



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	M. S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE
Name of the head of the Institution	A Nagarathna
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	080-23607858
Mobile no.	9980066012
Registered Email	iqac@msrcasc.edu.in
Alternate Email	principal.msrmasc@gmail.com
Address	M S Ramaiah College of Arts, Science and Commerce, MSRIT (PO), M S Ramaiah Nagar
City/Town	BANGALORE
State/UT	Karnataka

Pincode	560054																														
2. Institutional Status																															
Affiliated / Constituent	Affiliated																														
Type of Institution	Co-education																														
Location	Urban																														
Financial Status	private																														
Name of the IQAC co-ordinator/Director	Mrs. Karanam Kavitha																														
Phone no/Alternate Phone no.	08023600966																														
Mobile no.	9448346404																														
Registered Email	iqac.msrmcasc@gmail.com																														
Alternate Email	karanam.kavitha@gmail.com																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	https://www.msrmcasc.edu.in																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.msrmcasc.edu.in																														
5. Accreditation 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 Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>75.25</td> <td>2004</td> <td>16-Sep-2004</td> <td>15-Sep-2009</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.11</td> <td>2009</td> <td>30-Sep-2009</td> <td>29-Sep-2014</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.06</td> <td>2015</td> <td>03-Mar-2015</td> <td>02-Mar-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B+	75.25	2004	16-Sep-2004	15-Sep-2009	2	A	3.11	2009	30-Sep-2009	29-Sep-2014	3	A	3.06	2015	03-Mar-2015	02-Mar-2020
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2	A	3.11	2009	30-Sep-2009	29-Sep-2014																										
3	A	3.06	2015	03-Mar-2015	02-Mar-2020																										
6. Date of Establishment of IQAC	01-Oct-2005																														
7. Internal Quality Assurance System																															
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																													
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Establishment of SWAYAM-NPTEL local chapter for online courses	14-Nov-2018 1	1346
National Seminar on New Methodology of A & A of NAAC	11-Apr-2019 1	285
Online Feedback from stakeholders	04-Apr-2019 4	2112
NIRF Ranking	22-Oct-2018 8	98
AAA , Green audit, quality audit	15-Mar-2019 3	98
Orientation on AQAR preparation and compilation	05-Jun-2019 1	98
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8. Provide the list of funds 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
NIL	NIL	NIL	2019 0	0
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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 :

5

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)

ONE DAY NATIONAL SEMINAR New Methodology of Assessment Accreditation by NAAC
Issues and Challenges held on 11/4/2019

One Day Quality Improvement Program on "Use of ICT in Teaching, Learning and
Evaluation" on 18th February 2019

The student development program in association with DISHA has been successfully
organized.

Learning Management System

Online Feedback, 360degree feedback, analysis of feedback and reporting to the
concerned authority. Feedback on various events at the department level is
encouraged to improve the activities for the next level.

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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
IQAC motivated the departments to undertake MOU's to conduct various activities., internships and other activities	More than 8 MOUs has been signed by the institution along with the departments for organising various activities, like research, value add courses, workshops etc. MOU with companies for internships and certificate / value add courses has been undertaken successfully.
Meticulous preparation of budget by all the departments.	Helps the management in identify the expenses, for which the budget has to be approved
Initiated add on course and workshop/ seminars and guest lectures	Department have conducted more than 8 value add/ certificate courses, more than 12 workshops and seminars has been conducted in relation to research and upgrading of skills for students and faculty
Conduct various types of Audit	IQAC has conducted Academic Administrative Audit with internal and external members. Green audit, quality audit, environment audit has been conducted as an initiative of IQAC
Feedback from all stakeholders	IQAC has collected feedback from various stakeholders and analysis of the same is reported to the concerned authority for necessary action.
IQAC initiated to take extra coaching, remedial class for advance learners and slow learners	The departments have successfully conducted coaching and remedial class during the year, the outcome of this effort is reflected through 83.16% of

	over result, with highlights of 11 University ranks and 29 Centum scores.
IQAC calendar	Includes list of activities relating to academic and quality enhancing programmes
Academic plan	Students are informed about activities, examinations and holiday in advance, hence the students can plan their academic preparations well in advance
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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	11-Sep-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	26-Feb-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The institution has taken the overall Management Information System (MIS) support from Campus. Technology for various academic activities. Following modules have been covered under MIS: 1) Admission: Admissions application forms are available on the website. Admissions begin with 75 cut off. Priority will be given to the students with merit as well as category. MSRCASC is affiliated to the Bengaluru Central University, hence the admitted student list will be sent for approval through online mode. Students also have to provide all the documents for verification in online mode to the University for Final List of approved students studying in the institution. 2) Attendance Management: Attendance is managed automatically through ERP software. Sending bulk SMS options to</p>
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students on circulars and notices regarding various activities of the departments and institution is also managed. 3) Finance and Accounting: Fees are paid online, the majority of payments happens online. University examination fees, approval fee is also remitted online. Finance and Accounting functions are executed with Tally ERP 9. Salary payslips are sent to the concerned staff email ID. 4) Lesson plan and work diary: Teachers will upload the lesson plans at the beginning of the semester and work diary every day through ERP software. This can be checked and verified by the head of the institution on a regular basis. 5) Submission of online assignment: Students have the option to submit the assignment online through the software. Online courses are also made available to the students in the software. 6) LMS and Study material: Faculty will upload learning contents, PPTs, Videos, and other materials in the software, which students can view through the mobile app. 7) Managing and mapping POs and COs: POs and COs of all the programs and courses are available in ERP and their attainment and mapping is done through the software. Internal exam marks are entered by the faculty online into the University portal. 8) Alumni engagement: The website provides an option to enroll in the alumni association through the online form. 9) IQAC monitoring: Faculty has the option to upload the certificate of proof for attending any seminar, conference, and publications in journals and conference proceedings in the software, to build the personal profile of each faculty and department profile. IQAC will monitor to approve the contents uploaded by the faculty after verifying with the certificate produced to IQAC. It also helps in extracting the annual reports of each department and the institution through the software. 10) Feedback analysis: Feedback from various stakeholders are collected, analyzed and computed through online mode. Outcomes of feedbacks are communicated to the competent authority for needful action and the same is displayed on the website of the institution.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Institution caters to the needs of young minds in their formative years of learning and career building. The Curriculum is designed by Bangalore Central University to achieve academic excellence & professional competency. The Academic Year commences with an Orientation Programme to the all-new batch of students who get to know about the curriculum and academic life in the College.

The Academic Council of the Institute consists of the Principal, Heads of Departments, and IQAC. All curriculum-related activities and preparation of the Academic Calendar, planning of programs for curriculum enhancement are taken up by this committee, which also strives to achieve efficient and effective curriculum planning and implementation. The curriculum planning and delivery flow are as follows:

- Academic Calendar of events is prepared by the Committee set up for the purpose, which takes into consideration National, State and local holidays.
- Calendar of Events comprises of the plan for Field projects, Internships, and dissertations. Lectures are also scheduled with the objective of connecting the requirements of industry and academics.
- Orientation program is scheduled to provide an insight into higher education and also bridge the expectations in the mindset of newly inducted students for the program concerned.
- Time-Table & Calendar of Events Committee of the College is in charge of Timetable. It prepares time table at Department level - teacher-wise, class-wise which includes Bridge courses, slots for core papers, elective papers, soft skills, project work, seminars, guest lectures, Mentor-Mentee activity and Remedial classes of the various departments as a matrix structure.
- The Timetable includes class timetables, Programme Outcomes (POs) & Course Outcomes (COs) of all programs that are well defined and disseminated to all stakeholders. Progress of the syllabus coverage and course delivery are obtained from the faculty through the Lesson plan.
- Eminent Academicians & Industry Experts are invited for delivering lectures on current trends in the economy related to curriculum.
- Different Teaching Methods & Pedagogy such as Chalk and Talk method, PPT presentations and ICT enabled methods are adopted. These initiatives and methodologies have yielded excellent results and the progress graph has been peaking over two decades
- During the semester, two Internal Exams are conducted. These internal assessments keep the students abreast of the subject, making their learning process easy and stress-free. For programs with practical exams, a mock practical exam is conducted prior to the Final exams.
- Taking feedback from different stakeholders like Students, Teachers, Parents, and Employers on Curriculum and discussion by the Head of the Department with the subject teacher to address issues facilitates appropriate actions
- Planning for curriculum enrichment courses through add on and value-added courses and training modules to fill in curriculum gaps between industry and academia.
- Training of teachers for new courses through Orientation Programs, Faculty Development Programs and Online courses for teachers under NPTEL
- The academic & intellectual edifice of the Institution rests on the Institution library which is a depository of all knowledge and information to the faculty and students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
0	0	Nil	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	nil	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Psychology	01/06/2018
BBA	General	01/06/2018
BCom	General	01/06/2018
BCA	General	01/06/2018
BSc	Biotechnology	01/06/2018
BSc	Genetics	01/06/2018
BSc	Electronics	01/06/2018
MSc	Microbiology	01/06/2018
MSc	Biotechnology	01/06/2018
MSc	Organic Chemistry	01/06/2018
MSc	Biochemistry	01/06/2018
MBA	General	01/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
Bacterial Proteimics	06/03/2019	52
MS Excel	20/07/2018	31
Perfect stroke for bright future	10/07/2018	24
Hindi Seekho	11/07/2018	26
MS Word	03/08/2018	35
PCR Techniques	27/03/2019	33
Python	01/09/2018	18
Pashya Samskritam	12/08/2018	17
Signal Processing	02/03/2019	22
Vedic Maths	11/01/2018	30
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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
BBA	General	53
BCA	General	4
BA	Psychology	21
MBA	General	129
BCom	General	7
MSc	Microbiology	10
MSc	Biotechnology	14
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

M S Ramaiah College of Arts, Science, and Commerce is affiliated to Bangalore Central University, the role of the institution in curriculum design is minimum. IQAC plays a fundamental role in feedback collection from various stakeholders Students, Teachers, Alumni, and Employers. Reporting the analysis to the competent authority for appropriate action. IQAC plays a significant role in the planning and execution of the curriculum through introducing value add / certificate /hands-on training to the students so as to make them competent in the changing market scenario. Feedback on curriculum has been collected and analyzed on each of the form separately has been submitted to the Principal during the Academic Council meeting held on 22/4/2019 date. 1. Student Feedback IQAC has collected structured feedback from students regarding curriculum design and delivery through an online questionnaire. Eight variables are identified and students are asked to mark their responses in the five-point scale. The responses were received from 1223 students on subject knowledge from the course, updating of course content, library materials being updated with the syllabus, size of the syllabus, the sequence of units in syllabus and integration of course contents with industry requirements. In conclusion, students are happy with the curriculum and their responses have highlighted the relevance of course contents with the knowledge that the students have gained. 2. Teachers Feedback. The analysis of the teachers' feedback reflects the adequacy and availability of teaching-learning facilities. The feedback from the teachers revealed the validity and adequacy of the syllabus. Various suggestions related to the modifications in the curricular content are noted and reported to the Academic Council for the better overall improvement of the institution and for further necessary action. 3. Alumni Feedback The contribution of alumni to the activities of the institution is substantial especially in the design and development of the curriculum which in turn helps in the Institution profile. IQAC is instrumental in collecting feedback from various stakeholders on the relevance of the curriculum prescribed by the

university. 4. Employers feedback Employers' feedback is obtained from recruiting agencies/ special corporates with the help of a structured online questionnaire. The objective of this feedback is to collect the current inputs as required by the industry from time to time. It was evident from the feedback that 100 of the employers strongly agree that the candidates graduating from the institution who are employed in their organization have good employability skills required for them. 5. Parents Feedback Feedback from parents allows the Institute to evaluate its service provision and thus cater to providing excellent service towards the student's progression. Parents feedback plays a very important role in the development and enhancement of the quality of the Institution. The feedback analysis process has put an increasing emphasis on the need for involvement of parents in the quality assurance of excellent education.

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	BIOCHEMISTRY	15	35	15
MSc	MICROBIOLOGY	35	76	32
MSc	BIOTECHNOLOGY	45	73	41
BSc	GENETICS	60	107	57
BSc	ELECTRONICS	40	80	39
BSc	BIOTECHNOLOGY	160	185	160
BCom	NA	200	445	197
BBA	NA	180	315	179
BA	PSYCHOLOGY	40	109	40
BCA	NA	80	158	80

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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	2257	328	73	22	95

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
95	95	3	32	Null	6

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

The main objective of the mentoring system is to provide support and to counsel students in their academics and personal problems if they have. Through this system, we monitor the progress of the students on all fronts, especially in academics. All the teaching faculty members in all the departments are the proctors for a group of 30-40 students. Each proctor acts as a local guardian/mentor/guide to solve the academic problems of the students allotted to them through proper channels until they complete their courses. Proctor monitors his/her attendance progress, test marks, results of the examination conducted by the university through student information records which include the entire student's profile, the performance of the student in each semester till the completion of the course, and the same is verified by auditors during AAA. Proctors will also take care to monitor the attendance of the student periodically, if the student is found to be irregular consistently, the proctors will counsel the student and also see that information reaches the parents of the student. The Institution encourages parents to be in regular contact with proctor/chief proctor/HOD/Principal of the college. Attendance and internal marks will be displayed on the notice board of the respective department regularly. If student performance is not up to the mark, proctors arrange for remedial classes for the improvement of the performance of the student in the coming test/semester examination. Principal along with chief proctor, HODs and proctor conduct regular meetings with respect to the Proctorial process. Regular meet of and Mentee will be held on every month last Saturday. In this regular meeting the students problems will be identified and proper suggestions both academic and personal proper counseling sessions will be done by the counsellor of the Humanity department. Periodical PTA sessions also held in every semester to update the performance of students to the guardian. The Mentor mentee meeting will be held every month last Saturday to counsel the students. The regular meeting helps the students to understand the problems faced by students both academic and personal problems. Meeting and counseling help the students to interact with the meet with a free mind. Encourage the mentee to share their academic problems in front of the guardian to make the mentee feel comfortable zone with the parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2578	95	1 : 26

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
101	95	Nil	21	29

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.M. Lakshmipathi Naidu	Assistant Professor	Emerging leader in Management
2018	Dr. M .Ramakrishna	Assistant Professor	Best Paper Award
2019	Dr. Vinutha	Assistant Professor	Subject Matter Specialist
2018	Dr. M. Manjunath	Assistant Professor	Best Oral Presentation
2018	Dr. Radha Dauandi	Assistant Professor	Best paper award
2018	Dr. Harish	Assistant Professor	Best Paper - Oral /Poster

2019	Dr. Nirmala Devi	Assistant Professor	Best Paper
2018	Mrs. Haripriya	Assistant Professor	Best paper
2019	Dr. Pushpa H	Associate Professor	Emerging Leader in Science
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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
BCA	RC18	I SEMESTER	26/12/2018	25/02/2019
BCA	RC18	III SEMESTER	12/12/2018	25/02/2019
BCA	RC18	V SEMESTER	08/12/2018	25/02/2019
BA	A18	I SEMESTER	29/12/2018	25/02/2019
BA	A18	III SEMESTER	22/12/2018	25/02/2019
BA	A18	V SEMESTER	08/12/2018	25/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

MSRCASC follows the guidelines of the affiliated university and conducts the Internal Assessment as per the University norms. According to the University norms, the Internal Assessment and External Assessment marks ratio is 30:70. While the University conducts examination for the external assessment, the college conducts the internal assessment. Summative Assessment is conducted for 20 marks, where students are evaluated twice in a semester and average marks are taken into consideration. Formative Assessment is part of the teaching-learning process, and the students are judged by various methods based on the teaching outcomes of the subject. Some of the methods used by the college are • Seminars • PowerPoint Presentations • Case Studies • Field Visits • Live Projects Internal Assessment Tests ? The college calendar of events specifies the dates for the Internal Assessment Examination. ? The institute has constituted two different Committees to organize and conduct both internal examination and external/University Examinations ? Students are intimated through circulars, notice boards and messages on college digital apps. ? A minimum of two examinations are conducted and the average marks of the two examinations are taken into account. Marks are intimated to the students through a digital application used by the college. ? COs and POs are attained after IA test marks are entered into the college ERP system. College Initiated Reforms in Testing Methods ? Each Department has its own structured format for the question papers and a structured scheme to evaluate the test papers. ? Generally, the question paper pattern will be similar to the University Question Paper Pattern so as to help the students. ? Some of the Departments conduct open book tests. ? Students are also given Multiple Choice Questions ? Field Visits or Industrial Visits are carried out in groups and assignments are given to the teams. This encourages collaborative work where the students write reports in groups. Bangalore University and Bangalore Central University have given the guidelines of the breakup of the 30 marks and 50 marks to be awarded as internal assessment.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar is prepared by the institution for undergraduate and postgraduate courses before commencement of every semester and consists of commencement of instructional activity, tentative schedule of CIE examination, and also of End-semester practical and theory examinations, review of the performance of CIE, schedules of the seminar, project work and various activities. The academic calendar is the backbone of various teaching-learning plans prepared before the start of every semester. Time tables are prepared by each department and the calendar of events such as workshops, seminars, interclass competitions etc at the beginning of each semester. Subject loads are allocated to faculty members well before in advance so that they could make the semester plans. Every faculty member prepares the lesson plan for each theory and laboratory courses before the start of the semester. Regular staff meetings are conducted to ensure adherence to the schedule given in the academic calendar. The Internal Examination Committee conducts a meeting to plan the dates for the Internal examination. The timetable is prepared as per the schedule and the teachers are supposed to submit the question papers to the concerned committee before the commencement of the internal examination. The Summative Assessments are generally done in the form of written tests on the topics taught every 45 days of the semester. The faculty is free to choose the method to assess their students. The tests could be an MCQ, descriptive test or a combination of both. Even open book tests are conducted by certain subject teachers. The college has an excellent work culture and therefore it seldom faces any difficulties in completing the curriculum within the planned time frame of the calendar. Remedial classes for slow learner students at the end of the semester to improve the academic performance of the students. In remedial classes faculties make students know the subjects where the students are finding it difficult and making them understand the subjects is easy methods and individual attention will be given to slow learners. During the Mentor mentee meeting, the students are informed about their performance in the internal exams and suggested for remedial or extra classes. The Mentor mentee meeting is scheduled to last Saturday of every month. The mentor and mentee meeting will be arranged and this meeting helps the students to come out of the problems by share with their mentees. Personal counseling sessions are also part of mentor-mentee meeting

2.6 – Student Performance and Learning Outcomes

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

https://www.msrtcasc.edu.in/uploads/2020-03/Cos_and_Pos_of_UG_and_PG.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
MB1	MBA	General	51	51	100%
MR18	MSc	MicroBiology	32	32	100%
BT18	MSc	BioTechnol ogy	39	39	100%
S181	BSc	Computer Science	26	18	69.23%

S181	BSc	Genetics	54	51	94.44%
S181	BSc	BioTechnology	126	113	89.68%
C18	BCom	General	183	135	73.77%
B18	BBA	General	148	105	70.94%
A18	BA	PSYCHOLOGY	26	24	92.30%
RC18	BCA	General	68	65	95.50%
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2.7 – Student Satisfaction Survey

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

<https://www.msrtcasc.edu.in/uploads/2020-03/SSS%20analysis%20-new.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
Nil	0	nil	0	0
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3.2 – Innovation Ecosystem

3.2.1 – 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
Research Methodology Basics of Chromatography Techniques	Chemistry	10/11/2018
Workshop Conventional Microbiological Techniques in Research	Microbiology	24/09/2018
Work shop ENTREPRENEURSHIP AND ETHNIC MINORITIES WORKSHOP	Commerce	15/12/2018
Seminar on Writing Research Proposal	IPR Cell	25/03/2019
Seminar on Advent of Digital Marketing in Business	Management	02/08/2018
Seminar on Research Aspects Involved in Extraction of Valuable Metals from e-Waste	Chemistry	08/10/2018
Faculty Development Program on Intellectual Property Rights	IPR Cell	17/12/2018

Seminar on New Research Methodology in Analysis of Bio-molecules	Chemistry	16/03/2019
Seminar on Latest technology in industry	Computer Science	07/07/2018
Seminar An overview of Intellectual Property Rights (IPR) with referral to Academic Property	IPR Cell	08/01/2019
Workshop on Quilling or paper filigree	BA	10/09/2018
Seminar on Startup Idea Generation	BBA	20/03/2019
Skill Development Programme Detergent, Phenyl and perfumes Preparation	Chemistry	11/10/2018
EDP: Entrepreneurship Opportunities in Fermentation Sector	Biotechnology	12/03/2019

3.2.2 – 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
0	0	0	Nil	0
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3.2.3 – 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	Ramaiah - GIGA Incubation Center	M S Ramaiah College of Arts, Science and Commerce	NIL	NIL	20/02/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Life Science	8	2.9

International	Life Science	3	2.0
International	Microbiology	1	4.68
National	Kannada	1	0
International	Hindi	4	0
International	Electronics	2	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Microbiology	14
Biotechnology/ Genetics	21
Chemistry/ Biochemistry	13
Commerce	1
BBA	1
Computer Science	6
Hindi	4
Mathematics	1
Kannada	1
No file uploaded.	

3.3.5 – 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
Forces drive basement membrane invasion in Caenorhabditis elegans	Dr. Naga gireesh Bojanala	PNAS	2018	5	Laboratoire Physico-Chimie Curie, Institut Curie, PSL Research University, CNRS, 75005 Paris, France Sorbonne Université, 75005 Paris, France	6
View File						

3.3.6 – 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	Institutional affiliation as mentioned in
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JCRT	Dr. Vasanta K Bhaskara	Journal of Cancer research Terapy	2019	30	Nil	MSRCASC/RMH
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	43	3	8
Presented papers	5	8	1	Nil
Resource persons	Nil	Nil	2	Nil
No file uploaded.				

3.4 – Extension Activities

3.4.1 – 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 Day of Yoga (IDOY) – 2018	NCC/YRC	7	32
Visit to Abhalashrama	Women Cell	8	6
Orphanage Visit	B.Com. EMCs through NSS/YRC	8	43
Tree Plantation	Rotary club ,Vidyaranyapura	4	80
Blood donation camp	Victoria Hospital and Aster CMI Hospital	7	89
First Aid and Disaster Management Training Program	NSS/YRC	10	30
Idea Conclave for better Bengaluru-2018	NSS/YRC	9	69
Afforestation -Planting activity	NCC/YRC ,Rotary club, Vidyaranya pura	5	120
Pulse Polio Immunization Programme - 2019	NSS/YRC	8	45
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3.4.2 – 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
Educating Govt. School Students on Computers	Certificate of appreciation	Hesaraghatta Gram Panchayat (Local Govt. body)	9
View File			

3.4.3 – 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
Public health and Hygiene	NSS/YRC	Waste Segregation Data Collection	6	89
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange	Dr. VijayaKumar Reddy	MSRCASC	1
View File			

3.5.2 – 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
0	0	0	Null	Null	0
No file uploaded.					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
The Institute of Cost Accountants of India (ICAI - CMA)	25/03/2019	Impact of GST on Indian Economy	100
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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development

237

220.32

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSOFT 9.8.0	Fully	9.8.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19451	5540056	1407	769954	20858	6310010
Reference Books	3570	2781961	9	13169	3579	2795130
e-Books	Nill	Nill	190	106200	190	106200
Journals	68	231047	Nill	Nill	68	231047
e-Journals	2	238472	2	154657	4	393129
Digital Database	2	22070	Nill	Nill	2	22070
CD & Video	436	Nill	39	Nill	475	Nill
Library Automation	Nill	Nill	1	12000	1	12000
Weeding (hard & soft)	956	Nill	Nill	Nill	956	Nill
Others(s pecify)	59	1158727	Nill	94178	59	1252905
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
nil	nil	nil	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	220	2	100	0	0	24	25	100	0
Added	40	1	0	0	0	3	5	0	0
Total	260	3	100	0	0	27	30	100	0

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

100 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
Video Camera, Studio Shared, Head Phone, Audio Speakers, Computers, Digital Pad, Lecture Capturing System	https://www.youtube.com/channel/UCL5P-9W7jPIeUmcrrCxTMTQ

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
250	164.5	71.35	713.05

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, provide link)

Our institution comes under the GEF (Eng GS) umbrella. The maintenance of common facilities like Civil, Water, STP, Electricity, Plumbing, and Computer is taken care of by a central unit employed by GEF. The maintenance and preservation of the infrastructure facilities are carried out with the support of the heads of the particular infrastructure department of GEF. The College Administrative Officer regularly monitors and supervises the overall infrastructure and ensures its upkeep, repair, and maintenance within the college. The institution obtains the requirements of sophistication rooms, laboratories and other infrastructural resources from each HOD well before the commencement of the academic year. After validation of the necessities, the available resources are allocated to every department. Any new facility to be constructed/acquired is provided by the management before the semester begins.

Wherever there exists a situation that a facility (a laboratory) is required by one or more departments with suitable adjustments within the schedule would make the optimal use of the laboratory a break. Right from its inception, the faculty has been improving its infrastructure to fulfill its ever-increasing needs. Additional blocks for educational and administrative purposes are constructed. Floors are added to the present blocks to reinforce the facilities. Renovation of older blocks and modernization of laboratories is done to fulfill the ever-changing academic requirements. The institution incorporates a permanent manager to address the care of all the developmental works, be it add on constructions or maintaining the present ones. The buildings are maintained up-keep and repairs on a frequent basis. The housekeeping team regularly maintains the buildings, corridors and other places to be clean and tidy. The washrooms are maintained by a team on an everyday basis to take care of their usability. The Departments managed by their heads are accountable for maintaining the laboratory equipment for his or her operational conditions. Before the start of the educational year, the HODs would allow repairs and maintenance all told their laboratories for the concerned year. They identify the agencies who would undertake the upkeep work and would get the equipment ready for operations before the start of each semester. The institution has an IT cell headed by a senior member of the college to oversee the procurement, maintenance, repairs and replacement of apparatus like computers, laptops, projectors et al. within the domain area of knowledge technology across the institution.

<https://www.msrtcasc.edu.in/uploads/2020-03/Policy%20For%20Maintenance.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management Scholarship	241	2255100
Financial Support from Other Sources			
a) National	1. Social Welfare scholarship for SC/BC/ST 2. Merit Scholarship TATA EDUCATION AND DEVELOPMENT TRUST	237	3157491
b) International	NIL	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill Enhancement program on Problem solving Skills	09/10/2018	32	BMS College for Women
Resume Writing	08/02/2019	36	Content editor, Colors Tamil

Coding and Debugging in R language	08/09/2018	80	MSRCASC
Psychometric Analysis-Comprehensice Interest Assessment-CIA	31/08/2018	30	Personal counsellor and Mentors of the institution
Yoga Classes	28/08/2018	176	RISA, Ramaiah Indic Speciality Auurveda Resotation
Application of ICT in Research	24/09/2018	34	All the departments of MSRCASC
Effective public speaking Skills	21/01/2019	151	MSRCASC
Personality Development	02/03/2019	80	MSRCASC
Stress Management	04/03/2019	90	Medha Consultancy Service
Tally	28/03/2019	150	MSRCASC
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Career choices and gaining networking skills in biosciences	109	14	Nil	14
2019	Career Guidance on Chartered Accountancy and Company Secretary	158	11	Nil	11
2018	Career Counselling-R-Language and Python	79	12	Nil	12
2019	Orientation on Higher Education	151	25	Nil	25
2019	Career	52	21	Nil	25

	growth and Job aspects				
2019	Career Guidance with mock interview	63	17	Nil	17
2019	JAM exam	10	Nil	5	Nil
2019	SLET	3	Nil	1	Nil
2019	IELTS	2	Nil	1	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
13	13	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Concentrix Ltd	125	75	Infosys	10	4
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
2019	1	BCA	BCA	NITTE Meenakshi	MCA
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
SLET	1
Any Other	6
No file uploaded.	

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

Activity	Level	Number of Participants
Mehendi	Institutional level-UG PG	26
Hair style	Institutional level-UG PG	8

Volley Ball (Men)	Institutional level-UG PG	56
1500 Mtrs	Institutional level-UG PG	50
Fashion Show	Institutional level-UG PG	92
Cricket	Institutional level-UG PG	66
100 Mtrs	Institutional level-UG PG	65
Cooking without fuel	Institutional level-UG PG	46
Sports Leather Ball Cricket	Institutional level-UG PG	46
Skethcing	Institutional level-UG PG	14
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Winner	National	1	Nil	17KUS85073	Janardhan R
2019	Eastern Solo Dance III Place	National	Nil	1	17KUS85022	Likith
Nil	Gold Medal	National	1	Nil	17KUS85073	Janardhan R
Nil	Runner	National	1	Nil	16KUC41163	Abhishek M
Nil	Runner	National	1	Nil	B1821202	Abhishek C -
Nil	Manager	National	1	Nil	B1821202	Abhishek C
Nil	Winner	National	1	Nil	S1814648	Surya Prakash P -
View File						

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

STUDENT COUNCIL Administrative involvement: • The student council is a heterogeneous group drawn from various disciplines. Seniors guide and coordinate with their juniors to ensure the successful organization of events. The students were selected by the faculty HOD of each department to represent

the Council. • The Council helps develop leadership skills, communication skills, management, and marketing strategies among the students. Cultural activities • The student council has taken an active lead in conducting the cultural activities. Almost all Students were a part of one or the other cultural events where students can express their talents. General awareness and Social responsibilities • The Council played an active role in developing awareness programs such as World Environment Day and Water Day, to raise environmental awareness. The World Tuberculosis Day on the 24th of March and World AIDS Day on the 1st of December was organized to communicate about the global diseases, as an awareness to the society. • The students were oriented towards personality development through the Disha foundation on 31st July 2018. Academic Activities: • As a part of Annual club activities, the Management Club conducted an exhibition on the topic "Entrepreneurial development" motivating the students. The Science club exhibited Posters and Scientific models on Feb 28th, 2019, on the occasion of National Science day. • The Academic activities also included career counseling and soft skill programs which helped the students in placements and higher education. • The TATA Education and Development Trust provided merit scholarships for the meritorious PG students. • The students took the initiative to participate in the IISc Open day, held on the 23rd of March, 2019. • Students celebrated National days- Independence Day Republic Day by depicting various facets of Indian culture through cultural programs. Socio-Cultural Activities • Students organized various festivals such as Ganesh Chaturthi, Onam in the month of August, and Christmas celebration on 28th December to signify unity in cultural diversity. The other activities like Cultural Day, Ethnic Day, and Women's Day are also conducted. • Students took up social responsibilities to organize blood donation camps and counsel the residents to ensure their children being vaccinated against major diseases like polio, during the polio vaccination camps held on 9th August 2018. Alumni interaction by the Students Council • Students Academic Council collaborates with the alumni students in many of the activities like cultural events, workshops training programs. Ms. Banupriya - an Alumni member, was an MC for the Cultural meet in August 2018, and Ms. Karnika Bhel - Alumni member, Judge for the Literary Fest Sep 2019. Mr. Karun Krishna- Entertained and motivated students at the cultural meet by performing Beatboxing. The Students Council focuses to bring out the best from the students in classroom education by organizing a consortium of collective activities to mould the character and help them to become better and responsible citizens to serve society.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association plays a major role in the interaction and implementation of policies and programs in favor of students and the Institution. They develop a good network among the juniors and seniors. The office bearers comprising the President, Vice President, and Executive Committee members have taken an active lead in the growth of the Institution. The Association members have a regular meeting of the EC members and conduct an academic data review and plan an academic calendar every year. They involve in the active participation of the Association through both monetary non-monetary contributions. Monetary Contributions: ? The alumni members of 2018-19 included the final year students from all the streams of B.Sc, B.Com, BCA, BA, BBA, and MBA. The student enrolment occurs during their final semester by the process of registration. Non-monetary Contributions: The alumni students have always been involved in serving the Institution in different ways Alumni on the Orientation Day: ? The alumni are regular invitees on the orientation day and bridge courses. The BBA department had an alumni interaction with the fresh batch by inviting Ms.Monica and Mr.VinayakKandare. Alumni as Resource Persons for Career Development: ?

Alumni are also involved in the career development of the graduating student Mr.Muthanna.U and Mr. Rajath Arora are regular visitors to the department of BCA to motivate the students related to career orientation, placement, and higher education. Alumni Motivators for Cultural Activities: ? Cultural events in the college are enriched by the presence and participation of distinguished alumni. The presence of Mr. Karun Krishna, with Beatboxing talent and event management expert Ms. Bhanupriya graced the X- tasy 2018, the annual cultural event. ? In the event "Litereria" organized by the department of English, Ms. KarnikaBehl, alumni BA, was invited as an event judge in September 2019. Ms. Bhanupriya, alumni B.Com, conducted a two-day workshop on "Campus to Corporate" for the present students. Alumni contribution towards placement: The Alumni students involved in active participation in placements in various companies. Ms. Chandana, Mr. Samarth, Mr. Robin, Mr. Aneesh from the department of BBA have helped the students to be placed in companies as an extended interaction with the placement officer

5.4.2 – No. of enrolled Alumni:

906

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

175500

5.4.4 – Meetings/activities organized by Alumni Association :

An EC meeting was conducted prior to the Alumni meet, on the 20th of February, 2019. The main agenda was on fundraising towards the association and a strategy to be formed to increase the membership and also to create a database of the alumni. The committee also proposed the release of alumni magazine with alumni contribution, internship, placement support, and consultancy. Alumni have discussed and proposed to contribute to the institution monetarily and non- monetarily. The Alumni shows active involvement in providing feedback on the curriculum prescribed by the University, which helps in bridging the gap between Academic-Industry and Research. They also proposed to give orientation on competitive examination, interview strategies and internship opportunities.

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)

Academic performance of an institution improvised by the decentralization policy followed by the active involvement of stakeholders, management to bring forth good infrastructure and quality teaching which results in better learning outcome in the students. The management, Principal, Vice-Principal, IQAC, teaching faculty, NCC, NSS, student's representatives join their hands to propose a plan, design the work and implement the approved plans. To ascertain this fact, a case study of infrastructure pertaining to the construction of General Science block is as shown below: Case Study: The institution practices decentralization and participative management Good infrastructure creates an excellent academic ambiance to students that enhance their learning outcome on the campus, which was a dire need during the year 2014 as the admission of students was increasing year-wise and to meet the needs of faculty to carry out their research-oriented projects. The number of rooms, space for laboratory, classrooms were increased to accommodate more students. The design of the classrooms, library, alumni room, staff room, IQAC, seminar hall, office, laboratory, research labs, staff counsel, and lecture halls was approved. The construction of rooms, laboratories, toilet for divyang, canteen, water supply, and sanitary work, STP, entry and exit ramp from the main road to the basement

floor, the compound wall along with the construction of the main building - General Science block. ? Bhagirath Construction Company has taken the responsibility for the construction of the General Science Block. The brief summary of the accessory work sequentially carried out as follows: ? Sewage treatment plant- The quotation was given on 29.12.2016 and the work was completed by 9.01.2017. ? The electrical consultant named 'Akash Electro Consultants Pvt. Ltd.' was appointed for electrical infrastructure-HT installation works on 31.01.2017 for GEF General Science block. ? The construction of toilet alteration work (Divyangan toilet) was executed on 26.10.2017 at the General Science block. As the construction commenced, the Principal, HODs, and other staff of the institution took an active part in regular monitoring of construction including design of laboratories, storage space, restrooms, placement cell, counseling room, library, xerox center, etc., Finally, the building was handed over and the inauguration of the new building was held on 8th June 2017. This was possible only due to the consent given by governing body and management and involvement of staff of the institution in the design and execution stages of construction. Though the construction work was completed, there were minor repairs of constructions related to some leaking, the requirement of lintel plastering, cleaning of windows and ventilators as they were not operational, plumbing fixtures were in need of related to valves in each toilet and painting was pending in lift area. Besides, some pending electrical installations were approved on 27.09.2017. The lists of construction complaints were prepared by Bhagirath Construction Company and a pre-final bill to spend on the repairs and miscellaneous was approved by management.

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	The college is affiliated to Bengaluru Central University. Hence the curriculum is decided by the university. The departments of the institution conduct add-on courses, value-added programs and certificate courses, short-term courses, orientation programs, refresher courses, minor research projects, major research projects, internships and publications to supplement the students' knowledge. The college conducts seminars, workshops, conferences, lecture series and guest lectures for staff and students to upgrade their knowledge. The college also conducts faculty development programmes on regular basis for both teaching and non-teaching staff to upgrade their knowledge. For the effectiveness of the current curriculum, an assessment is done through feedback obtained from faculty, students, alumni, employers, subject experts and members.

<p>Teaching and Learning</p>	<p>Faculty members are motivated to design contemporary, skill based and value-added courses, certificate courses etc. every year, by keeping in mind the present changes in the teaching methodology and learning process. Faculty Development Programmes, refresher courses, short-term courses were conducted to enhance their teaching skills. Regular use of ICT in classrooms contributed to enhancement of teaching- learning. Time, Space, Financial and Human Resources are well planned in the beginning of the year. The college and departments prepares the semester calendar in advance. It is made available to faculty and the students. Semester plans with teaching objectives and learning outcomes maintaining, adhering to the time schedule. ICT enabled classrooms, LCD projectors, computer system with Internet facility and other gadgets are provided. Bridge course and remedial classes. Value-added course, add-on course and certificate courses. Industrial Visits and Internships. Feedback on Curriculum, teaching</p>
<p>Examination and Evaluation</p>	<p>Regular conduction of the Class Tests, Unit Tests, Internal Examinations and Preparatory Examinations. Timely Evaluation of the Test papers and Examination booklets. Discussion of the outcome/ results of the tests and examinations with the students and parents for further improvements in the University Examinations and to achieve centum scorers, gold medals and university ranks in the respective programmes. College will provide bluebooks/ answer sheets/ booklets for the tests and examinations. Conduction of Assignments and student seminars, model making, collage, poster presentations including power point presentations to improve students' knowledge and presentation skills. Consolidation of Internal marks and uploading Final Internal Assessment Marks in the university portal.</p>
<p>Research and Development</p>	<p>Encourage the faculty and the students towards research activity through funding from the institution for the minor research projects and major research projects. Encourage the faculty and the students to obtain</p>

research grants from governmental body, to obtain successfully funded research projects. Encourage the faculty to apply for funding agencies for research projects. Institutional Research committee verifies the quality and the quantity of research work carried out in the college. Motivate the faculty members to try to attain patents through their research activity. Motivate the faculty members and the students for the publications of their research work.

Library, ICT and Physical Infrastructure / Instrumentation

The institution has SOP for obtaining and maintenance of ICT, library and other infrastructure related issues. Following are the responsibility shared for maintaining the procedures. 1) The librarian with respect to library, 2) An IQAC with respect to Information and Communications Technology, 3) The Principal (with Deans and HOD's) with respect to infrastructure and instrumentation. Yearly budget proposed by every department of the Institution are consolidated and get approved by the top management in time. Based on the need and existing available status, the budget proposed by the various departments of the Institution is analysed and accordingly will be sanctioned.

Human Resource Management

The Institution encourages the faculty members to improve their performance and to be updated with skills and to go for higher studies. It emphasis on the quality of employees engaged in an Organization which goes a long way in producing quality education and good human resource for the country. The availability of expertise is shared with Inter-disciplinary courses. The Institution concerns regarding employees' welfare and also increase the level of their job satisfaction. In order to create a good human resource for the country, Institution has established an Incubation Centre where the students are mentored for Start-ups, to become Self- entrepreneur, to pursue their higher studies and also to place them in a better workplace possible.

Industry Interaction / Collaboration

The strategy followed is as follows:

- Find out the areas or the sectors of the curriculum where such interactions are beneficial for the students and the

Institution. • The head of the department should get permission from the Institution for approaching an Industry/ Institution/ Organization. • The head of the department will discuss with an industry/ collaborating institution about the feasibility, the time frame, the cost if any to be paid etc. • Upon the approval by the Institution head the concerned papers are signed by both an Institution authorities as well as the external agency.

Admission of Students

1) All information relating to admission processes is made known to the public by way of banners, website and helpdesk that is setup during admissions. 2) The college website and prospectus contain information about the institution and the programmes offered. It also gives details of eligibility norms for admission. 3) Admissions begins with 75 cut off. Priority will be given to the students with merit as well as category. MSRCASC is affiliated to the Bengaluru Central University, hence admitted student list will be sent for approval through on line mode. Students also has to provide all the documents for verification. Final List of approved students studying in the institution. The applications are arranged mark wise and category wise.

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

E-governance area	Details
<p>Planning and Development</p>	<p>Academic year starts with curriculum planning is based on systematic planning and development of lesson plan, and lesson execution by the faculty for each course separately. The college has designed a Strategic Plan in tune with the Vision and Mission of the college. Teachers will upload lesson plan at the beginning of the semester and work diary every day through ERP software. Which can be checked and verified by the head of the institution on regular basis. New building with spacious classrooms and laboratories are designed with the involvement of chief engineer, contractor, principal in planning, development and execution. Strategic Plan is made to guide the development of the college in guidance with the</p>

following important parameters. 1. Curriculum Enhancement. 2. Teaching Learning 3. Research and Development 4. Management and Governance 5. Student Welfare 6. Teacher Welfare 7. Outreach programs

Administration

Good Governance at MSRCASC is realized as the experience and wisdom of eminent personalities serving on the Governing Body, Statutory Body, Academic Council, Mentor- Mentee Committee and other Committees. The various committees' of the Institution responsible for the governance of the Institution are in place and functioning as per the provisions contained in the UGC Institutions. Regular meetings of these bodies as per the UGC Regulations were held

Finance and Accounts

The financial delegations of powers are well defined at the institutional and individual levels. The budgets submitted by the various departments once approved by the authorities of the Institution are completely implementable by the institution/ department head level following the various procedures in this regard. The institution has adopted the financial management software's like tally which have brought in easy of handling the budget under various head of accounts. The fee payment has been made online to bring in ease of paying the fees from anywhere through any mode of payment

Student Admission and Support

MSRCASC Online Portal provides for student admission through an online platform. All the information and prospectus is made available at the portal for easy access. The online payment gateway makes financial transaction transparent. The courses that are being offered including the career prospects after completion are all made available along with alumni feedback which makes the selection of program process more comfortable to aspiring students. The student support facilities, as well as the vibrant campus life that awaits the new student at our institution, is vividly depicted in the admission and related sections of the online portal which gives a welcoming feeling to the student

Examination

The College is affiliated to Bengaluru Central University. The

University Examination consists of 2 parts Theory and Internal Assessment, wherein Internal Assessment marks are entered online, the process of hall ticket generation is online and even the declaration of results is also online. The number of days for declaration of results has reduced and security issues have been resolved by the Bengaluru Central University.

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
Nill	Mrs. Sohini Gupta	Presented a research paper titled A Study on Challenges of Corporate Culture in the one day National Seminar on Diversity Inclusion - A Roadmap for the 21st Century at SIES College of Commerce Economics, Mumbai.	SIES College of Commerce Economics, Sion East, Mumbai.	1500
2018	Mrs. Karanam Kavitha	Attended the Management Development Programme on Customer Centricity: Building Customer - Centric Organizations held at Ramaiah Institute of Management.	Ramaiah Institute of Management	800
2018	Mrs. Supriya P	Attended the Management Development Programme on Customer Centricity: Building Customer -	Ramaiah Institute of Management	800

		Centric Organizations held at Ramaiah Institute of Management.		
2019	Dr. M Surekha	Participated and presented a research paper titled Which Business Models are Likely to be Successful at one day International Conference on Disruptions in Industry 4.0 - an opportunity for Global Sustainability organized by International Institut	International Institute of Business Studies	1000
2018	Mrs. Aditi Arun Rao	Participated in the National Seminar on Rejuvenation of Undergraduate Education In India held at JRD Auditorium National Institute of Advanced Studies, IISC campus.	Centre for Educational and Social Studies (CESS)	250
2018	Mrs. Vijayalakshmi D	Participated and presented a paper titled Vachana Saahithyadalli Sthri Antharangada Nivedane in One Day Multidisciplinary National Seminar on Women in Transition: Achievements, Issues and Challenges held at Government First Grade College.	Government First Grade College, Devanahalli-562110, Bengaluru Rural Dist.	600
2018	Mrs. R Ramya	Participated	Maharani	800

		in the One day National Level Lecture Workshop on Artificial Intelligence in Health Care at mLAC College for Women.	Lakshmi Ammanni College for Women Autonomous	
2018	Mr. Prasanna Kumar S G	Participated in the One day State Level Seminar on Medicinal Plants - Elixir of Life held at K.L.E. Societys S. Nijalingappa College	S. Nijalingappa College, Rajajinagar, 2nd Block.	300
2018	Dr. Padmaja M R	Participated as Delegate in the 11th National Women Science Congress	Swadeshi Vijnana Andolana-Karnataka	800
2018	Mrs. Athira V R	Participated in One Day Faculty Development Program on Fecultix - The Art of Creative Teaching held at Dr. Ambedkar Institute of Technology	Dr. Ambedkar Institute of Technology	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College 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	Prerana- A Journey from Teacher to Guru	NA	20/07/2018	20/07/2018	90	Nil
2018	A Right Step towards NAAC	NA	06/08/2018	10/08/2018	75	Nil

	Assessment and Accreditation Process					
2019	Innovative Teaching Methods	NA	21/01/2019	25/01/2019	76	Nil
2019	NA	Positive mind set for accelerated growth, Time management, Interpersonal skills.	21/01/2019	22/01/2019	Nil	28
2019	Approaches to NEW ENGLISH TEXTBOOK	NA	12/02/2019	12/02/2019	121	Nil
2019	An Innovative New Generation Enzymatic PCR	NA	26/03/2019	26/03/2019	35	Nil
2019	Excellence in Teaching and Research and Knowledge Creation	NA	08/04/2019	12/04/2019	73	Nil
2019	E-content development and lecture capturing system	NA	27/06/2019	27/06/2019	81	Nil
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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
Innovative Teaching Methods	76	21/01/2019	25/01/2019	5

Excellence in Teaching and Research and Knowledge Creation	73	08/04/2019	12/04/2019	5
A Right Step towards NAAC Assessment and Accreditation Process	75	06/08/2018	10/08/2018	5
FDP on "Building Competencies for Personal and Organizational Excellence".	1	30/07/2018	04/08/2018	6
NPTEL Online Certification Course - Principles of Human resource Management	1	18/01/2019	18/03/2019	56
NPTEL Online Certification Course - Six Sigma	1	18/01/2019	18/03/2019	56
NPTEL Online Certification Course - Enhancing Soft Skills and Personality	1	19/02/2019	26/04/2019	84
NPTEL Online Certification Course - Principles of Human resource Management	1	18/01/2019	18/03/2019	56
NPTEL Online Certification Course - Cell Culture Technologies	1	19/02/2019	26/04/2019	84
NPTEL Online Certification Course - Health Research fundamentals	1	18/01/2019	18/03/2019	56
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching
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Permanent	Full Time	Permanent	Full Time
75	26	46	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Provident fund as per government norms 2. Gratuity as per central government norms 3. Health insurance schemes (HDFC) 4. Medical care at Ramaiah hospitals 5. Group insurance scheme (ESI) 6. In the event of unfortunate death, compensation is provided to the family (Accident Benefit/ Insurance). 7. Maternity leave to the women employees, for a period of 135 days 8. Paternity leaves are provided for all the Male staff for a period of 15 days 9. Financial support as loan from 'faculty welfare fund' 10. Financial support to faculty for attending conferences/ seminars/ workshops in India and abroad 11. OOD is provided for attending examination, valuation, BoS/BoE meeting, workshop, seminar, conference, orientation course, refreshers course, faculty development program etc. 12. Staff are encouraged for self-development and higher education by providing seed money and OODs 13. Casual leaves (CL) and earned leaves (EL) - For teaching staff, 15 CL and 10 EL . 14. All the teaching staff are rewarded yearly on the Teachers day by giving mementoes. 15. The management sponsors for a programme every year to mark the team-spirit of the college 16. Staff are allowed to use college</p>	<p>1. Provident fund as per government norms 2. Gratuity as per central government norms 3. Health insurance schemes (HDFC) 4. Medical care at Ramaiah hospitals 5. Group insurance scheme (ESI) 6. In the event of unfortunate death, compensation is provided to the family (Accident Benefit/ Insurance). 7. Maternity leave to the women employees, for a period of 135 days 8. Paternity leaves are provided for all the Male staff for a period of 15 days 9. Financial support as loan from 'faculty welfare fund' 10. Casual leaves (CL) and earned leaves (EL) - For non-teaching staff, 15 CL and 30 EL . 11. All the administrative and support staff are rewarded yearly with mementoes. 12. The management sponsors for a programme every year to mark the team-spirit of the college 13. Fee concession for children of non-teaching staff studying in the college 14. Salary-in-advance can be availed by staff in need 15. A day care centre for the babies and infants of all the staff 16. Management staff is given regular increment and the pay is revised periodically 17. Orientation programs for non-teaching staff. 18. Free Wi-Fi facilities are made available</p>	<p>1. Fee Structure showing Fee concession for meritorious children 2. Incentives are provided to the students for motivating students to get university ranks and for achieving excellence in results. Every academic year the University Rank Holders are honoured with Rs.10000/- worth gold coin 3. Accident Insurance 4. Health related facility is available 5. Counselling 6. Placement 7. Restroom, Ramp and lift facilities are available for Specially challenged students 8. Sanitary pad vending machines and incinerator machines are installed in every girl's washrooms 9. Free Wi-Fi facilities are made available</p>

ICT facilities for their research work 17. Salary-in-advance can be availed by staff in need 18. A day care centre for the babies and infants of all the staff 19. Management staff is given regular increment and the pay is revised periodically 20. Well-equipped staff rooms for all the faculty members 21. Incentives for publications in national and international journals 22. Annual faculty development programs 23. Free Wi-Fi facilities are made available

6.4 – Financial Management and Resource Mobilization

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

Internal Audit: Certified Chartered Accountant conducts Internal Audit on a half-yearly basis. It includes: • Comparing previous financial statements to the present ones • Reviewing reliability and integrity of financial and operating information and the means used to identify measure, classify, and report such information. a) Noting of provisions applicable b) Evaluation of Internal control system c) Verifications of student’s fee registers d) Authorization of fees concessions, controls, policies • Review the means of safeguarding assets and verifying the existence of such assets. a. Examining bank passbook. b. Verifies investments, grants from other bodies. c. Verification of total amount granted for various departments and various committees and its utilization. d. Checking of acknowledgment letters if any with regards to scholarship. • Appraising economy and efficiency with which resources are employed. a) Examining payments for maintenance and other miscellaneous expenses. b) Certify audit report c) Filing Income Tax returns regularly External Audit The external audit is carried out on a yearly basis by- B N Subramanya Co. certified Chartered Accountant. The External Audit Team regularly audits college financial reports. In case of any objections, the institution will deal with it promptly, takes necessary corrective measures in a completely transparent manner.

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
MSRCASC- Managament (GEF)	548043425	To meet the running expenses of the college
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6.4.3 – Total corpus fund generated

548043425

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	Kahan Technology	Yes	IQAC
Administrative	Yes	Kahan Technology	Yes	IQAC

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

Parent-Teacher Meeting-1 was conducted on 7-7-2018 Parent-Teacher Meeting -2 was conducted on 6-10-2018 Parent-Teacher Meeting-3 was conducted on 9-3-2019

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

1.Orientation about examination 2.Staff development programme-Positive mindset for accelerated growth, and management, Interpersonal skills.

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

1.Introduction of LMS to aid in teaching-learning 2.Academic Administrative Audit 3. Establishment of SWAYAM- NPTEL local chapter for online courses

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
2019	ONE DAY NATIONAL SEMINAR- New Methodology of Assessment Accreditation by NAAC - Issues and Challenges on 11/04/2019	11/04/2019	11/04/2019	11/04/2019	285
2018	One Day Quality Improvement Program on "Effective Mentoring of Students" on 26/10/2018	26/10/2018	26/10/2018	26/10/2018	78
2019	One Day Quality Improvement Program on	18/02/2019	18/02/2019	18/02/2019	86

	"Use of ICT in Teaching, Learning and Evaluation" on 18th February 2019				
2018	Orientation on RAF of NAAC on 25/07/2018	25/07/2018	25/07/2018	25/07/2018	91
2019	Orientation on Use of technology for better Administration on 12-04-2019	12/04/2019	12/04/2019	12/04/2019	69
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Power of Girls	11/03/2019	11/03/2019	188	10
Blood test to find out probability of cancer and diabetes in women above 35 years	04/08/2018	04/08/2018	43	Nil
Visit to Abhalashram	03/08/2018	03/08/2018	7	Nil

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
Staff and students planted medicinal saplings in the campus and the students were given information regarding the medicinal properties of these plants. Saplings are presented to the chief-guests/speakers/Resource person as welcome presentation/token of appreciation instead of bouquets Regular bacteriological analysis of drinking water is done. An awareness program for the all the students is conducted to sensitize them on energy conservation by giving a lecture/activities which emphasizes on switching off the lights, fans or tap water when not required or not in use.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	4
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	01/03/2019	1	Importance of education and science in day to day life	To motivate students to take up science for higher education	45
2019	1	1	23/02/2019	1	Donation of daily necessities to school students	To help the needy	51
2018	1	1	24/10/2018	1	Traffic awareness among public	Educating people to follow traffic rules	11
2018	1	1	29/09/2018	1	Traffic awareness programme	Educating students to follow traffic rules on road	105
2019	1	1	29/06/2019	1	Campus	Social	32

			019		to community	Internshi p for students for invol vement in social services	
2019	1	1	22/05/2 019	1	World i nternatio nal day of biodiv ersity	save bi odiversit y	36
2019	1	1	02/04/2 019	1	Skill d evelopmen t and ent repreneur ship programme	Hands on training to make soap, shampoo, etc	5
2019	1	1	06/03/2 019	1	Science Populariz ation Programme	To educate school students about science	45
2019	1	1	01/03/2 019	1	Computer education	To educate school students about computers	39
2018	1	1	18/09/2 018	1	Awareness on drug abuse	Human welfare	62
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Governing Body (College Manual)	10/04/2018	Subject to the Act, Statutes and Ordinances and Regulations of the regulatory authority, the Governing Body shall be the Executive authority and shall have general supervision and control of the affairs of the college and shall maintain its own record of its proceedings which shall be open to inspection by the inspection authority of the University and other

		<p>regulatory bodies. The Governing Body shall hold, control and administer the property and funds of the College as well as other funds placed at the disposal of the College for any specific object. The Governing Body shall appoint a Treasurer from among its own members who shall discharge such duties and exercise such powers as are hereinafter specified. It may also appoint a Finance Committee to advise it on matters relating the finance.</p>
<p>Principal (College Manual)</p>	<p>10/04/2018</p>	<p>The Principal is the Chief-officer of the Institute and is responsible to the Governing body regarding board of all academic, administrative and financial matters of the institute. He/She is to function as the Member Secretary of the Governing body board of Management, a link between Management, Chairman on one hand the institute administration, staff, students and all stake holders on the other hand, provide the interface to Project the activities of the institute as decided by the MANAGEMENT/TRUST to all external agencies and to ensure effective and satisfactory conduct of the academic activities by continuous monitoring of faculty and other facilities available and to put up proposals in this behalf in consultation with Chairman of the Governing Body Board for provision of necessary facilities such as staff requirements, purchase of</p>

		<p>equipment, books etc., through properly coordinated committees appointed for this purpose.</p>
<p>Teaching staff (College Manual)</p>	<p>10/04/2018</p>	<p>Teaching is a noble profession in which teachers are engaged in shaping and molding the lives, careers and futures of young generations of students/pupils. Recognizing the role of teachers in social, cultural and economic development of the Nation and the key role of teachers ensuring the quality of teaching/learning/educating students, in following ethical values underpin the standards of teaching, knowledge, skill, competence and conduct is set out in this code. Teachers should uphold human dignity and promote equality, emotional and cognitive development. They should demonstrate respect for spiritual and cultural values, diversity, social justice, freedom, democratic values, environment including those differences arising out of gender, civil status, family status, sexual orientation, religion, age disability, race, ethnicity, socio-economic-political status.</p>
<p>Non teaching staff (College Manual)</p>	<p>10/04/2018</p>	<p>The non-teaching staff members are expected to be at their work place during the prescribed working hours. They should be Loyal to the College by being punctual and reliable in all duties. They should maintain Integrity by</p>

being honest in words and actions. Maintain dignity by treating students by care and kindness. Need to be supportive and cooperate with other staff members They should be Responsible by meeting the required standards for every assigned task. Respect by mutual respect, trust and confidentiality He / she must respect and maintain the hierarchy in the Administration. Maintain cordial relationship with the teaching staff and should be helpful in all academic and non-academic aspects

Students (College Manual)

10/04/2018

The Code of Conduct reflects the College mission and identity and exists to guide conduct, safeguard and promote the academic, curriculum and extra-curricular activities. Faculty, Staff and Management are dedicated and committed to fostering an environment that upholds the highest standards of fairness, integrity and respect in all their academic and related endeavors. This holds individuals and groups responsible and accountable for the consequences of their actions. Failure to fulfill and comply with the code may result in withdrawal of privileges and imposition of sanctions and entails disciplinary actions.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environment day	05/06/2019	05/06/2019	56
Disha workshop on Know Your Self, Know Your Country	12/04/2019	12/04/2019	92

and Know Your Culture for B.Sc. (BT and Genetics) students			
National Youth day	06/02/2019	06/02/2019	950
National AIDS day	01/12/2018	01/12/2018	56
Gandhi Jayanthi	12/10/2018	12/10/2018	135
Ozone layer protection day	24/09/2018	24/09/2018	156
Disha workshop on Know Your Self, Know Your Country and Know Your Culture for B.Sc. (EMC) and BBA students	01/08/2018	01/08/2018	81
Disha workshop on Know Your Self, Know Your Country and Know Your Culture for B.Sc. (EMC) and B.Com students	13/07/2018	13/07/2018	178
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The students are taught to make eco-friendly Ganeshas
2. Saplings are presented to the chief-guests/speakers/Resource person as welcome presentation/token of appreciation instead of bouquets
3. Disposable Areca nut palm plates and spoons are used during functions/college programs
4. Messages such as circulars, notices, etc., are sent through emails and SMSs
5. The college canteen/cafeteria is plastic-free

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice Blended Learning – ICT enabled Teaching and Conventional method of Learning
2. Objective ICT enabled teaching and blended learning makes students responsible for learning. ICT helps students to prepare themselves by exploring, analyzing, exchanging, and presenting the information in a reasonably well-structured manner. Present generation learners are tech-savvy, hence the use of ICT in day-to-day learning makes them confident and presentable. Students are encouraged to use mobile app for all kinds of learning such as PPT, Videos, value-added courses, skill development courses, etc. attending physical classes.
3. The Context The curricular delivery in the 20th Century was mostly through didactic lectures and the chalk and talk method. 21st Century calls for digital and blended learning. ICT enabled teaching and learning is the part of the present education system. ICT based education support, develop and optimize the delivery of information in an effective manner. The institution provides the platform for online classes, Lecture capturing through ERP software. ICT has enabled any time anywhere and recapitulation sessions from teachers across the globe. The classrooms are enabled with LCD, and wi-fi facility, that support and encourages faculty to upload the lecture contents and materials for smooth conduct of online classes

and online learning. The technology also provides great opportunities for making learning more effective for everyone with different needs. Technology helps to develop many theoretical and practical skills such as creating presentations, preparing from academic and competitive exams, learning to differentiate between reliable and unreliable internet sources, and so on. 4. The Practice • Mobile App for faculty and students • Learning Management System • Enterprise Resource Planning • ICT tools and platforms • Training of teachers • Use of AI, Animations, Simulations • Practice of Self Directed Learning, Computer Assisted Learning, and Interactive learning Mobile App (Posto New) has been used extensively in teaching and learning by the faculty and students in the institution. Faculty development programs and training programs are conducted regularly on e-content development. Faculty develops e-contents and uploads the module-wise lecture videos, PPTs, and other learning materials in the ERP software. Faculty interacts with the students through Mobile App for the live class, counseling, and mentoring. Students use the mobile app for submitting assignments, MCQ tests and descriptive online tests. Value-added /certificate courses, skill-based courses, career-oriented courses are also offered to the students through Mobile App. Students can log in for live online classes through the mobile app. Course material can be downloaded from the ERP software any time they want. 5. Evidence of Success Students are happy to explore new technology through ERP software. Following has been observed during this process: 1. Students have shown improvement in attendance for the online classes. 2. Complicated topics made easy to understand, this, in turn, increased their interest in the respective subjects and motivated them to learn. 3. No. of students opting for skill-based, value-added/ certificate courses have increased. 4. Use of mobile app has helped slow learners to understand the concept of the complicated topics by watching video lectures repeatedly. 5. Classes are scheduled during convenient hours i.e., even after working hours. Students who are absent have the option to attend the classes physically. 6. The faculty and students are encouraged to take up E-learning courses from National Programme on Technology Enhanced Learning (NPTEL) which provides E-learning through online Web and Video courses of various streams. More than 350 students and 25 faculty have undertaken NPTEL courses for their career enhancement. 6. Problems Encountered and Resources Required Students find it difficult in understanding practical papers like accounting, mathematics. The conduct of lab experiments is another challenge for online classes. But ICT is used effectively to show videos relating to laboratory experiments which are attractive and interesting. Certain subjects like languages, accounting, mathematics, taxation require board work other than the use of Videos or PPTs. Uninterrupted power supply and internet bandwidth is required throughout the day. Network issues from the students end make online teaching ineffective. Best Practice: 2 1. Title of the Practice "Development of students through Centre for Holistic Education" 2. Objective: There is a compelling need to evolve a more holistic approach, an enriching blend of academics and value initiatives. A profound understanding of this great country and its glorious culture forms the foundation of value and complete education. This wholesome approach helps youngsters evolve into better human beings with character, integrity, and social responsibility. Educations should include wholesome development of students for the betterment of society. Values, Character, Capacity building programs have to be included in the curriculum. 3. Context: The present-day classroom and college dynamics revolve around proficiency in subject and scoring of marks for the competitive materialistic world. Less emphasis is on personality development, social empowerment creativity, and grooming of talent and leadership guidelines. Hence, there is a need for a strategy to achieve for same. Therefore, MSRCASC has developed and implemented this practice. 4. Practice: The Center for Holistic Education was established in September 2014 to help students cultivate integrity, insight, intelligence, and empathy through holistic learning models. At MSRCASC, we, the

teachers and students, strive for excellence in academics and inculcate positive attitudes. The Centre for Holistic Education conducts special initiatives like Conservation of Water, women empowerment, gender-related issues, celebrate special days such as National Youth Day, Constitution Day, Gandhi Jayanthi, Swami Vivekananda Jayanthi, etc., to imbibe in the minds of students' awareness on contemporary issues, the spirit of Nationalism, Gandhian Values, etc. This is done by inviting scholars and experts to talk about these issues. The Center for Holistic Education takes an initiative to conduct various in association with DISHA, a Non-profit-Social Initiative, from 2016 onwards and aims to energize and motivate young minds to carry forward the rich and glorious legacy of our nation. This is done by conducting Personality Development Programmes (Holistic Approach of Education). Using value education as a vehicle, DISHA endeavors to guide and channelize the students' capacities toward the nation-building process and help in the overall development of students. The workshops conducted by DISHA focuses on three aspects: know yourself, know your country and know your culture. As a part of the programs, Orientation Module is used for the First Year Students so that they can be taught about themselves, their inner capacities, the Country, and their Culture in the beginning of their undergraduate student life. The Second and Third years are taken through the personality development module which is more intensive than the Orientation programs. It is an activity-based program with a unique blend of building self - confidence, value for our unique culture and imbibe in them a spirit of patriotism and love for our nation. These programs are activity-based and involve exercises that encourage inquiry and introspection, kindles the spirit of Patriotism, equips with values and skills for personal excellence. These workshops are a blend of learning, reflection, fun and are highly motivating. Students are made into groups and are counseled by a worker so that their inner fears and anxieties are brought out so that necessary advice is given for self-improvement. Students participate in great numbers and very enthusiastically take part in all the activities conducted by the DISHA, an initiative of MSRCASC. 5. Evidence of Success More than 1500 students annually are benefited from the Orientation Programmes and Personality Development Workshops conducted by DISHA. Initially, the students were skeptical about the workshops but when the first batch spread the information about the workshop, good numbers of students expressed the desire to take part in the programs and participated enthusiastically. After counseling, nearly 10 married women students have continued and completed the course. Dropout has been totally reduced, attendance has become near cent percent. Enthusiasm, creativity teamwork has been enhanced. 6. Problems Encountered • The no. of students to attend the DISHA program is limited per batch as it is an interactive session. More than 120 students cannot be accommodated in a single batch and therefore, multiple batches have to be made and the program lasts for several days. • Many times availability of venue becomes difficult especially on the dates which are required by DISHA as they have a state-wide presence and conduct these workshops to several other institutions. Many a time we have seen a clash of dates. • Coordination among the many departments. Faculty and large numbers of students is the biggest challenge faced by the organizers. • When many guest lectures are conducted on Gender issues, or Value Education or on the rights and responsibilities, we see a lack of interest in the students and a lack of intellectual curiosity to learn about these issues.

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

<https://msrcasc.edu.in/best-practices>

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

"Outcome Based Educational Practice (Programme outcome, Course Outcome, and Curriculum mapping)"

1. Introduction: The emphasis of education is given to skills, competencies, and attitude along with communication skills apart from theory knowledge. Hence, the academic programs must spell out clearly the objectives and expected outcome (PO). The courses of a given program under CBCS must be specific and target-oriented to achieve the expectations of a graduand. Hence, they must spell out course objectives and outcomes (CO). MSRCASC as an affiliated college implemented it in their existing curriculum. As a distinctive step, the teachers and students are oriented towards PO, CO, and Curriculum Mapping approach.

2. Objectives ? To inculcate the concept of Outcome-Based Education amongst students and faculty by enriching the curriculum with well-defined PO-COs and their curricular mapping. ? To give emphasis to the blend of knowledge, skills, competencies, scientific temper, analytical ability, the spirit of inquiry, research bent of mind, communication skills, attitude, and values - ethics in curricular transactions and evaluations. ? To enhance the curriculum by offering Value-added/Add courses and encourage students to achieve overall academic excellence.

3. Implementation strategy and Process Although the Bengaluru City University prescribes the syllabus, has not yet developed any COs and POs. However, the MSRCASC has prescribed PO-COs for programs at their departmental level. Workshops are conducted to prepare the faculties to understand the significance of outcome-based education and its achievement. Course outcomes are stated in the master session plan. PO-COs are made available on a website to the faculty members and students. The students are inducted about PO-COs during the orientation program and Value added courses are offered. The schemes of objective evaluation of PO-CO during Continuous Internal Assessment are also made known to students. Program outcome assessment committees assess the level of attainment of PO-CO. The learning outcomes are prepared using Bloom's taxonomy and outcomes are complex declarative sentences that will clearly describe the student expectations such as knowledge, skills, and competencies acquired after completion of the course. The mapping and attainment of POs and COs are carried out using Institution ERP.

4. Challenges Faced ? To train the faculties to adhere to the changes made by following outcome-based education in developing COs and POs which is not mandated by the parent University. ? Time constraint in offering value-added programs along with the regular semester scheme. ? Developing tailor-made ERP to accommodate PO- COs mapping and its attainment.

5. Outcome and Impact ? Significant improvement in pass percentage, centum scorers, and University Rank holders ? Enriched curriculum and innovative curricular delivery and transaction on par with industry expectations/requirements ? Increase in student enrollment for value addition courses ? Transparent and robust assessment and evaluation of Internal Assessment with the help of well-defined POs and COs. Self-evaluation by students is also enhanced. ? Increase in the number of placement of students due to understanding of outcome-based learning. ? Exposure to comprehensive outcome-based education to all the faculties and students of the institution.

Provide the weblink of the institution

<https://msrcasc.edu.in/institutional-distinctiveness>

8.Future Plans of Actions for Next Academic Year

The idea of future plans helps institutions to function efficiently, making smart choices and setting the course for a sustainable future. Keeping in mind the demands on the campus, stakeholders' requirement, and competing priorities, the future goals of the institution was set for the academic year 2019 - 2020 by a committee of faculty members, administrators, and the management. The goals addressed issues like improving the quality of education through co-curricular activities that complement the knowledge of not only teachers but students as

well, enhancing the status of the institution and equipping the institution with modern and competent means to deliver skill-based programs. Priority goal 1: Professional Development The quality of teachers and their professional development are critical to the success of both the teacher and the student in not only the classroom but also in their scholarly pursuits. Hence • We shall nurture an empowered community of faculty and staff and provide a range of professional development resources. • Plan and organize National and International conferences in Science, Management and Humanities in collaboration with State, National, and International bodies. Priority goal 2: Enhance Academic Programs To provide an agile and proactive academic framework that enables multiple learning and delivery modes to serve the needs of the community, the institution plans to introduce two new programs. • Introduce new B.Com (Logistics) program • Introduce new BBA (Aviation) program Priority Goal 3: Elevate College Status To elevate the status of the college, we shall • Designing a plan and executing it to acquire the 'College with Potential for Excellence' status from UGC. • Apply for 'Star College' status from DBT, Ministry of Science and Technology, Govt. of India. Priority Goal 4: Success Skills To meet the diverse needs of the present-day student community and equip them with relevant success skills • Set up a specialized training lab with Apple systems to develop communication, software, hardware skills among students. • Establish a media lab and complement studies in Journalism and Political Science and augment students' practical knowledge and critical thinking, problem-solving and personal responsibility skills. • Get access to webinars from various national and international bodies that would enlighten students' comprehension of an advancing world.