



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE
Name of the head of the Institution		Dr. Pradnya Prabhu
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02221020718
Mobile no.		9820009267
Registered Email		principal.kjssc@somaiya.edu
Alternate Email		pradnya.prabhu@somaiya.edu
Address		K. J. Somaiya College of Science and Commerce, Vidyanagar, Vidyavihar, Mumbai - 400077
City/Town		Vidyavihar
State/UT		Maharashtra

Pincode	400077																								
2. Institutional Status																									
Autonomous Status (Provide date of Conformant of Autonomous Status)	04-Oct-2012																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed and grant-in-aid																								
Name of the IQAC co-ordinator/Director	Dr. Lolly Jain																								
Phone no/Alternate Phone no.	02221020615																								
Mobile no.	9819914206																								
Registered Email	lolly@somaiya.edu																								
Alternate Email	iqac.kjssc2003@somaiya.edu																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://kjssc-sr.s3.ap-south-1.amazonaws.com/IQAC/AQAR+2017-18/KJSSC+AQAR+2017-18.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://kjssc-sr.s3.ap-south-1.amazonaws.com/IQAC/Academic+Calendar/Academic+Calendar+2018-19.pdf																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.21</td> <td>2010</td> <td>04-Sep-2010</td> <td>03-Sep-2015</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.24</td> <td>2016</td> <td>25-May-2016</td> <td>24-May-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.21	2010	04-Sep-2010	03-Sep-2015	3	A	3.24	2016	25-May-2016	24-May-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
2	A	3.21	2010	04-Sep-2010	03-Sep-2015																				
3	A	3.24	2016	25-May-2016	24-May-2023																				
6. Date of Establishment of IQAC	10-Sep-2003																								
7. Internal Quality Assurance System																									

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Participation in NIRF	20-Mar-2019 1	1
Academic Audit (AA)	12-Jun-2019 2	1
Feedback from students and parents analyzed and used for improvements	13-Aug-2018 30	137
Timely submission of Annual Quality Assurance Report (AQAR 2017-2018) to NAAC	10-Jul-2018 1	1
Regular meeting of Internal Quality Assurance Cell (IQAC)	17-Dec-2018 1	5
Regular meeting of Internal Quality Assurance Cell (IQAC)	20-Oct-2018 1	11
Regular meeting of Internal Quality Assurance Cell (IQAC)	17-Jul-2018 1	6

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

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Autonomy	UGC	2012 1825	2000000
Institution	College with Potential for Excellence	UGC	2016 1825	15000000
Department	DBT STAR Scheme	DBT	2014 365	6900000
Department	DBT STAR Scheme	DBT	2018 730	2600000
Department	DBT STAR Scheme	DBT	2017 1095	10400000
Institution	FIST	DST	2013 1825	9000000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Process for Online admission for second year, third year of UG courses and second year of PG courses was initiated.	
Major focus on training the faculty for implementation of new pedagogies in teaching-learning and evaluation.	
Initiation of two new post-graduate programs M.Sc. (Polymer Science), M.Sc. (Applied Statistics)	
New CAP facility made available.	
Installation of CCTV cameras in the building.	
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	
Plan of Action	Achivements/Outcomes
Designing new diary for teachers to facilitate API form.	Designed and distributed to all faculty members.
RBPT workshop for our faculty	Two-day workshop was organized on 23-11-2018 and 24-11-2018 and number of beneficiaries were 24.
CAS online applications of teachers to be scrutinized and forwarded for further action. .	Done for four staff members
Training for Bajaj IMCQA.	Two staff members were trained
Celebration of National Science day.	Department of Physics organized "The Light Show" to demonstrate the various

	optical phenomena with creative experiments. Department of Microbiology organized Essay writing competition, The theme was" Science for the people and people for the Science"
Scientific writing on Statistical Tools in Research.	PYTHON & R-Software Workshop on 10th & 11th August, 2018.
Self Development Programme in Value Education	1 credit course "SANSKAR SHALA" organized for T.Y.B.Sc./ T.Y.B.Com students.(18/4/2019-23/4/2019)
Workshop on Plagiarism (for faculty too)	Covered in Session on e-Resources for Enhancement of Research organized by Library Development Committee 4/2/2019
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Body	17-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	22-May-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	IT integration in the academic administration A. Online Initiatives for Office Activities 1. Online Generation of Students Register: Student general register contains class wise details of the students. Writing of students register for one academic year involves data entry of approximately 2500 students. The approximate time requires per entry is 12 to 15 minutes. By capturing the necessary fields at the time of admissions helps to generate the Students Register directly from the software and ensures ease in maintaining the record. 2. Use of
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online recruitment module: Postage charges are saved for each recruitment process made under unaided section as the applications and the entire correspondence towards the recruitment has been made through email and official web portal. This initiative facilitated the speedy and timely recruitment and helps to reduce the paper based correspondence.

B. Online initiatives For Students

1. Online railway concessions: Students can now apply for railway concession through online link and can collect the concessions directly from the concerned counter for which student has to wait not more than 23 minutes at counter. Earlier the student used to submit the application form at the window and collect the same at same time which used to take 10 minutes per student. Total no. of online applications received since 30th May 2015 to 14th Jan 2016 : 3647 Total no. of railway concessions received from 30th May 2015 to 14th Jan 2016 : 3034
2. End to end Online admission for inhouse Students of S.Y. T.Y. B.Sc. /B.Com. From the academic year 201920, college has initiated the End to end Online admission for inhouse Students of S.Y T.Y. B.Sc /B.Com . This system ensures the hassle free process of online filling of admission form, selection of subject and payment of fees through payment gateways.

C. Online initiatives for Staff: Implantation of new HR software has enabled us to offer Individual Login account to all employees to avail following services:

1. Online submission of leave application
2. Online Leave record
3. Online salary slip
4. Online view of earnings and deductions for the entire financial year at a glance
5. Online view of TDS projection
6. Online submission of TDS investments proofs / declarations
7. Online view of daily / monthly / yearly attendance In and Out
8. Email initiations regarding status of leave applications and TDS declarations

HR software has served of office staff members in following domains

1. Integration of Biometric attendance to HR software has reduced the time required for salary processing as there is no need of referring attendance musters at the time of

salary processing 2. All TDS investments / declaration are available online 3. No need to print and distribute salary slips every month 4. Leave registers can be generated from software for every year so no need to maintain Leave registers manually Salary registers can be generated from software for every year so no need to write salary registers manually.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	19US-BO	Botany	05/01/2019
BSc	19US-CH	Chemistry	12/01/2019
BSc	19US-CS	Computer Science	16/01/2019
BSc	19US-GE	Geology	14/01/2019
BSc	19US-IT	Information Technology	16/01/2019
BSc	19US-MT	Mathematics	05/01/2019
BSc	19US-MB	Microbiology	08/01/2019
BSc	19US-PH	Physics	23/01/2019
BSc	19US-ST	Statistics	05/01/2019
BSc	19US-ZO	Zoology	14/01/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
PG Diploma	Post Graduate Diploma in Integrated Solid Waste management and Engineering	08/08/2018	PGD – ISWME	08/08/2018

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Polymer Science	04/09/2018
MSc	Applied Statistics	03/09/2018

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Chemistry, Biochemistry, Physics, Microbiology, Mathematics, Botany, Zoology, Biotechnology, Geology	01/06/2018
BSc	Statistics, IT, Computer Science	01/06/2018
BCom	BCom, BAF, BFM, BMS	01/06/2018
MSc	Chemistry, Biochemistry, Physics, Microbiology, Botany, Zoology, Biotechnology, Geology	01/06/2018
MSc	Applied Statistics, IT, Polymer Science, Nutraceuticals, Environmental Science,	01/06/2018
MCom	Accountancy, Business Management	01/06/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
1 credit course Sanskar Shala (Value Education)	18/04/2019	25
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biochemistry	20
MSc	Zoology	14
MSc	Chemistry	74
MSc	Environmental Science	44
BSc	GEOLOGY	55
MSc	GEOLOGY	16
BSc	MICROBIOLOGY	15
MSc	MICROBIOLOGY	18
MSc	NUTRACEUTICALS	20
MSc	PHYSICS	20
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained

In the journey of development of an educational institute, students are the major stakeholders. Their opinion is essential to evaluate the institutes' reputation. Student's satisfaction concerning services provided and quality perceived is analyzed using various feedback methods. Based on the performances of teaching and non-teaching staff, the data obtained in the student satisfaction survey is used for their appraisal. The method used for collecting the student's feedback is through "Mailed Questionnaire Method". All undergraduate and postgraduate students are asked to grade on a 5 point Likert Scale and the weighted average of each parameter is calculated. To maintain the confidentiality of data, the access of the responses is only with the Convenor of the feedback committee. Difficulties faced by the students are resolved by discussion with the Principal. Based on the results analyzed from the feedback data, areas with low grading are tackled. Some of the corrective measures like remedial coaching, Meditation and Value education workshops are organized by IQAC in response to the students need and demand. An explanation for unsatisfactory feedback is asked by the Principal and the concerned staff is asked to improve in future. The process of feedback is found to be instrumental in improving the quality of the institute by providing students quality education, student friendly environment, building their confidence and to overcome the personal difficulties while approaching the overall system. The quality of teaching by faculty and bringing academic excellence, the lecturer's willingness to provide additional assistance when needed, following the course outline, the lecturer's knowledge on the subject matter, action taken by faculties during difficult situation, mentoring quality of teacher are some of the outcomes that are worked upon based on the feedback obtained.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	M.Sc.-I (CHEMISTRY)	80	400	77
MSc	M.Sc.-I (PHYSICS)	20	62	17
BCom	F.Y.BMS	60	2362	66
BCom	F.Y.B.Com. (FM)	60	386	58
BCom	F.Y.B.CAF	60	1940	65
BSc	F.Y.B.Sc. (IT)	120	2100	122
BSc	F.Y.B.Sc. (CS)	60	1598	76
BSc	F.Y.B.Sc. (BT)	35	1135	34
BCom	F.Y.B.Com.	360	2465	354

BSc	F.Y. B.Sc.	600	2876	596
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3357	739	25	8	102

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
134	10	6	0	1	13

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Students were allotted to Science and Commerce teachers preferably taking into consideration the classes taught by them. The interactions of students allotted to mentors were compiled by the mentor. Mentor reports were then compiled by the co-ordinators, who are members of the committee. Aided Departments Tutor-Mentor Interaction system: The teachers had gathered following information and suggestions from their interaction with the students. I Infrastructure A Classrooms B Laboratories C Library D Others like elevator, water facility, gymkhana facilities and working days II A Academics issues were discussed which were related to: Printed notes, continuous evaluation, paper pattern, change in the pattern of examination, remedial coaching, National and State Eligibility exams and certain courses II B Teaching Some students had problems understanding certain modules. Respective HODs were informed accordingly. III Fees and Concessions 1. Many students had issues about railway concession facility, which were sorted out taking students convenience into consideration. 2. Students were uncomfortable paying fees for journals separately. 3. Majority of the students were reluctant to pay common breakage fees at the time of journal collection after certification, which was conveyed to the HOD. All the above issues were informed to the HODs and necessary remedial steps were taken. IV Timetable 1. Students were not very regular in class as well as for practical. Some students had to travel from far off places (6 hours a day) to reach college. Those who stayed far also raised the problems they faced to reach college at 7am in the morning. 2. Some students suggested a five day week pattern so that they can devote some time for hobbies or other co-curricular activities. 3. M.Sc.-I students felt term too short and were unhappy for being forced to attend all the invited talks. Students were unhappy with the compulsion of attending seminars/workshops/lectures conducted by college for which they have to miss their regular lectures and practicals. 4. Many students also lacked usage of proper written English and expressed interest in having lectures on Communication skills. V Office The office staff was more co-operative this year. VI General Many students were advised to take the help of the counsellor Dr. Shirang Joshi and they found the interactions benefitting. Corrective measures: All the issues are conveyed to the Principal in a detailed report. a) Many infrastructural issues reported last year had been attended to this year such as: b) Most classrooms had the fans and blackboard arranged as per requirement. c) Water leakage and burner issues were resolved in the laboratories. d) Optional subjects were not compulsory this year. e) Office staff seemed more cordial this year.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4096	134	1 : 30

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
91	67	24	0	32

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Sugandha Shetye	Associate Professor	Women Achiever award for ourstanding contribution in the field of pharma and its allied science 4th World summit on pharmaceuticals and drug design
2018	Dr. Unnati Padalia	Dean	Award for Support and Contribution, 7th Annual MPAI Conference, ACTREC, 12-13 January 2019. State level

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BCom	UC	Mar-18	06/04/2018	26/04/2018
BSc	US	Mar-18	04/04/2018	26/04/2018
BSc	UCS	Mar-18	10/04/2018	07/05/2018
BSc	USBT	Mar-18	04/04/2018	07/05/2018
BCom	UFM	Mar-18	09/04/2018	07/05/2018
BCom	UAF	Mar-18	09/04/2018	07/05/2018
BSc	USIT	Mar-18	10/04/2018	07/05/2018
BCom	UBM	Mar-18	10/04/2018	07/05/2018
MCom	PC	Mar-18	19/04/2018	08/05/2018
MSc	PS	Mar-18	19/04/2018	08/05/2018

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
181	4363	4%

2.6 – Student Performance and Learning Outcomes

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

<https://kjssc-sr.s3.ap-south-1.amazonaws.com/IOAC/Program+Outcomes+Science-Commerce.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
M.Com-ACC	MCom	Accountancy	56	51	91.07
M.Com-BM	MCom	Business Management	33	33	100
UBM	BCom	Management Studies	70	67	95.71
USIT	BSc	Information Technology	105	90	85.71
UAF	BCom	Accounting and Finance	60	55	91.67
UFM	BCom	Financial Markets	55	49	89.09
USBT	BSc	Biotechnology	18	18	100
USCS	BSc	Computer Science	28	20	71.43
US	BSc	Science	285	255	89.47
UC	BCom	Commerce	226	140	61.95

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2.7 – Student Satisfaction Survey

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

<https://kjssc-sr.s3.ap-south-1.amazonaws.com/IOAC/SSI+Report+2018-2019.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

No

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the	Name of the award	Date of award	Awarding agency
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fellowship

No Data Entered/Not Applicable !!!

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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DST	1239999	0
Minor Projects	365	University of Mumbai	340000	0
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

11

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Workshop on GST	BCAF/BFM/BMS	11/08/2018
Digital Marketing	Information Technology and Computer Science	18/01/2019
Green Computing	Information Technology and Computer Science	23/01/2019
Digital Forensics	Information Technology and Computer Science	01/03/2019
Machine learning using Python	Information Technology and Computer Science	08/02/2019
I-Senso Robotics	Information Technology and Computer Science	11/02/2019
Introduction to Python Programming and R-tool	Information Technology and Computer Science	10/07/2018
Career in Geology and geosciences	Geology	11/08/2018
Lecture on Basics in Structural Geology by Prof Soumyajit Mukherjee	Geology	24/09/2018
Ganga through Ages, A pictorial Odyssey	Geology	08/12/2018
Special Lecture on Climate Change with Indian and Global Context and Evolution of Life Form	Geology	22/01/2019
One day workshop on Pathway to Industry with Geo-informatics and	Geology	05/02/2019

Spatial Analytics		
Two days exhibition of Geology Museum specimens for 6th grade of the Somaiya School students was organized	Geology	15/02/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	RiiDL Chapter	Somaiya Vidyavihar, K. J. Somaiya College of Science and Commerce	Healthy Nachos (Beaniesnak Foods Private Ltd)	Snack	08/01/2019
1	RiiDL Chapter	Somaiya Vidyavihar, K. J. Somaiya College of Science and Commerce	Microgreens	Salad Kit	08/01/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Zoology	1
Unaided Commerce	2
Chemistry	2
Microbiology	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Economics	2	6
International	Zoology	1	5.4
International	Geology	1	1
International	Chemistry	2	3.2
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference

Proceedings per Teacher during the year

Department	Number of Publication
Business Law	1
Mathematics	3
Accounting and Finance	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	50	3	82
Presented papers	6	12	4	0
Resource persons	1	6	1	56
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Geology	Preparation of thin Sections	Noble Geo structures	15576
Environmental Science	Soil analysis	Lady bird Environmental solutions	3300

Environmental Science	Water analysis	Vaashanti NGO	22080
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga day	SIES NCC Unit	2	50
Tree Plantation and Trekking	KJSSC NSS Unit	1	25
Cleanliness drive	Unaided commerce	1	20
Mission Sahasi	KJSSC NSS Unit	1	20
Anti-plastic awareness	KJSSC	1	18
Blood donation	Somaiya Blood bank	2	80
Polio Drive	MCGM	1	15
Disaster management	Mumbai police	1	62
Domestic violence	Mumbai police	1	10
Tree plantation	KJSSC	1	17
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Skit Competition	3rd Prize	DLLE, University of Mumbai	6
Skit Competition	2nd Prize	DLLE, University of Mumbai	3
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
International yoga day	SIES NCC Unit	International yoga day	2	50

Tree Plantation	KJSSC NSS Unit	Tree plantation and trekking	1	25
Mission Sahasi	KJSSC NSS Unit	Mission Sahasi	1	20
Swachh Bharat	Self-financed courses	Cleanliness drive	1	20
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Student Exchange	02	Fee Waived and Self	180
Student Exchange Programme	01	Fee Waived and Self	180
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Hemchandracharya North Gujarat University, Patan	07/07/2018	Student exchange and research promotion	4
National Solid Waste association of India (NASWAI)	03/11/2018	Post Graduate Diploma	6
Prathmesh Biotech	22/02/2019	Student project and internship	3
Division of plant pathology and nematology Florida agricultural research	23/02/2019	Support and mentoring	3
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Total	307	10	252	0	0	3	3	1000	7
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4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
10	1262678	2	223880

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

This policy is to ensure regular and need based maintenance and optimum utilization of physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms. Procedures: A. Maintenance: Somaiya Vidyavihar has created common separate establishment called Project Office in the campus which takes cares of all maintenance like civil, electrical supply, water supply, general maintenance, and infrastructure and having a designated Engineers, Surveyors, Architectures, Plumbers, Electricians, Carpenters along with the necessary support staff to do the day-to-day maintenance work. The college also has 24x7 security service. The college also has AMCs of equipments in various laboratories as well as in the central Instrumentation facility. We have comprehensive Annual maintenance Contract for Computers. We have a central department on campus which provides IT support to all the institutions on campus. Every year training / workshop on Google apps, cyber security, and innovative teaching learning methods is imparted to faculty through the center. B. Utilization: Academic Facilities- LCD Projectors and laptops provided to the departments are required to be used for delivering academic content. Seminar Halls, Common Staff room, Library and all departments are equipped with internet facility. Care should be taken to use these facilities with appropriate security measures and ethics. Any breach of the norms will invite strict disciplinary action. LED Displays are mounted in the College at different locations for display of notices / circulation of other information to students. Each Faculty/student member is provided a personal email and access to all Google apps like Calendar blog, Google drive and Classroom. Training for using these apps is provided and teachers and students are encouraged to use college email. The Heads of the department are required to ensure optimum utilization and maintenance of the classrooms allotted for the lectures and the laboratories of their departments. IT facilities- We have implemented Active Directory Services for Authentication and Security at desktop level. We have a Firewall with all the critical services enabled such as IPS, Antivirus, Web Filtering, DLP and Application Control. Library facilities- The library committee comprises of Librarian, Assistant Librarian and Four teachers. The advisory committee is required to discuss the recommendations made for purchase of books, journals and other learning resources by the Heads of various departments, students and other staff members. The library resources are constantly required to be upgraded to make

it more and more learner friendly and encourage self learning amongst students.

The Committee also should look after organization of book exhibitions on various subjects, organization of training workshop for library staff, faculty and students for efficient and optimum use of online databases such as N-List, EBSCOHOST and INFLIBNET. The function of the committee is to assist and advise the Librarian in formulation of library policies, improvement of library and information services and operational matters. Sports facilities- The sports facility available on the campus should be used with responsibility by all stakeholders and the Gymkhana officials should ensure the same.

<https://kjssc-sr.s3.ap-south-1.amazonaws.com/IQAC/Policy+for+Maintainence.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	NGPA Exam Coaching	53	0	6	2
2018	JAM Geology	12	100	5	0
2018	Chemistry NET SET Exam Coaching	80	0	2	0
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of	Number of	Number of	Name of	Number of	Number of

organizations visited	students participated	students placed	organizations visited	students participated	students placed
CapGemini	90	39	TCS	50	8
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Sc.	Zoology	KJSSC	M.Sc. Nutraceuticals
2018	3	B.Sc.	Zoology	RJ College	M.Sc. Physiology
2018	1	B.Sc.	Zoology	Tata Memorial Hospital	M.Sc. Clinical Research
2018	11	B.Sc.	Statistics	NMIMS, KJSSC	M.Sc. Statistics
2018	7	B.Sc.	Mathematics	University of Mumbai, Institute of Science	M.Sc. Mathematics
2018	90	BCAF /BFM/BMS	Unaided Commerce	University of Mumbai	M.Com./ MBA/ CA/ CS / CMA/CFA
2018	15	B.Sc.	Biochemistry	KJSSC	M.Sc. Biochemistry
2018	4	B.Sc.	Botany	KJSSC	M.Sc. Botany
2018	14	B.Sc.	Biotechnology	"University College of Dublin, Ireland, MSU Baroda, SIES College Shivani B, KJSSC "	"Master of Biotechnology and Business, M.Sc. Medical Biotechnology, Third year Chemistry double bachelor, M.Sc. Biotechnology"
2018	2	B.Sc.	Zoology	KJSSC	M.Sc. Oceanography
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	3
SET	3

GATE	4
Any Other	13
View File	

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

Activity	Level	Number of Participants
SURABHI - Cultural Festival	College	150
ASMITA - Cultural Festival	College	60
Chess	College	18
Carrom	College	21
Table tennis	College	25
Athletics	College	1160
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

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

The Student council is constituted as per the University guidelines. It comprises of student and teacher. Students are selected to represent different subjects and classes. Two meetings in a year are conducted, one in each term, in which different matters related to academics, exams, infrastructure, office, library are discussed. Student grievances are addressed by the Principal and suggestions from student are welcome. These students help in organizing various activities throughout the year and they also participate in different activities throughout the year. The General Secretary and the Joint- Secretary are selected from the student fraternity. Student representatives are nominated on IQAC and Board of Studies of different subjects: The Energetic and motivational Lecture on 'How to be Successful Every Time Everywhere' was arranged for Students of our college by the committee of Student's Council on 10th August 2018, in the Seminar Hall of our college on 10th August 2018 at 10.00 am. The lecture was delivered by Dr Girishankar and 117 Students and 11 Faculty members were benefited by this lecture. Under the 150th year celebration of Gandhi Jayanti, a week long program was organized. There was an Essay Competition, in which 25 students participated and three prizes were awarded. A peace march in the Campus, in which more than 100 students participated, which was flagged by the Principal which then headed to the Police Colony adopted by the College and returned back to the institute. Poster Competition was organized for the students on Gandhian Values. A banner for messages by the staff and students related to Gandhiji's ideology was arranged in the College. A student Corner space was created in the display gallery of the college and student articles, poetries, essay were displayed every month. Student achievements were also put up in the corner. Guidance lecture on

competitive examinations for F.Y.B.Com/ S.Y.B.Com/T.Y.B.Com was organized in the second week of January to inform the students about the various competitive exams. In the month of February, 2019 Ms. Hetal Mundra delivered a talk on Start ups for F.Y. and S.Y.B.Com students to motivate them for taking up small project with RiIDL.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

K. J. Somaiya College of Science and Commerce Alumni association Soc. Reg. No. : 2061/2015/GBBSD, P.T.R. No. : F66106 A new managing Committee was elected in the AGM held on 1st September 2018, Saturday at 4.30p.m The new members unanimously elected were 1. Dr. Pradnya Prabhu (President) 2. Dr. Ranjan Mogre (Secretary) 3. Mr. Vishwanath Mannadiar (Jt. Secretary) 4. Mr. Shekhar Bagayatkar (Jt. Secretary) 5. Dr. Chitra Kamath (Coordinator) 6. Ms. Sarika Shinde (Treasurer) 7. Mr. R. Venkataraman 8. Ms. Anushree Sukhi 9. Ms. Tejal Bowlekar 10. Dr. Druman Utekar 11. Dr. Sugandha Shetye

5.4.2 – No. of registered Alumni:

56

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Year Number of alumni association meetings Dates of meetings No of members attended 2018-2019 Annual General Body Meeting - 01 01-09-2018 43 Management Committee Meetings - 05 04-08-2018, 07 22-09-2018 , 08 13-10-2018, 07 15-12-2018, 03 23-03-2019 06 The Alumni association of the college is a registered body with the Registrar of societies. The following activities were organized this year: 1. Captain Swaminathan an alumnus of 1985 batch delivered a talk on 01/08/2018 in the Seminar Hall, entitled, "Siachen Geopolitics: Army Perspective". Eighty nine students of M.Sc. T.Y.B.Sc. and S.Y.B.Sc. attended this talk. 2. Annual General Body Meeting of the above K. J. Somaiya College of Science and Commerce Alumni association Soc. Reg. No. : 2061/2015/GBBSD, P.T.R. No. : F66106 was held on 1st September 2018, Saturday at 4.30p.m. 3. Employment of students in Analytical solutions. The initiative was taken up by alumnus Dr. Ranjan Mogre. 4. The Annual Alumni reunion of the college was held on Saturday, 19th January 2019. On this occasion, CA Vinay Asher delivered a talk in the Seminar Hall, entitled, "How to retire with a corpus of Rupees One Crore?" Alumni of both aided and unaided sections and a few retired teachers attended the meet. 5. At the SVV Alumni Meet in the evening at the Gargi Plaza, eminent alumnus Mr. Ramesh Dharmaji was felicitated. On this occasion two alumni of 2017-18 batch Mr. Pratik and Ms. Shraddha Indulkar sang a duet and enthralled the audience.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Somaiya Vidyavihar, a conglomerate of 35 institutions, has its own Management Board and Academic Council. The Management Board and Academic Council of Somaiya Vidyavihar comprises of reputed international academicians and administrators. They meet twice a year and broad directions to the educational conglomerate are evolved during these consultations. The President,

Trustees, Hon. Secretary and Provost conduct regular Meeting of Heads of Institutions. During the Heads of the Institutions meetings issues related to academic development, infrastructure development, administration and maintenance are discussed. The action taken report is also reviewed for timely completion of the points discussed. This mechanism brings uniformity of administration in various institutions of Somaiya Vidyavihar. The Principal is the academic and administrative head of the college. The Principal is assisted by the Vice-Principal in various academic and administrative functions. The Principal conducts regular meetings of all Heads of the Departments. IQAC is involved in preparation of action plan for the current year and for overall quality improvement of the college. Various committees are formed at the beginning of the year and a variety of activities are conducted throughout the year for the students by these committees. Each department is managed by the Head of the department/ co-ordinator for the day-to-day administration which include teaching, learning and co-curricular and extracurricular activities. HODs conduct the meetings of the staff members/ faculties of their departments after the Principal's meeting. The administration is supervised by the Registrar. The account section is headed by the Accountant. Various administrative duties are assigned to the support staff of the office. After confirming Autonomous status, the college has set up the Governing Body, Academic Board, Examination Committee, Finance Board, Purchase Committee and Boards of Studies for various Departments / subjects under the chairmanship of the Principal, as per the statutes for autonomous colleges of the University of Mumbai. The Management has allowed the institutes by decentralizing responsibility and the institute in turn actively involves the entire staff in different activities.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Under curriculum development skill based course such as VISIBLE Spectroscopy, Titrimetric Analysis and use of Instrumental Methods in Titration are introduced, keeping in mind the employability aspect of the students after graduation. The curriculum is designed under the expertise of the staff and reputed people from the industry, Alumnus, current students, University Representative. Autonomy has given flexibility in preparing syllabus and also in evaluation.
Teaching and Learning	Teachers have been trained as trainer under Flip Learning and RBPT and actively involved in training others and are also using it for the students actively (Plicker, Edmodo, OFFEE, Fish bowl, Four corners). Teachers and students enroll for Swayam programme. Help of MOOC, MOODLE is also taken. Some staff members conduct internal

evaluation on Google classroom and notes are also posted on it. Chalk and talk is also popular. Many use Power point, videos to make teaching lively.

Examination and Evaluation

- Coding of question papers, answer papers for the anonymity of the student.
- Centralized assessment • 100 Dual assessment for all the classes. Triple assessment, in case the difference between first and second assessment is more than 10
- In addition to the standard subjects, Electives offered in the areas of sports, art, yoga for SY and TY
- In lieu of the subject Foundation Course, introduced foreign languages like Chinese, German, Japanese, French and ancient languages like Sanskrit, Pali
- For the internal evaluation, introduced Option 'A' (30 marks test 10 marks assignment), Option 'B' (Project) and Option 'C' (Book Review)
- Observers from exam cell during project presentation
- Squad during exams
- In 2018-19, Electives (sports, art, yoga) dropped due to logistics issue.
- For SY, TY and PG introduced continuous assessment under the purview of departments. Many departments conducted the tests on Moodle, Google Class room, Plickers. In Sem IV of PG, Practical Examination was replaced by Project

Research and Development

To develop the collaborations with industry/ research institutions five MoUs were signed as follows:

- K. J. Somaiya Institute Applied Agricultural Research, Somaiya Trust
- Prathmesh Biotech Gandhinagar
- Hemchandra North Gujarat University, Patan
- Division of Plant pathology and Nematology, Florida Agricultural Research
- National Solid Waste Association of India

10 faculty members received Minor Research Grant from University of Mumbai. Several faculty members have published research papers in UGC approved journals as well as presented papers in national and international conferences. All the M.Sc. II students completed their internship/ dissertation/ projects in institutes of high repute. The undergraduate students also were involved in short research projects under Star DBT Scheme.

Library, ICT and Physical Infrastructure / Instrumentation

? Library : This year the library introduced KIOSK automation system through which students and faculty can

self-issue, self-Return and self-renew books in the library using their I Card or SVV Net Id. Online Journals (e-Resources) of N-List were subscribed which include 6000 e- Journals and 31,35,000 e-books. The N-list project provides access to e-resources to students, researchers and faculty from colleges and other beneficiary institutions through server(s) installed at the INFLIBNET Centre Ahmedabad. The library organized two book exhibitions, orientation program for first year students and a workshop for postgraduate students for use of N-List database. A session on effective use of E-resources for Enhancement of Research was also conducted for faculty and students. In order to inculcate an interest for reading, a talk by Mr. Amrut Deshmukh, founder of "Booklet" app was organized. ICT Cybernetyx interactive boards, five in number were added to improve the delivery of lectures. Physical Infrastructure / Instrumentation : A new course has been introduced in M.Sc.(Chemistry) in Polymer Science for which a new classroom with projector and white board has given . Schrodinger software for molecular modeling and drug designing and material research was installed in September 2018. It will be used for Research at both undergraduate and postgraduate level .Maths and Statistics used a combined lab, now Stats has a separate computer lab since M.Sc. (Stats) was initiated. Language Lab was set up for F.Y.B.Com. students. CAP room was renovated and a bigger room was allotted next to exam cell. A laptop each was given to Commerce Department Teachers.

Human Resource Management

Implantation of new HR software has enabled us to offer Individual Log In account to all employees to avail following services: Benefits for Employees: 1. Online submission of leave application 2. Online Leave record 3. Online salary slip 4. Online view of earnings and deductions for the entire financial year at a glance 5. Online biometric record of individual employee Benefits for Office Administration: 1. Online generation of Salary Musters 2. Online generation of Form no. 16 3. Online leave record of individual employee 4. Online biometric

	<p>record of individual employee 5. No printing of salary slips as it is available for employees in their individual account</p>
<p>Industry Interaction / Collaboration</p>	<p>Industry academia interaction and collaboration is one of the most critical factors that ascertain the improvement in overall quality of any institute. We had adopted three pronged strategies to make the best out of it Internship/Project work/Training, Exchange program, and Collaborative studies. Students of Masters Degree from different departments were enrolled for either Internship, or Project work, or Trainings at various organizations throughout the country. Our faculty and research students derived benefits from the MoU signed with Universities wherein student / faculty exchange program helped both the benefactors immensely. While agreement signed with Organization / Research Centre not only provided boost to our ongoing research work, but offered job opportunities to the students involved at these Centers, some of which are based overseas.</p>
<p>Admission of Students</p>	<p>Over the years the process of giving admission to undergraduate courses has seen great many changes. From paper to online admission. Online admission has helped college to do admission process in a transparent manner. It has helped to reduce the hardship faced by parents and students who were required to visit all colleges for admission. By online admission the students can fill the pre-admission form online and pay the form fees online. This way they are required to visit the college only once when they figure in the merit list and submit all required documents together. Online admission also has reduced the manpower the college had to arrange for distribution of forms and collection of university pre-enrollment form before the admission process actually begins.</p>

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

E-governance area	Details
<p>Administration</p>	<p>Online Initiatives for Office Activities 1. Online Generation of Students Register 2. Use of online recruitment module for recruitment under unaided section 3. Online generation of Transfer Certificate</p>

	<p>Online initiatives For Students 1. Online railway concessions form submission 2. End to end Online admission for Inhouse Students of S.Y amp T.Y. B.Sc /B.com 3. Online Admissions for First year students.</p>
Student Admission and Support	<p>Online admission has certainly helped students to reduce the number of visit a student has to make to complete their admission process. In future college is planning to make admission process of second year and third year of their graduation as well second year of masters online and payment of fees also online. This will help students who have gone on their vacation also to procure admission from which ever place they maybe as eligible students will get intimation on their registered mobile number. This has also reduced the teaching faculties involved on admission process. This change certainly will support those students who undertake internship during vacation to enhance their learning and their portfolio.</p>
Examination	<p>Following processes were automated • Attendance and signature sheets for each block • Daily absentee report of the exam • Session wise supervision list • Statistical analysis of the result • Hall tickets for regular and ATKT exams • ATKT forms • Codes for the answer papers • Report to be submitted to the CAP • Blank mark sheets for regular as well as ATKT exams • Generation of the student's data according to the department / class Web based application for generating reports, entering the marks.</p>

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Namrata Nagwekar	Conference on Role of Statistics in Clinical Trials	NIL	2500
2018	Ms. Ranjana Shukl	One day workshop on Moodle for teachers	NIL	400

2018	Ms. Smita Survase	Recent Trends in photonic, Smart and nanomaterials	NIL	1400
2018	Mr. Chinmay Khanolkar	Diploma in Innovation Management	NIL	35000
2018	Dr. Archana Padgaonkar	Government of India approved Certificate Course on Cyber Security and Ethical Hacking	NIL	3250
2018	Anushree Sukhi	One day workshop on Moodle for system administrators	NIL	400
2018	Mrs. Supriya Janbandhu	My Earth 2050-Sustainable Habitats for Co- Existence	NIL	750
2018	Mrs. Meena Patankar	Extraction and isolation of phytoconstituents	NIL	3000
2018	Jayesh Bhagat	LTMT Teacher training programme on toxicology	NIL	500
2018	Jayesh Bhagat	Integrating applied bioinformatics in undergraduate life science education	NIL	1180
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Demonstration of Plickers as an ICT based tool for	NIL	25/06/2018	03/07/2018	90	0

	Assessment					
2018	Workshop on RBPT	NIL	23/11/2018	24/11/2018	27	0
2018	NIL	Workshop on Maintenance of Laboratory Instruments (Under Star DBT Scheme)	13/02/2019	16/02/2019	0	42
2018	Voice Culture	NIL	25/09/2018	25/09/2018	25	0
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Zoology - Short Term Course	1	12/06/2018	16/06/2018	5
Statistics - Orientation Program	1	08/10/2018	02/11/2018	26
Refresher course in EVS , HRDC Gujarat	3	28/05/2018	17/06/2018	21
Effective Use of ICT in Science Education	3	24/09/2018	13/10/2018	20
Refresher course in Material Science, central University Hyderabad	3	17/01/2019	06/02/2019	21
Induction Programme under MHRD at CoESME, IISER Pune	1	01/05/2018	26/05/2018	26
Field training for Graduate/Post graduate Geology Teachers at Chitradurg by GSITI, Hyderabad	1	10/06/2018	16/06/2018	7

Spatial and Graph Databases: Data Modelling, designing and Query Processing	2	15/01/2019	20/01/2019	6
Orientation programme in Law	1	14/02/2019	13/03/2019	28
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
NIL	Book grant scheme- Rs. 46082/- (30 beneficiaries)	Financially backward students are allowed to pay their tuition fees in installments.

6.4 – Financial Management and Resource Mobilization

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

<p>The college accounts are audited at different levels viz. Internal Audit, Statutory Audit, Audit by the office of the Joint Director, and audit by the officer of the Auditor General. The internal and statutory audits are conducted on the basis of audit guidelines issued by the ICAI with respect to assessment of internal control procedures, systems and reporting. Periodic reports (half-yearly) are submitted to the management and college.</p>

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Experts from different Institutions	No	
Administrative	No		Yes	Management

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

1. First Year Students Parent Teacher Meet 2. A Counseling session On Effective Parenting by Mr. Rajesh Kamath, Chanakya Consultant, Facilitator and Coach 3. Parent Teacher Meet for S.Y.B.Sc./ S.Y.B.Com. and T.Y.B.Sc. / T.Y.B.Com.

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

1. Workshop for Nonteaching staff –“Befriend Computers” 2. Workshop on “Laboratory Maintenance” in collaboration with Western Regional Instrumentation Center 3. Workshop on Paperless office by Dr. Keyaa Mukherjee, Office Superintendent Maniben Nanavati women’s College.

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

1. Training of teachers in Flip Class Pedagogy, RBPT 2. Unnat Bharat Abhiyaan 3. Gender Audit 4. E-waste Management

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on CAS	25/09/2018	25/09/2018	25/09/2018	13
2018	Workshop on Internship Evaluation	31/10/2018	31/10/2018	31/10/2018	64
2018	Workshop on RBPT	23/11/2018	23/11/2018	24/11/2018	24
2018	Befriend Computers	04/01/2019	04/01/2019	04/01/2019	21
2018	Workshop on MOODLE	03/05/2019	03/05/2019	03/05/2019	25
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender sensitization by Mrs Sadhana Bhatkhande, CDO, KEM Hospital organized by	30/07/2018	30/07/2018	49	16

Department of Business Communication				
Gender Sensitization'by Mrs.Ranjana Karoor, Counsellor with Bhartiya Stri Shakati organized by Chemistry department	23/03/2019	23/03/2019	35	15

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

Percentage of power requirement of the University met by the renewable energy sources
We have installed solar panels of 50kW capacity. The amount of energy generated annually is 65000 to 70000 units approximately.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	8
Ramp/Rails	Yes	8
Rest Rooms	Yes	8

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	15/06/2018	270	Awareness for Food Adulteration	Food safety, hygiene and different techniques to detect adulteration. Kits and flex were prepared by S.Y.B.Sc. Chemistry students.	343
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

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

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

Green cover has been established in the campus as botanical garden. Various medicinal and ornamental plants are cultivated.
Green audit is periodically practiced to monitor the green coverage. Collection of E-waste drive is conducted every year in collaboration with NGO ECO ROX.
The waste generated throughout the campus is collected and is converted into biocompost. Organic fertilizer produced in this manner is used for organic terrace farming.
The sewage water is recycled and used for irrigation in the campus.
Phytoremediation is practiced to treat the water contaminated with chemicals.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>1) Appreciation of teachers for Long Service. Institute appreciates the commitment of the faculty members for devoting a long span of their life to the Institution. Mementos are awarded to the teachers for their long service every year on the occasion of Teacher’s day. This strengthens the rapport between the institute and the teachers, and opens avenues for a positive future relationship with the faculty. 2) Best girl student award and best overall student award. In order to appreciate the efforts, undertaken by the students to achieve their academic endeavors, the institute recognizes and offers awards as best girl and best overall student award. The rationale is to motivate the students to focus on academic excellence along with progress in co-curricular and extra-curricular activities leading to their holistic development. 3) Awareness session for females on personal hygiene. Institute recognizes the role of a woman in society and in order to practically implement the principles of personal hygiene and development, institute conducts a number of lectures, orientation sessions for female students. This not only enables the students to become aware about the importance of health and hygiene but also facilitates the provision of career prospects in health and hygiene related sectors. 4) Beach cleaning post Ganesh-visarjan. Institute is located in urban Mumbai and Ganesh visarjan is a major event celebrated by the local population..As an experiential learning activity, the students undertake campaign to clean beach after Ganesh-visarjan. The intention is to create awareness among the general public about the hazards of the waste generated by the public on the beaches and the impact on the flora and fauna in the vicinity of the beach. A positive concomitant benefit of this activity is that it inculcates a sense of belonging for the society and the environment in the minds of the students. 5) Registered health post on the Campus. There is a presence of a health post on the Campus where the students can avail the facility for medical assistance as per the requirement. This is to facilitate the provision for providing medical assistance to the students as an when required as per the guidelines. 6) Academic Audit. Institute believes in consistent evaluation by the respective stakeholders from different domains and the implementation of their suggestions for achieving higher benchmarks in the journey of academic excellence. In order</p>

to monitor the progress of the institute, annual Academic Audits are being conducted. Senior academicians in a team visit the different departments of the institute and evaluate the activities as per the guidelines. Suggestions and recommendations given by them are meticulously incorporated in the action plan and consistent efforts are taken to fulfill the activities to achieve the higher benchmarks in academics. 7) RiIDL chapter (Innovation and incubation center) Recently there has been considerable attention to innovation and the Institute started a RiIDL chapter in collaboration with RiIDL at the campus level. RiIDL is Research Innovation Incubation Design Laboratory a central facility at the campus level which serves as a platform for the students to showcase their innovation and provides the assistance for start-ups. RiIDL chapter will serve the role as a mediator for the correspondence with the RiIDL. Different students from Commerce and Science streams, gather and exchange innovative ideas at RiIDL chapter at the institute level. 8) Results are declared on time. Institute undertakes the examinations on behalf of the University of Mumbai and declares the results on time. Examination cell prepares the timetable in order to conduct different examinations. CAP (Centralized Assessment Program) committee facilitates the assessment of the answer books as per the guidelines. A synergy between the Exam cell and the CAP enables the institute to declare the results on time. Declaration of the results on time enable the students to apply for further studies well before the respective deadlines. As an Autonomous institute, all the necessary steps are undertaken to complete the assessment before time and declare the results on time. 9) Implementation of different teaching-based pedagogies. Institute believes in consistent empowerment of the faculties. Different workshops, induction programs are conducted to train the faculty members to learn and implement ICT-based teaching, learning and assessment methodologies. There has been a considerable increase in the number of the faculty members adopting ICT-based teaching, learning and assessment methodologies. This not only facilitates online academic transactions but also minimizes the use of paper and permits convenient data retrieval. 10) Projects at UG level (STAR College). Financial assistance offered under the DBT STAR scheme had a significant positive impact on the undergraduate education. All the Science Departments (11 in all) were provided with the financial assistance, which was implemented in the form of Research projects, workshops, educational visits. The intention was to inculcate scientific temperament in the mind of undergraduate students and motivate to pursue knowledge beyond the scope of syllabus.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://kjssc-sr.s3.ap-south-1.amazonaws.com/IOAC/Best+Practices/Best+Practices+2018-2019.pdf>

7.3 – Institutional Distinctiveness

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

The Institute is progressive with the following goals and objectives: • To build a strong Academia-Industry bridge. • To provide flexibility in the courses offered and proactively adapt to the changing needs of students and the society. • To establish a center for multidisciplinary activities. • To mould individuals who would nurture the cultural heritage of our country and contribute to the betterment of the society. In an effort to strengthen the objective of preparing the students for the industry, the postgraduate students were motivated and encouraged to successfully complete their internships in various industries and research Institutes of great repute. Many of them worked on projects of social relevance, while others got a hands-on experience of working as interns adding to their prospects of employment. The Institute also

ensured the induction of the undergraduate students into research by involving them in small projects under STAR-DBT grant. The teachers were trained in the Research based pedagogical tools and many of them implemented the same in their classrooms. Institute consistently strives for up-gradation of the basic infrastructure required to progress and excel in the fields of research and development. In addition the academic standards were raised by faculty adopting new pedagogies of delivering the curriculum to ensure the learners keen interest and enthusiasm to upgrade oneself. In order to inculcate values of truth, respect, faithfulness and liberty a course in Value education: 'Sanskaar' was also initiated. Along with the above mentioned values, different programs are provided on stress, disaster and time management. Students are taught the importance of yoga, meditation and introspection. Continuous mentoring of student and motivational guidance is provided at every level. They are provided psychological assistance through actively functional counseling cell. The needy students are given timely help through the counselor. The institute tries to have all its policies in accordance with the values. To provide the programs of high demand to its students, the Institute in this academic year 2018-19, initiated M.Sc in Statistics and has got enrollments to the full capacity in its very first year reflecting the trust of the stakeholders in the quality of education provided by the Institute. It has been an opportunity to offer several elective courses in addition to their core programs. Institute considers the demands of the current global scenario and accordingly designs the curriculum for the ultimate stakeholders. The Institute has always strengthened the holistic development of the students in the vocation of their choice, paralleled to the vision of the Institute. In coherence with the objective of contributing to the betterment of the society, the Institute enrolled itself for the UNNAT BHARAT ABHIYAN, the flagship program of Government of India. Under this initiative, it adopted five villages in the Dahanu district, Maharashtra and with the involvement of the faculty and more than about 50 students has surveyed the villages and in the coming years will undertake the implementation of projects based on sanitation and health awareness. Thus, the Institute stands out on the map of education with distinctiveness.

Provide the weblink of the institution

<https://kjssc-sr.s3.ap-south-1.amazonaws.com/IQAC/Institute+Distinctiveness/Institutional+Distinctiveness+2018-2019.pdf>

8.Future Plans of Actions for Next Academic Year

- Paperless administration
- Complete online admissions for all classes
- Promoting Start-Ups by students
- Social Outreach programs
- Gender Audit
- Biodiversity Park