dombivli Development Corporation Limited (SKDCL) and Kalyan Dombivli Municipal Corporation (KDMC)
3. 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 organised on 31st July, 2016. Tree bank is maintained.
4. The campus already has a large number of trees. In addition, 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.
5. World Ozone Day was celebrated for two days on 15th and 16th September 2016. Dr. A. D. Sawant, Former Pro-Vice-Chancellor, University of Mumbai was the chief guest. He delivered a special lecture on '*Protection of Ozone Layer*'. Various Intercollegiate Competition like Nature Hunt, One Man Army, Dark Hour, Poster Competition, Guess the Word and Eco-chef were organized.
6. Special Lecture on Various Techniques about conservation of water, by Waterman of India Dr. Rajendra Singh was organized on 14th December 2016.
7. 'World Environment Day' was celebrated on 5th June, 2016. Tree Plantation programme was organised at the College.
8. 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. They are also guided on save energy campaign.
9. The students of Environmental Sciences actively participate in Beach cleaning and Noise monitoring every year.

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Criterion - VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Sr. No.	Events /Activities
01	Cycle Rally was organised with the theme of 'Go Wild For Life' by Department of Environmental Sciences on 5 th June, 2016 jointly with KDMC and Social Forestry Department to celebrate World Environment Day.
02	International Yoga Day was celebrated by the cadets of Birla College on 21 st June, 2016. 220 Cadets and 5 ANOs are participated in this activity. Dr. Amit Mishra from SVYASA institute of Yoga demonstrated various Asanas to the Cadets.
03	Workshop on Innovation and Entrepreneurship was organized on 27 th July, 2016. The objective of the workshop was to motivate the NSS volunteers for the Self-employment
04	Vriksha Dindi was organized on 31 st July, 2016. The objective of Vriksha Dindi was to propagate importance of trees in sustaining the environment. 1500 students of various schools and colleges including eminent personalities and local residents were participated in Vriksha Dindi
05	Heritage Walk was organised as part of 'Azadi 70' which was celebrated for one week from 16 th August 2016 to 22 nd August, 2016 as per the guidelines of HRD Ministry.
06	'Healthy Body and Healthy Mind,' 6-day workshop from 29 th August to 3 rd September, 2016 was conducted by Dr. Amit Mishra, SVYASA, Khadakpada and his team. During the workshop BMI (Body Mass Index) of students was also observed by experts of Charak Pharmaceuticals.
07	Vote awareness campaign was organised on 18 th September, 2016 in association with Election department. The Voter's list was prepared and submitted to Election Commission.
08	Peace-March was organized on 2 nd October, 2016 by the UGC sponsored Gandhian Studies Centre and the NCC Units of the college to celebrate International Non Violence Day .
09	'Shardache Chandane' a cultural show was organized and performed by the faculty of the college on 15 th October, 2016 on the eve of Kojagiri pournima.
10	'Public meeting on 'Demonetization' was organised on 7 th November, 2016 in association with Kalyan-Dombivli branch of WIRC of ICAI to create awareness among people about the recent issues related to demonetization.
11	Soft skill development program was organised from 8 th - 10 th December, 2016 to improve the soft skills of the students of self financing courses for enhancing their entrepreneurial skills and employability.
12	The Two Day Intercollegiate Science Festival, 'PRAVAH' was organized on 15 th and 16 th December, 2016. The science fest was organized under the DBT 'Star College Scheme' and was sponsored by Century Rayon. In tune with the goals of DBT, to create interest in basic sciences and to develop interdisciplinary approach academic, cultural, and creative competitions were included in the festival. Along with the competitions, each science department has organized an activity of academic

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	<p>importance. Department of Botany has organized an exhibition on ‘<i>Indian Pulses</i>’ to commemorate the ‘Year of Pulses’ declared by UNESCO. An exhibition of Bottle Garden, Bonsai and raw materials used for Herbal and Ayurvedic products was also organized by the Department.</p> <p>Department of Chemistry has organized an exhibition on ‘Invention and Innovation in Science and Technology’ 68 exhibits from various schools and colleges were showcased.</p> <p>Department of Zoology has organized an exhibition titled “Birds- The Glorified Reptiles” as a tribute to Dr. Salim Ali. Sukshmavakash was organised by Department of Microbiology to motivate students to create innovative models, working models and concept models to propagate Microbiology. Circuit Making- Funtronics, Fun in Maths, Evolution of biotechnology were the activities organized by other departments.</p>
13	<p>Lang-Lit an Inter Collegiate linguistic and literary contest was conducted in conjunction with the UGC- Sponsored ‘Centre for Foreign Languages’ on 16th – 17th December 2016, to provide a forum to the English and Foreign language learners.</p>
14	<p>Parikrama 2016 – ‘Retro to Metro’, a grand cultural show was organized for final year students at Atre Theater on 3rd January, 2017. In this show the transition from “Retro to Metro” was presented through various performances. Tableau on “Rashtriya Kisan Yojana” and fashion show on 15 “Bharat Swachha Abhiyan” was presented by students. Nearly 300 students from Junior and Degree college participated in the function</p>
15	<p>Annual Alumni Meet was organised on 26th January 2017 for all the faculties. A common meeting was organised in the Seminar Hall to share the experiences of the Birla College alumni. This was followed by Department wise interaction between faculty members, alumni and present students.</p>
16	<p>Panel Discussion on Kalyan Dombivli Smart City-Opportunities Ahead organised along with Smart Kalyan Dombivli Development Corporation Ltd. (SKDCL) and Kalyan Dombivli Municipal Corporation (KDMC) was organised on 18th March, 2017.</p>
17	<p>A book exhibition was organized to inculcate reading habits among students and to share literary resources with maximum number of students. Books Exhibitions are organized on days of national importance like Constitution day, Subhash Chandra Bose Jayanti, Birth Anniversary of Dr. A. P. J. Abdul Kalam, etc.</p>
18	<p>‘Yoga for Youth’ a one day National Symposium was organized on 2nd February, 2017. Students from Himachal Pradesh, Karnataka, Gujarat, Hyderabad, Bihar and different colleges of Mumbai Participated in the symposium</p>
19	<p>NCC Day was Celebrated on 16th February 2017 wherein different activities like Semephore, section attack and Bannet fighting, Civil defence and disaster management, Yoga and cultural activities including group dance and Lezim were demonstrated to the audience. The cadets, ANOs and s tudents of other colleges and schools of Kalyan and nearby area also attended the function.</p>

20	The following welfare schemes have been initiated by the management–				
	1. All those faculty who have completed 25 years or more than 25 years of service are being felicitated at Birla College, on the Foundation Day with an Appreciation Certificate, Shawl, Shripal and Rs. 5,000/- as a gift. This Scheme will be continued.				
	2. Marriage Gifts for Self and Children's marriage (Up to Two Children)				
	Sr. No	Particulars	Up to 10 Years Service	From 10 to 15 Years of service	Above 15 Years Service
1	Teaching Staff, Registrar, Office Supdt.	Rs. 6,000/-	Rs. 8,000/-	Rs. 10,000/-	
2	Non-teaching Staff- Sr. Clerk, Assistant, Attendant and Peon	Rs. 4,000/-	Rs. 5,000/-	Rs. 6,000/-	

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

	Proposed Activities	Action Taken
a) Teaching	Advance Diploma in Accounting and Taxation	Semester III and IV of Diploma in Accounting and Taxation under the UGC scheme of Community College started.
b) Examination	Centralised Examination For First Year BA / B.Com / B.Sc. by University of Mumbai	Examination conducted for first year B.Com, B.Sc. and B.A. faculty as per the University Guidelines.
c) Research	Research Guides in the subject of Chemistry, Physics, History	Three Faculty Members got approval from University as Research Guides.
d) Extension	<ul style="list-style-type: none"> Programme for citizens of Kalyan City on Smart city. Environmental Awareness India Today and Week Hansa Survey forms to be filled for Institutional Ranking across the India 	<ul style="list-style-type: none"> Panel Discussion on Kalyan Dombivli Smart City-Opportunities Ahead was organised along with Smart Kalyan Dombivli Development Corporation Ltd (SKDCL) and Kalyan Dombivli Municipal Corporation (KDMC) on 18th March, 2017. Refer: 7.14 College Secured 39th rank in science and 46th rank in Arts stream in The Week Hansa Research Best College Survey 2017

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7.3 Give two Best Practices of the institution?

i) Organising National Level Seminar / Workshop in honour of Retiring Faculty Members / Non-Teaching Members

Goal:

To recognize the academic contribution of Retiring Faculty Members and support provided by Non-Teaching Members in strengthening academics a seminar / workshop is organized on the day of retirement.

The Content:

To commemorate the retirement of teaching /non teaching faculty, their academic contribution is appreciated by conducting a seminar / workshop. The practice was started in the year 2004. The faculty members who are retiring are felicitated by the college and a program of academic importance is organized. In the current academic year two such seminars were organized as appreciation of retiring faculty members.

The Practice:

1. One Day National Level Seminar on '**Recent Trends in Bio-Nanosciences**' (RTBN-2017) was organized on 29th March 2017 as a mark of respect for the retirement of Dr. P. P. Satpute, Head, Department of Chemistry. 140 participants attended the seminar to enrich them academically. Eminent academicians from the field of Chemistry were invited to participate. The outcome of the seminar was academic enrichment and the feeling of gratitude and fulfilment. The following eminent speakers deliberated on the various developments in the field of Bio-nanoscience:

- Prof. Vilas Gaikar, Vice Chancellor, Dr. Babasaheb Ambedkar Technology University Lonere, Raigad.
- Prof. Jayesh Bellare, Department of Metallurgical Engineering & Materials Science, IIT- Bombay, Powai.
- Prof. A. K. Shrivastava, In-charge Director, NCNNUM, University of Mumbai.
- Dr. Jayshree Ramkumar, Scientist, Chemistry Division, Bhabha Atomic Research Centre, Mumbai.
- Dr. Debadatta Ratna, Scientist, NMRL, Ambernath
- Dr. Santanu Karan, DST-Ramanujan Fellow, RO Membrane Division, CSIR- Central Salt and Marine Chemicals Research Institute , Bhavnagar, Gujarat
- Dr. L.N. Singh, Head Department of Physics, BATU, Lonere

2. One Day Intercollegiate Workshop on '**Laboratory Maintenance and Safety Measures**' was organized on 30th March 2016 as appreciation of the work of Mr. J. D. Suryawanshi, Laboratory Assistant and Mr. B.G. Kurle, Laboratory attendant on their retirement. A total of 103 participants from the college and cluster college science laboratories, actively participated in the workshop. The sessions were conducted by Faculty Members, Administrative Staff of Birla College and Invited Speakers from Century Rayon, Shahad.

- 1) Prof. K. H. Dongare, Department of Chemistry
- 2) Mr. D. N. More, Administrative Staff.
- 3) Dr. Sonal Tawade, Department of Environmental Science.
- 4) Mr. Babjee Chaudhary, Century Rayon, Shahad
- 5) Mr. Kishor Desai, Department of MCVC

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Problem Encountered and Resources Required

Since the retirement of the faculty was in the month of March, which is marked with practical examination schedule, the participation of all non-teaching and teaching staff was a concern.

- Evidence of Success

The feeling of accomplishment, satisfaction and gratitude on the face of the retiring faculty was the major outcome of this activity

ii) Goal: To motivate maximum number of students to participate in sports activity organised at College, Inter College, University, State, National and International Level

The Content

Content:

It was observed that during the last few years, the participation of students in sports activities at intercollegiate, University and national level was comparatively very less than earlier. The reasons identified for poor results were no trained instructors and coaches for guiding the students and lack of proper facilities for different sports events within the college campus.

Practice:

The following corrective measures were taken to motivate the students to participate in the different sports activities organized at various levels.

- A full time qualified Physical instructor along with coaches for different sports activities were appointed to administer the entire gymkhana activities. His management, coaching, encouragement and support resulted in better participation of the students.
- The college management took various initiatives for upgrading the sports infrastructure for providing better facilities to the participants. The gymkhana was renovated through addition of standard sports equipments and the participants were provided diet, track suits, blazers and sponsorships for motivation.
- Sportsmen are motivated by teachers of all stream and are assured to provide additional guidance in case of academic loss due to sports activities (practice/competition).
- Outstanding sportsmen are given admission under sports quota as per rule.
- Fee concession and financial incentives are given to the outstanding sportsmen.
- Students are motivated by instructor, Principal and Gymkhana Chairman after every event.

Problem Encountered and Resources Required

In the initial days students were hesitant to participate in sports events and the infra structures were not adequate.

Evidence of Success:

Students participated in many Inter Collegiate, Inter-University, State Level, National and International sport event. The students bagged many medals and prizes (annexure -I). The college was figured in top ten colleges of University of Mumbai in sports activities during 2016-17 as compared to 33rd Rank in the Academic Year 2015-16.

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List of Medals won by the students

Name of the Sports	College / Intercollegiate / State / National / International Level	No. of Students attended / Participated	Achievements / Remark
Squash	International Squash Championship organized by World Professional Squash Association (PSA) at Abu Dhabi	01	<ul style="list-style-type: none"> Mr. Aishwarya Singh of T.Y.B.M.S. participated in the <i>International Squash Championship</i> organized by World Professional Squash Association (PSA) at Abu Dhabi in October, 2016.
	Inter Collegiate	08	<ul style="list-style-type: none"> Mr. Aishwarya Singh of T.Y.B.M.S. won <i>Gold medal</i>
	Inter University	01	<ul style="list-style-type: none"> Mr. Shubham Sharma of T.Y.B.M.S. won <i>Silver Medal</i>
Taekwondo	Open International Taekwondo Championship	01	<ul style="list-style-type: none"> Mr. Rohit Pal of F.Y.B.Com <i>represented India</i>
Yoga	University Level	12	<ul style="list-style-type: none"> Birla College Boys and Girls team participated for the first time in this competition and both teams stood first in the competition by winning <i>12 out of 12 Gold Medals.</i> Mr. Shrikant Shelar (MA Part-I) and Ms. Granthali Karadkar (F.Y.B.com) won <i>Silver Medal</i> in the individuals and represented University of Mumbai at the Inter University Yoga Competition held at Krukshetra, Harayana in the month of February, 2017
	Thane District Open Yoga Championship	16	<ul style="list-style-type: none"> Mr. Shrikant Shelar of MA Part-I won <i>Gold Medal</i> and Mr. Umesh Mehre won <i>Silver Medal</i>
	Open State Yoga Championship	01	<ul style="list-style-type: none"> Participation
Wrestling (M & W)	University level	05	<ul style="list-style-type: none"> Miss Mamta Rathod (55Kg) of S.Y.B.A. and Miss Bhagyashree Bhoir (63Kg) T.Y.B.A. won <i>Gold Medal</i> and Miss Shraddha Neman (60Kg) of F.Y.B.Com. and Madhavi Kurle (75 Kg) of S.Y.B.Com.

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			won <i>Bronze Medal</i> in the Inter Collegiate Wrestling Competition of University of Mumbai held on 3 rd Jan. 2017. Miss Mamta Rathod and Miss Bhagyashree Bhoir represented University in the Inter-University Tournaments held at Haryana.
	State Level	02	<ul style="list-style-type: none"> Miss Madhavi Kurle won <i>Silver Medal</i> in the Jr. State wrestling championship at Pune
	Thane Mayor wrestling Championship (open)	08	<ul style="list-style-type: none"> Miss Mamta Rathod of FYBA won <i>Silver Medal</i>. Miss Shraddha Neman, Miss Bhagyashree Bhoir and Miss Madhavi Kurle won <i>Bronze Medals</i> in different weight categories Team stood runner up in the woman team championship
Fencing (W)	University level	01	<ul style="list-style-type: none"> Miss Nisha Pujari (T.Y.B.Com) won <i>Gold Medal</i> in University Fencing Championship and <i>Bronze Medal</i> in the Inter University Fencing Championship held at Amrutsar.
	Sr. Open State Fencing Championship	01	<ul style="list-style-type: none"> Miss Nisha Pujari, "<i>Shiv Chhtrapati Rajya Krida Puraskar</i>" Awardee and our student of T.Y.B.Com. won <i>Gold Medal</i> in the Sr. Open State Fencing Championship held at Nasik in Oct. 2016. She has also won <i>Bronze Medal</i> in the Sr. National championship,
Boxing (M)	Inter Collegiate	04	<ul style="list-style-type: none"> Mr. Ankur Singh (F.Y.B.A.) won <i>Silver Medal</i> in the University Boxing Championship
Archery (M)	University Level	02	<ul style="list-style-type: none"> Mr. Bhavesh Umbhavne (F.Y.B.A.) won <i>Bronze Medal</i> in University of Mumbai Archery Competition.
Rugby (M)	Sr. Open State Rugby Championship	02	<ul style="list-style-type: none"> Mr. Mayur Memane of F.Y.B.Com and Mr. Shubham Mohpe of F.Y.B.A won <i>Bronze Medal</i>
Cross country (M & W)	Inter Collegiate	01	<ul style="list-style-type: none"> Degree College Boys Cross country team stood fourth and Girls team stood sixth in the University of Mumbai Cross Country Run.

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Athletics (M & W)	University level	04	<ul style="list-style-type: none"> • Mr. Prem Yadav (F.Y.B.Sc. IT) stood Fourth in 1500 M run Miss. Unnatti Shekate stood Fourth in 1500 M run • Ms. Madhavi Kurlle stood fourth in the hammer throw competition. • Our Boys relay team stood Fifth in the 4x100 m relay.
	State Level	01	<ul style="list-style-type: none"> • Ms. Ashika Pujari (F.Y.B.Com.) won two <i>Silver Medals</i> in 100 m run and long jump in Open State Athletics Competition.
Half Marathon (M)	University half Marathon	04	<ul style="list-style-type: none"> • Mr. Nilesh Shelar (T.Y.B.A.) stood Fifth in the 5000 M run.
Cricket (M)	University level	15	<ul style="list-style-type: none"> • Team has qualified for for the Inter Zonal Tournament, University of Mumbai.
Best Physique (M)	Inter Collegiate	02	<ul style="list-style-type: none"> • Mr. Akshay Deoke of MA part I (Business Economics) won Inter Collegiate “<i>Best Physique Championship</i>” organized by Joshi Bedekar College, Thane. He won the “Mr. Ulhas” title in the similar competition held at Ulhasnagar.
Volley ball (M & W)	Inter Collegiate	18	<ul style="list-style-type: none"> • Participation
Foot Ball (M)	Inter Collegiate	24	<ul style="list-style-type: none"> • One student has been selected to represent university of Mumbai in the Inter University football tournaments • Boys Kabaddi team qualified up to quarter finals of Zone –III Tournaments.
Kabaddi (M & W)	Inter Collegiate	16	
Chess (M & W)	Inter Collegiate	24	<ul style="list-style-type: none"> • Participation
Badminton (M & W)	Inter Collegiate	12	<ul style="list-style-type: none"> • Participation
Table Tennis (M)	Inter Collegiate	12	<ul style="list-style-type: none"> • Participation

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7.4 Contribution to environmental awareness / protection

1. Vriksha Dindi was organized on 31st July, 2016 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.
2. A nursery is maintained to develop ornamental plants and saplings are planted in the campus.
3. **No Vehicle Day:** College has taken many initiatives to create awareness among the students and faculties for protecting the environment as a responsible citizen. 'No Vehicle Day' is such an initiative. It is to spread the message of saving fuel and reducing the green house gases due to vehicular pollution
4. Eco-friendly Ganpati Festival was organized on 5th and 6th September, 2016 with the theme 'Reduce, recycle and Reuse'.
5. World Ozone Day was celebrated for two days on 15th and 16th September, 2016. Dr. A.D Sawant, Former Pro Vice Chancellor, University of Mumbai was the chief guest and delivered lecture on Protection of Ozone Layer. Various Intercollegiate Competition like Nature Hunt, One Man Army, Dark Hour, Poster Competition, Guess the Word and Eco-chef were organized.
6. Special Lecture on Various Techniques about conservation of water, by Waterman of India Dr. Rajendra Singh was organized on 14th December, 2016.
7. 'World Environment Day' was celebrated on 5th June, 2015. Tree Plantation programme was organised at the College.
8. 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.
9. The students of Environmental Sciences actively participate in Beach cleaning and Noise monitoring every year.

7.5 Whether environmental audit was conducted?

Yes No



*Energy audit was conducted on: 15th December, 2015

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7.6 Any other relevant information the institution wishes to add (for example SWOT Analysis)

Strength

- The Name
- Vibrant Work Culture, Holistic and Motivational Approach
- Dedicated Faculty and Family Culture.
- Introduction of several need-based courses.
- Reaccreditation (3rd Cycle) by NAAC with A Grade with CGPA-3.58
- *College of Excellence Status (2015-2020)* by UGC
- '*Best College Award*' from University of Mumbai (2009)
- Excellent Results
- Active Internal Quality Assurance Cell,
- ISO Certification
- Promoting Research Culture
- NCC and other Extension activities
- Support from UGC, DST, DBT, Management etc.
- Achievements in Sports at State / National / International Level
- Certificate Courses in Chinese , French, German and Japanese

Areas of concern

- Reading Habits of students
- Language skills of students
- Appointment of new faculty

Opportunities

- Skill Development and Entrepreneurship Development
- Interdisciplinary and Multidisciplinary approach
- Use of E- Resources for Effective Teaching - Learning

Threat

- Increase in Aggression among the youngsters in general.
- Shifts in moral values and perspectives poses a threat.
- Ego Conflict

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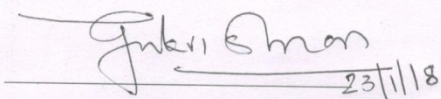
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8. Plans of Institution for next year:

1. To introduce more Skill development Courses to all the students.
2. To organise hands on training for the faculty members on E-Content Development.
3. Academic Audit of Departments of Commerce, History, Botany, Physics, etc.
4. ICT up gradation in the college campus
5. Emphasise on industry –Academic- interface and encouraging faculty members to take up consultancy
6. Strengthening Infra structure improvement

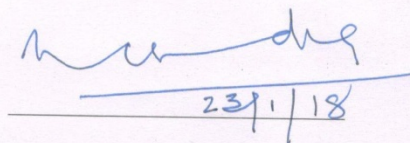
Name: Dr. Geetha Unnikrishnan



23/1/18

Signature of the Coordinator, IQAC

Name: Dr. Naresh Chandra



23/1/18

Signature of the Chairperson, IQAC

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Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	College of Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
TQM	-	Total Quality Management
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
