SELF STUDY REPORT

FOR

4ᵗʰ CYCLE OF ACCREDITATION

M. S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE

M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, MSRIT (PO),
M S R NAGAR, BANGALORE
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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

M S Ramaiah College of Arts, Science, and Commerce (MSRCASC) is established in the year 1994. The institution took birth which spread its wings and reached far and wide, catering to the needs of students in the diverse fields of education. The most notable feature of the college is the fulfillment of founders' vision of INCLUSIVE GROWTH, students from all strata of a society wedded to the ideals of loyalty, dedication, and hard work to realize the mission of molding, chiseling, and completing the character of youth.

The College is permanently affiliated to Bangalore Central University (renamed as Bengaluru City University). The college is recognized by UGC under Section 2(f) & 12 (B) of the UGC Act 1956 and its MBA program is also approved by AICTE. The college offers**8 UG and 6 PG programs** in Arts, Science, Commerce, and Management streams. The College has been re-accredited for the 3rd cycle by NAAC with an 'A' grade in 2015. NIRF 2020 has ranked MSRCASC under 101-150 Rank Band in the College category.

College as a co-educational, multi-faculty, self-financed institution has completed 25 years of yeoman service, offering more than 200 unique subjects of study for 2,800+ students. The college has 101 qualified teachers with 53 Ph.D. holders and 45 non-teaching supporting staff. The institution has a lot of demand near cent percent enrollment, most of the students are having more than 70% marks in their pre-qualifying examination.

Programs of study with sanctioned intake are as follows,

B.Sc in Biotechnology/Microbiology/Chemistry – 160, B.Sc in Genetics/Microbiology/ Biochemistry – 60, B.Sc in Electronics/Mathematics/Computer science – 40, B.A in Journalism/Psychology/Optional English – 40, B.A in Political Science/Journalism/Optional English – 40, B.C.A in Different Operating systems & programming languages – 80, B.B.A – 180, B.Com – 200, M.Sc in Biotechnology – 45, M.Sc in Microbiology – 35, M.Scin Applied Genetics* - 20, M.Sc in Biochemistry - 15 , MBA in Finance/Marketing/HR/ Systems – 60, M.Sc in Organic Chemistry – 20, M.Com– 40.

*M.Sc (Genetics) discontinued from the academic year 2017-18

Vision

"Preparing men and women for the service of the country"

The Vision of the Institution envisages life-oriented education with the objective of empowering to contribute to the transformation of society by encouraging and moulding them to be socially conscious & responsible citizens.

Visionary Founder of Gokul Education Foundation:

MathikereSampangi Ramaiah (1922-1997) has been Karnataka's illustrious entrepreneur with far-sighted visionary, established the **Gokula Education Foundation** in the year 1962. Dr. M S Ramaiah's ambition to pursue education had impeded due to financial constraints. This dynamic, noble, and industrious stalwart

wanted to provide opportunities to others that he was deprived of education. Accordingly, Now GEF is an education hub with 25 institutions starting from Kindergarten to a state private university with more than 3550 staff, and more than 17500+ student strength.

Thrust areas "Vision Document- 2025" & Strategic Plan:

- To provide World-class infrastructure and resources
- Introduction of skill-based programs as per the New Education Policy (NEP)
- Collaborations with National /International institution of repute
- Achieving the autonomous status for the attainment of intended learning outcomes

Deployment Document 2018-2023"

- Introduce new B.Com (Logistics) and BBA (Aviation)
- 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 in order to develop the research culture and enable applied aspect of teaching and learning.
- Keeping in view the vision, Apart from classroom education, MSRCASC regularly organizes a consortium of collective activities like sending students as scribes for the IDL-foundation, visiting mentally handicapped children school helping children inculcating holistic education, Computer awareness program to the rural school children, visits to CUPA (Compassion Unlimited Plus Action) to improve awareness about animal rights and protection, Collaborated marathon of Green Run with the organization of Human Rights defender to raise environmental awareness, Tuberculosis and AIDS day awareness about human health and impact of the disease, OrganizingBlood Donation camps, Public Counselling about vaccination during vaccination camps, World Environment and Ozone Days are observed by planting saplings and driving the message of responsible consumption.

Mission

"Delivering global quality education by nurturing a conducive learning environment for a better tomorrow through continuous improvement and customization"

A significant accomplishment of MISSION during the last FIVE years

- UGC recognition under 2f and 12 (B) of UGC Act 1956.
- More than **47 Ranks/ Gold medals in Bangalore University Examination from** 2014 onwards till date.
- NIRF 2020 has ranked MSRCASC under 101-150 Rank Band in College category and one among the 4 ranked colleges of Karnataka in the Band of 1-150
- Diverse multi-faculty UG-PG programs and subjects of relevance (Science, Arts, Commerce, Management, Computer Science)
- The incremental increase in the admission during last 4 years
- Introduction of **Two new programs i.e., M.Com and BA (Political Science)**
- Digital and WiFi-enabled campus with an emphasis on ICT in the teaching, administration, finance &

accounts, student admission & support, Examination.

Extension and Outreach activities through NCC, NSS, and YRC

- '**Center for Holistic Education'** organizes student-centered activities for building confidence and character of students with humanity.
- Organization of National/International Conferences/workshops and seminars

The Institution is equipped with laboratories as per the norms of the University. Placement Cell, Women's Cell, Equal Opportunity Cell, Anti-Ragging and Anti-Sexual Harassment Cell, etc. aimed at ensuring security, harmony, and peaceful academic ambiance in the campus.

In order to achieve the mission, quality culture has been practiced and quality policy has been developed to channelize the efforts and measures to provide excellence in academics with the continual improvement of staff and students for a better society. Various quality initiatives have been adopted such as,

- Re-accredited by NAAC with an 'A' grade in the 3rd cycle in the year 2015
- The institution has participated in NIRF ranking 2020 and placed in the rank band of 101-150. The Institution has taken part in NIRF in 2018 and got placed in the rank band of 151-200.
- Modern methods for various initiatives like AAA and Green audit, Space audit, energy conservation audit, etc.
- Faculty Development Programs to enhance innovative blended teaching-learning activities.
- Organizing Staff Development Program for non-teaching staff on regular basis.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strengths

- Permanent affiliated, co-educational, self-financing, multi-faculty, UG-PG College of 25 years outstanding education service. Recognition by UGC under 2f and 12B.
- One of the three colleges of Karnataka placed by NIRF-2020 in 1-150 ranking under college category. One of a few colleges which have already completed 3 cycles of accreditation by NAAC. Re-accredited by NAAC at A grade – CGPA of 3.06. The College has sincere, dedicated, and highly committed faculty focused on the students' growth and development
- Reputed & participative management system, benevolent management with financial stability.
- The positive social perception amongst various stakeholders has resulted in an average admission of more than 97% during the last three academic years against 1000+ UG-PG intake.
- State-of-the-art Physical Infrastructure and learning resources and IT at par with global standards to promote academic excellence
- The diverse UG-PG Curriculum with POs, COs & CBCS and VAPs is integrated with ICT to enhance employability and competency.
- Innovative teaching and learning process and institutional LMS and YouTube Channel are effectively followed to ensures holistic education development of students

- Excellent success rate; significant University Ranks
- Emphasis on student capacity building, inclusiveness, training, activities, and placements/ progressions.
- Thrust to gender, equity, environment, sustainable development, and outcome-based extension activities with good numbers of MoUs with academic and industry.
- Participation in national level MOOCs program

Institutional Weakness

- Limited research grants from Government / Non-Government funding agencies.
- Being an affiliated institution of a state University, limited scope for adopting an interdisciplinary innovative curriculum.
- With the centralized assessment of final examinations, the scope to assess the attainments of PO'S &CO'S is limited.
- Since most of the teaching is for undergraduate programs, such research publications in high-impact journals are not significant.
- There is only a limited revenue generation done through research and consultancy work.

Institutional Opportunity

- Achieving the autonomous status for the attainment of intended learning outcomes
- Apply for 'Star College' status from DBT, Ministry of Science and Technology, Govt. of India in order to develop and promote basic sciences in the college. Thus, to enable enrichment of the applied aspects of teaching and learning.
- Enhance the scope of National/international MOUs and linkages for collaborative research & academic exchanges for the students and faculty.
- With the significant increase in coaching programs for Competitive Exams, the institution aims to create a greater number of placements for the students.
- The establishment of Entrepreneurship Development Cell will help in creating an ecosystem encouraging students for Startups
- To strengthen alumni associations for their involvement in developmental, academic, research, and mentorship activities of the students.
- The opportunity has been created for the development of E-content by faculty for national level MOOCs.

Institutional Challenge

- Difficulty in getting govt. grants for research and development for the self-financing college.
- To innovate VAPs, curricular, delivery, pedagogy, exam reforms, within the affiliating systems.
- Motivating UG teachers to undertake research due to heavy UG teaching workload.

- Difficulty in placement opportunities for graduates of Liberal Arts & Science when compared to Engineering & IT.
- Difficulty in Academic – industry – NGO interactions

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

1. Curricular Planning and Implementation: The institution is affiliated to Bangalore Central University (renamed as Bengaluru City University) and follows the CBCS curriculum prescribed by the university. At the commencement of the academic year, the academic calendar is prepared and strictly followed. The timetable is prepared for every semester which includes bridge courses, slots for core papers, elective papers, soft skills, seminars, and remedial classes.

Teachers take active participation in University Examination and Evaluation work. At present 3teachers are in BOS and 2 teachers in BOE and more than 50 teachers as Reviewers and evaluators.

2. Academic Flexibility: All the 8 UG and 6 PG programs are offered with the Choice Based Credit System/Elective course system. The institution has offered more than 40 Value-added courses/add-on certificate courses on new subjects adding to the total learning experience apart from the university prescribed curriculum. More than 1200 students are benefited from these value add programs.

3. Curriculum enrichment: Bangalore City University curriculum offers courses related to cross-cutting issues like Professional Ethics, Gender Equality, Human Values, Environment, and Sustainability in UG/PG programs. At the institutional level, several activities are conducted by clubs and cells of the college to give a more holistic approach to these issues. 35% of the courses in the curriculum include experiential learning through project work/fieldwork/internship.

Women cell and Gender Equity Cell has organized various activities on gender, human values etc. The college also celebrates world hunger day, international women's day, world environment day, water day to make the students aware of the cultural, environmental surroundings, and its impact on human life.

4. Feedback system

Feedback from all stakeholders like students, teachers, alumni, parents, and employers are collected(Manually till 2018) regularly on curriculum design and its implementation by the institution. Feedback thus collected is analyzed by the IQAC Cell, communicated to the concerned, and reported to the Board of Management. Appropriate actions on analyzed feedback are a regular feature of the college and are communicated to all concerns. Feedback is collected in online mode through ERP software for the year 2018-19 onwards.

Teaching-learning and Evaluation

1. Student enrollment and profile: More than 95% admission against sanctioned intake. 70% of the Students from reserved categories are admitted as per the GOI and GOK policy during the last 5 years. Concession on fees for meritorious students at the time of admission.

2. Catering to student diversity: Orientation and Bridge Course at the departmental level before the commencement of any program. Career counseling, workshops, and professional courses like CA, CS CMA, ACCA are offered along with the training institution for Advanced Learners. Remedial class for Slow Learners is conducted regularly to enhance their learning levels. College is maintaining 27:1 student-teacher ratio. The institution is recognized as a local chapter for NPTEL, teachers, and students take courses regularly every semester.

3. Teaching-Learning Process: Adequate provisions are given for divyangjan. The faculty adopts innovative teaching methods like Role Plays, Group Discussions, Industry Visits, Mini/GroupProjects, Expert Talks, Industry-Academia interaction, Case Studies, Conferences and Conclaves, experiential & problem-solving methods along with Chalk & Talk. Series of events are conducted by various committees of college to widen their holistic and life learning skills. All teachers use ICT tools for effective teaching with a learning management system. An effective mentoring system is followed by maintaining a 27:1 Student to mentor ratio.

4. Teachers' Profile and Quality: Management is keen on recruiting the faculty with the required qualifications as per the requirement based on the workload. More than 50% of teachers are with Ph.D. 25% of the staff are with NET/ KSET qualifications and the average experience of all the teachers is around 10 years.

5. Evaluation Process and reforms: Internal evaluation is robust and conducted as per the academic calendar prescribed by the Bangalore Central University. Continuous Internal Evaluation (CIE) is scheduled with two IA test. Question papers for the IA test are prepared mapping POs and Cos and attainment is done using the ERP software. Subject teachers evaluate the answer scripts of IA and provide feedback to students followed by counseling. Grievancerelating to internal assessment and university exams will be handled at different levels in the college.

Research, Innovations and Extension

Research promotion policy provides facilities, incentives, and training to researchers.

1. **Resource mobilization for Research:** The College received 3 funded projects from the Foundation RHP, Department of Science, and KSCST.
2. **Innovation Ecosystem:** Institution has conducted more than 100 workshops/seminars on different issues of Research, IPR, and entrepreneurship during the last 5 years. The institution has established a Ramaiah –GIGA Incubation Center to conducted a discursive session with students on how the identification of key aspects of entrepreneurship, converting an idea into a feasible business plan, develop leadership and team-building skills, and gain network with business leaders & entrepreneurs.
3. **Research Publication and Awards:** There were around 147 papers published in reputed journals. 38 publications in conference proceedings. Around 11 books and chapters in edited volumes/books and papers in national and international proceedings for the last 5years.
4. **Extension Activities:** 66 extension activities have been conducted during the last 5 years. The institution has NCC (Army &Airwing), NSS, and YRC units actively organizing extension activities. The institution has received an appreciation letter from the local government for extension activities organized in the nearby villages. 21 awards/recognitions are bagged by students from various academic and non-academic bodies for their service and talents.

The College has an enviable record in organizing and implementing activities like Pulse Polio Programme, Blood Donation Camps, Women Empowerment program, Gender Equivalence activities, and visits to

orphanages to reach the needy. The YRCW and NSS units sensitize students and village communities about Swatchtha and lake restoration during 7 day NSS camp. Hundreds of saplings are planted and distributed on Vanamahotsava day annually. Health and social awareness programs on Hygiene and Sanitation, AIDS Awareness, Awareness on drug abuse, First Aid training, women and child care, financial planning, waste management, traffic awareness, Dengue Awareness, Cancer Awareness are planned and executed by NSS, YRCW, and NSS wings.

5. Collaboration: Institution has 22 MOUs, 1 with NGOs, 10 with other institutions, and 9 with industries, for organizing activities, value add programs, internships, and student development programs. Departments take initiative to take students on industrial and field trips to enhance their knowledge.

Infrastructure and Learning Resources

1. **Physical Infrastructure:**The college has 230315 sq. ft. built-in area, with five floors and three basements, with adequate parkingfacility, is available for both two and four-wheelers. The building has three lifts, two ramps, and 36 restrooms . Classrooms equipped with LCD Projectors, Computer Labs, Laboratories, Seminar Hall, Conference Halls, Auditorium, Library, Cafeteria, Common rooms for boys and girls, Reprographic Centre, adequate Recreational spaces, basic amenities like water, electricity back up, CCTV , Hostels, sports complex, gym, yoga center etc. are provided

2. **Library as Learning Resource:**The fully automated Library comprises of Reference Hall, Digital Library, Reading Hall, Departmental Library, Periodicals-cum-CD Section for accessing e-resources, Circulation Counter. Library services are fully computerized to handle routine work of Issue and Return of books online with the help of Libsoft 9.8.0 software. Online Public Access Catalogue (OPAC) terminals are provided in the library. The library has remote access to all e-publications through EBSCO, J-GATE, IBI,E-Books & DELNET. E-libraryis equipped with 10 computers. Theaverage annual budget for library is Rs. 10 Lakhs.

3. **IT infrastructure:** 260 computers including access to internet with the speed of 100 Mbps and Wi-Fi are also available 24x7. Effective modern ICT resources like LCD equipped classrooms,Computer-aided teaching materials , nine scanners, 27 printers, 10 Tabs, internet, TV, Educational CDs are also made available to Faculty members and students.YouTube channel and 360o + 1 newsletter to keep students updated about every activity of the college . 84 Closed Circuit Television cameras (CCTV) are placed at the various locations of the campus and classrooms, of which 32 are Digital Video Recorder cameras (DVR), and 52 are Network Video Recorder cameras (NVR).

4. **Maintenance of Campus Infrastructure:**Regular maintenance and upkeep of IT facilities and equipment is entrusted through Annual Maintenance Contracts with by Aditya Systems & Solutions. Maintenance of physical infrastructure, building, class rooms, lab etc. a dedicated maintenance engineering department of GEF works 24 x7. All the departments follow well-established procedures to ensure proper functioning and maintenance of all laboratory equipment's and stocks register is maintained. The College has a well-furnished hostel facility.

Student Support and Progression

1. Student support: Around 650 deserving students have received Government Scholarship as per the GOI and GOK guidelines. The institution supported more than 930 students at the time of admission with the Institutional / Ramaiah Memorial Scholarship for deserving students. More than 900 students are benefitted during the last 5 years by the institutional scholarships extended by the management. An average of 40% of the students are benefitted from career counseling and competitive examinations in the last 5 years. The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases. Yoga and personal counseling sessions help students in excelling in academic performance and personality development.

2. StudentProgression: Equal Placement opportunity is provided to all the eligible students of the college by the placement cell. An average of 18% of students is placed during the last 5 years through campus recruitment. The excellence and expertise in their specialization help students to have a better progression in higher education such as post-graduation, enhanced enrolments in the study of Doctorates in specific areas of interest. 35% of the students are qualified in-state/national/ international level examinations. The advanced learners are motivated to attain better capacity enhancement certification to build their profile of education, clearing competitive exams such as GATE, UGC-NET, KSET.

3. Student Participation and Activities: More than 130 awards and medals for sports/cultural activities are won by students during the last 5 years. Student council is constituted every year to execute the active participation of students in academic cultural, social, and extension activities. Students' participation in organizing events is encouraged in academic and administrative levels like department clubs, IQAC, cultural, sports.

4. Alumni Engagement: M S Ramaiah College of Arts, Science and commerce Alumni Association has been registered under Karnataka Societies Registration Act, 1960, on 14/03/2016. The institution has a strong alumni connectivity with noted alumni as members. More than 2000 alumni have registered and Rs. 6,00,000 has been collected from alumni and deposited in the alumni account. Students' Academic Council often collaborates with the alumni students in the activities like cultural events, workshops & training programs.

Governance, Leadership and Management

1. Institutional Vision and Leadership: With a well-defined Vision and Mission statement, the Institution practices decentralization and participative management in academia and administration. The Principal of the college has complete authority about the functioning of the institution. However, The Governing Body guides the Principal regarding the implementation of diligence and empowered to decentralize the academic and administrative activities. Academic Council regularly effectively monitors academic activities. Various Functional-Committees/Cells/Clubs are formed in which representatives of the students are involved

2. Strategy Development and Deployment: Strategic plan and deployment document 2018-23 is prepared in tune with the vision and mission of the college. Thus moving into a fully furnished state of art new building, Modernization of laboratory and equipment, ICT enabled classrooms, Library infrastructure up-gradation, Facilities for e-learning, Safety and Security Management, Rainwater harvesting, Renewable energy usage system, Hygiene, and green campus. Anti-ragging, Anti Sexual harassment cell, Grievance redressal cell, and Women's cell are established.

3. Faculty Empowerment Strategies: Management provides financial support to teachers for attending seminars, conferences. 27 FDPs and PDPs are organized for teaching and non-teaching staff in the last 5 years. Some welfare measures for teaching and non-teaching staff are as follows,

- Provident Fund and Gratuity
- Gratuity
- Health and Group insurance schemes
- Fee concession for meritorious children of staff
- Salary in advance
- Maternity leave, paternity leave facility along with EL and CL
- Annual reward and recognition of all staff

4. Financial Management and Resource Mobilization: Funds are generated by various sources like Fees, Research Grants, Donors, and GEF, etc. Strategies for mobilization of funds and its utilization is managed efficiently by the Finance Section of the college. Internal and External Financial Audit is conducted in accordance with auditing standards generally accepted in India. The external audit is conducted by B N Subramanya& Co. Certified Charted Accountant of Gokula Education Foundation.

5. Internal Quality Assurance System: To promote quality culture in the campus, IQAC brings in quality initiatives such as,

- Regular submission of AQAR
- FDPs and SDPs for staff empowerment.
- Organization of seminars/ Conferences/Workshops conducted on quality aspects and NAAC & NIRF
- Feedback Analysis, ATR, and AAA

Institutional Values and Best Practices

1. Institutional Values and Social Responsibility

The Institutional Values and Best Practices proclaim the nature perspectives of the Institution towards the outside world and its moral values.

1. Gender equity program - Gender equity, gender sensitivity promotion initiatives are organized frequently to facilitate in creating awareness among students and the public about women's rights at home, at work, and in society. Nearly 15 gender equity programs have been conducted during 2014-2019.
2. Environment - The Institution conducts a green audit regularly annually and is committed to an eco-friendly environment on the campus that helps to maintain awareness among students, staff, and faculty about the current environmental challenges, energy conservation. Innovative ideas implemented and the practices adopted towards a common and better future. The renewable resources generated on the campus are used by the institution. The institution manages wastes generated in an efficient manner to reduce the addition of a number of wastes in the environment.
3. Disable friendly campus and inclusion- The college has a disabled –friendly teaching-learning environment and infrastructure. The building is widely designed to help physically challenged students.

4. Professional ethics, Commemorative days and Values- The institution by providing opportunities to participate and celebrate commemorative and national days of importance to imbibe in the minds of students' awareness on contemporary issues, the spirit of Nationalism, and Gandhian Values.

5. Code of Conduct: The institution conducts an Inauguration program in the beginning of the year to ensure that the newly admitted students inculcate the code of conduct.

2. Two Best Practices: The institution provides the platform for online classes, Lecture capturing through ERP software. ICT has enabled any time anywhere and recapitulation sessions from teachers.

The Centre for Holistic Education conducts special initiatives like Conservation of Water, women empowerment, gender-related issues, celebrates special days to make the youngsters evolve into better human beings with character, integrity, and social responsibility.

3. Distinctiveness: The College is unique in nature and has its own distinctiveness which makes it unequivocally one of the best in the country in terms of the quality of education provided as well as the overall development of students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	M. S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE
Address	M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, MSRIT (PO), M S R NAGAR, BANGALORE
City	BANGALORE
State	Karnataka
Pin	560054
Website	msrcasc.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	A Nagarathna	080-23607858	9980066012	-	iqac@msrcasc.edu.in
IQAC / CIQA coordinator	KARANAM KAVITHA	080-23600966	9448346404	-	iqac.msrcasc@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	01-06-1994

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Karnataka	Bengaluru Central University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	20-12-2017	View Document
12B of UGC	20-12-2017	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2019	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, MSRIT (PO), M S R NAGAR, BANGALORE	Urban	2.913	5.055

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,Humanities	36	PUC	English	40	39
UG	BA,Humanities	36	PUC	English	40	30
UG	BBA,Management	36	PUC	English	180	178
UG	BCom,Commerce	36	PUC	English	200	199
UG	BSc,Science	36	PUC	English	40	37
UG	BSc,Science	36	PUC	English	60	60
UG	BCA,Science	36	PUC	English	80	80
UG	BSc,Science	36	PUC	English	160	153
PG	MBA,Management	24	GRADUATE	English	60	57
PG	MCom,Commerce	24	B.COM OR BBA	English	40	35
PG	MSc,Science	24	B.SC	English	35	34
PG	MSc,Science	24	B.SC	English	45	40
PG	MSc,Science	24	B.SC	English	15	14
PG	MSc,Science	24	B.SC	English	20	18

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				5				6				87
Recruited	3	2	0	5	2	4	0	6	26	61	0	87
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				43
Recruited	22	21	0	43
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	2	0	0	2
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	2	0	0	3	0	15	31	0	53
M.Phil.	1	0	0	1	1	0	3	10	0	16
PG	0	0	0	1	0	0	8	20	0	29

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	1	0	0	0	0	0	1	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	4	0	4

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	1	3	0	4

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	233	141	1	0	375
	Female	290	112	0	0	402
	Others	0	0	0	0	0
PG	Male	40	34	0	0	74
	Female	85	34	0	0	119
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	22	17	24	26
	Female	19	31	16	47
	Others	0	0	0	0
ST	Male	7	11	5	6
	Female	8	8	12	15
	Others	0	0	0	0
OBC	Male	135	83	117	149
	Female	121	114	158	152
	Others	0	0	0	0
General	Male	283	379	303	276
	Female	159	269	237	259
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		754	912	872	930

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
561	506	506	539	539

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
12	12	12	13	13

2 Students

2.1

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2578	2431	2189	1838	1902

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
459	456	456	371	321

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
829	696	577	568	608

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
95	86	84	82	79

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
101	90	92	87	84

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 47

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
560.10	645.20	321.76	613.42	1350.43

4.3

Number of Computers

Response: 260

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

M.S. Ramaiah College of Arts, Science and Commerce (MSRCASC) caters to the needs of young minds in their formative years of learning and career building. It is affiliated to Bengaluru Central University, and strictly follows university prescribed curriculum and takes efforts to achieve academic excellence & professional competency by adopting academic flexibility measures. Academic year commences with an Orientation Programme for the new batch of students at the beginning of the session.

Curriculum planning and implementation: Effective Curriculum Delivery:

Academic council of the institution takes the responsibility of effective curriculum delivery and planning curriculum enhancement programs through well-structured academic calendar to include various curricular and co-curricular activities like bridging the gap with industry expectations, skill development and value addition programs and faculty training. It consists of Principal, Heads of Departments and IQAC.

Planned Process

- **At the commencement of the academic year, the HoDs along with Principal engage in a brain storming session with regard to teaching-learning activities keeping in view the outcomes of the previous academic year.**

- **Academic Calendar is prepared by the academic council to fulfill the objectives of the curriculum delivery keeping the schedule of the university on the bodies.**

- **Orientation Programme is scheduled in the first week of every semester, for the fresh batch of students to provide an insight to the curriculum.**

- **Time-Table Committee prepares a master timetable at the college as well as department level that includes Bridge courses, slots for core papers, elective papers, soft skills, seminars, guest-lectures, Mentor-Mentee activity, and Remedial classes of various departments.**

- **Program Outcomes (POs) & Course Outcomes (COs) of all programs are well defined and disseminated to all stakeholders through the website. Progress of the syllabus coverage and curriculum delivery are reviewed through the lesson plan and work diary of the faculty members.**

- **Eminent Academicians & Industry Experts are invited for delivering lectures on current**

trends related to curriculum. In order to bridge the gap between industry and institution.

- **Different Pedagogy in teaching such as blended lecture methods, participative, experiential learning, ICT, Computer Based Learning (CBL), Self Directed Learning (SDL) apart from Chalk and Talk are adopted in curriculum delivery. These initiatives and methodologies have resulted in excellent results in the past five years.**

- **Two internal assessments in a semester keep the students abreast of the subject, making their continuous learning process easy and stress-free.**

- **Teachers are trained on a regular basis through Orientation Programs, FDPs, and Online workshops, to enhance their ideas to impart global knowledge & life skills to the students.**

- **The Institution has a well-equipped Library with reference books, journals e-learning resources and newspapers thus provide vast resources related to academics and competitive exams.**

- **Feedback on curriculum is collected, analyzed, and communicated to the University to upgrade the curriculum based on past experiences. The faculty members of this institution, nominated on the BOS and BOE contribute in providing the expectations of various stakeholders on the basis of feedback collected from the students.**

File Description	Document
Upload Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

The academic calendar serves as an informational tool to plan the academic activities for students, faculty, and staff of the institution. The academic calendar is well disseminated on the website, so as other stakeholders are informed regarding the activities and events happening in the institution. The calendar includes dates for admission, the commencement of classes, workshops, seminars, practical exams, Continuous Internal Evaluation (CIE), and University Exam

Continuous Internal Evaluation process:

1. Announcement of overall structure schedule of CIE

The College has an Internal Assessment Examination Committee (IAEC) to oversee the conduct of the Internal Assessment Tests. Test dates are announced one week in advance by the Coordinator to the and individual departments IA test accordingly. Timetables are then displayed on the

department notice boards, institutional websites,s and through WhatsApp student groups. The syllabus for IA is announced a week in advance by the concerned subject teachers.

2. Setting of Question papers:

Faculty set the question paper keeping POs and COs and unitized syllabi and University examination pattern in consideration. CO and PO attainment is made through online ERP software. Question papers are submitted to IAEC 3 days before the commencement of the IA test.

3. Conduct of Internal Assessment Test:

The committee conducts the exams in Specific answer booklets which shall be distributed to the departments on the date of the examination.

Evaluation of IA answer scripts:

These remarks on the evaluated answer scripts help students in analyzing their mistakes and significant improvement in the subsequent IA test.

4. Dissemination of IA marks:

IA marks are announced, and the answer booklets are distributed in the class within the next 5 days from the conclusion of the IA test. IA marks are displayed on the notice board. An option is given to the students to bring their grievance if any to the concerned subject teacher and/or HOD to solve it within 5 days from the announcement of IA marks.

5. Action is taken for the improvement of student performance

Mentors/Class Teachers identify the slow learners based on the IA marks and classroom dynamics and meet the Mentees to motivate and encourage them to make more efforts in their studies thus aiding them to get a better percentage in the university examination.

Remedial Classes are conducted for slow learners to improve their learning patterns. Simplified notes, extra assignments, one to one explanation are some methods employed by teachers in Remedial classes. Likewise, students who are capable of scoring better marks are also coached to get university ranks.

Parents–teacher's meetings are held after the first IA test to update the parents on the progress of their wards in all aspects of their performance, behavior, and discipline.

Apart from written tests, students are also given opportunities to do seminars, write assignments, projects, and internships to broaden their skills.

6. Submitting IA marks to University:

Departments prepare a consolidated IA marks list to be uploaded in the university portal before the commencement of theory exams after verifying the same with the respective subject teachers.

File Description	Document
Upload Additional information	[View Document](#)

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

    1. **Academic council/BoS of Affiliating university**
    2. **Setting of question papers for UG/PG programs**
    3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
    4. **Assessment /evaluation process of the affiliating University**

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 12

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 43

1.2.2.1 How many Add on /Certificate programs are added within the last 5 years.

2018-19	2017-18	2016-17	2015-16	2014-15
13	11	7	10	2

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 10.81

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
396	244	226	306	32

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

The Institution integrates Professional Ethics, Gender, Human Values, Environment, and Sustainability issues in the following manner:

I Courses in the curriculum

II Institutional level Clubs & forums to address these issues

I Courses in the curriculum

A. Professional Ethics:

- **Business Ethics: The course helps in understanding norms, values, ethical and unethical practices that guide the business.**

- **Personality development: the curriculum of various courses in the different program includes personality development, communication skills, time management, and other professional qualities and attributes among students**

- **Banking & Finance is taught to non-commerce students who do not study business management or administration. This includes ethical practices in banking and financial areas.**

- **Management Perspective: The paper on Management Perspective is a non-core paper. Such perspectives are important to get managers and supervisors to facilitate employee performance and build relationships with them.**

B. Gender

- **Gender Equality in Curriculum: Issues pertaining to gender discrimination & violence against women are also part of the topics taught and discussed in the BA program. The curriculum addresses Gender issues through particular novels, essays, poems, articles.**

C. Human values

- **Culture, Diversity & Society make the students aware of all aspects of society such as the unique diversity that makes the fabric of India, family values, rural life, and its problems.**

- **Indian Constitution and Human Rights teach students about Fundamental rights and basic freedom that is enjoyed, granted, and guaranteed by the Constitution and the Courts of India.**

D. Environment and sustainability:

- **Environment & Public Health is another compulsory paper that creates awareness among students on environmental issues like global warming, deforestation.**

- **Science & Society students are given a brief introduction to science with a historical outline of**

the development of modern science and the contribution of humankind in its development.

II Institutional level Clubs & committees to address these issues

A. Elixir Club-Department of Business Administration (BBA/MBA)

An activity like A CSR Drive on "Awareness on Ban of Single Use of Plastic" and "Right to Vote" was organized

B. Women cell and Gender equity cell:

- **Women cell and Gender Equity Cell has organized various activities and to name a few, 'Power of girls', 'Gender issues in the workplace', 'Gender discrimination in home, society and workplace, and so on.**

- **Ramadevi of Karnataka legal services clinic addressed students on 16th October 2016 on laws relating to problems faced by women in relation to domestic violence, dowry, rape, sexual harassment, and workspace.**

- **Women's Rights - Ms. Pramila Nesargi, a noted Women's Rights Activist, Lawyer, and Educationist was the Chief Guest to address women staff and students on 'Women's Rights' on 12th July 2014.**

C. The college also celebrates major world awareness days like International Women's Day, World Hunger Day, World Environment Day, World Water Day, Rally for Rivers, and many other events to make the students aware of cultural, environmental surroundings and its impact on the human life.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 35.43

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
184	184	184	193	193

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)
Any additional information	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 37.51

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 967

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)
Any additional information	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: A. All of the above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1.Feedback collected, analysed and action taken and feedback available on website
2.Feedback collected, analysed and action has been taken
3.Feedback collected and analysed
4.Feedback collected
5. Feedback not collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	[View Document](#)
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 87.58

2.1.1.1 **Number of students admitted year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
918	910	906	736	673

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
935	935	955	955	955

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 70.22

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
385	347	261	254	210

File Description	Document
Average percentage of seats filled against seats reserved	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The Institution identifies slow learners and advanced learners under 4 factors over a year.

1. **Performance at PUC/UG level**

2. **Interaction during orientation program & bridge course assessment**

3. **Classroom-Practical Class, Workshops, Group Discussion, Question &Answer Session, Tutorials, Observatory Teaching.**

4. **Performance in Continuous Internal Evaluation (CIE)**

At the beginning of the academic year, bridge courses are conducted to the newly admitted students with different backgrounds to bring in uniformity in the learning patterns. Mentors and mentee lists are prepared by the program coordinators. Faculty members interact with students to identify slow and advanced learners and motivate them for better performance. A systematic evaluation process consisting of periodic tests, group presentations, and class performance is followed to keep track and assess the learning levels of students

Activities for Advanced Learners:

- **Advanced learners are identified by their mentors and subject teachers through one-to-one interaction and are encouraged to score centum and secure University ranks**

- **Students are guided to effectively utilize library resources and are also provided the option to borrow additional books from departmental libraries**

- **Special guidance is provided for undertaking research and encouraged to paper presentations in State/National/International level seminars and motivate them to prepare for competitive exams (UPSC, KPSC & Bank PO)**

- **Active students are assigned to counsel peers in "Peer-Tutoring Sessions" which helps in building team spirit, bonding, responsibility, and leadership qualities**

- **Students are given an extra focus for ICT usage like YouTube Videos, NPTEL learning materials, Swayam platform, and MOOCs as value addition.**

- **Additional coaching is provided to students interested in pursuing professional courses like CA, CS, CMA, ACCA, etc. by enlisting the help of subject matter experts from the fields concerned**

- **Career counseling workshops are conducted in consultation with professional training institutions. Students are made aware of emerging trends and career opportunities to ensure that they pursue meaningful and rewarding careers**

- **Ramaiah IAS Officers Academy located in the Ramaiah campus gives an opportunity to aspiring young minds to prepare for competitive examination.**

The Institution also provides ample scope and opportunities in showcasing students' papers and projects in national and international seminars/exhibitions.

Activities for slow learners:

- **Academically slow learners are given individual attention and coaching and also assigned to bright students in group activities which enables them to gain confidence and reach desired academic goals**

- **Students struggling with inferiority complexes, hearing, language acquisition difficulties, stammering, etc. are exposed to a comfortable learning environment to overcome such issues.**

- **Remedial classes are held regularly after college hours. Tutorials, Classroom sessions, Question and answer sessions, extra coaching at the one-to-one level are also organized.**

- **Special language classes are conducted for students from Non-English medium of instruction in the previous qualification.**

- **Evaluation after each semester to ensure improvement in the performance of students towards the highest percentage**

The summary of Rank holders and Centum Scorers over the last 5 years

Year	Rank holders	Centum scorers	Overall pass%
2014-15	01	-	68.56
2015-16	05	07	80.72
2016-17	11	21	72.00
2017-18	09	36	77.00
2018-19	10	29	83.16

File Description	Document
Upload any additional information	[View Document](#)

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 27:1

File Description	Document
Any additional information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Following measures are taken to make learning student-centric:

Experiential Learning:

"When experience is the core of the learning process, learning takes place naturally"

Practicals for each course like a demonstration, hands-on experience, self-directed learning by doing practical record monitoring, field visit, industrial visit, NSS, NCC camps, excursion, tour & group discussion helps students in experiential learning

- **Well equipped laboratories are available for science students to get a hands-on approach and practical exposure to the concepts taught in the classroom. The experimental procedure is recorded by the students and is continuously assessed based on the University scheme**

- **Group Dissertation Project involving data collection, analysis, interpretation of results, suggestions, and conclusions help in widening the knowledge of students.**
- **Department-level Educational trips, Industry visits, Press visits, Theatre visits, Surveys, etc. are organized to nurture and expand the subject interest and learning experience.**
- **The students are encouraged to take part in various extra and co-curricular activities, intra/interdepartmental, inter/Intra college events which enhance their planning, organizational and managerial skills through events like XTASY (Institution's Annual cultural fest), Commerce Week, Management Fest, Science Fair & Inter-Collegiate Fests**
- **Subject experts from different domains, eminent personalities in the field of Administration, Science and Technology, Social Sciences, Culture & Literature, Media, Business & Commerce, Social Reformers, Entrepreneurs, Artists, etc. are invited as Guest speakers to address students through seminars, ability development programs, workshops, group discussions, and industry-academia interactions.**

Participative learning

Curricular aspects such as Group Assignment, Group Projects, Group Practical, Survey, Practical make theoretical knowledge stronger as per the requirement of present-day learning

- **Students are encouraged to take part in various academic and non-academic competitions/events to widen their holistic and life learning skills.**

- **Mandatory Group events and team building activities (Club Activities, Group Discussions, Projects & Presentations, and Case Studies) are assigned to students which helps them in reflective thinking, team problem solving, and logical addressing associated issues leading to developing collaborative, participative learning skills**
- **Industrial visits are organized so that students gain a better understanding of various concepts they learn and see how these are implemented in a real-world situation.**
- **Activities such as seminars, quizzes, and projects are conducted to stimulate the critical thinking skills of the students. Participation in various national and cultural festivals develop acceptance of unity in diversity as also working with peer groups**

Problem Solving Methodologies:

- **Case studies, live projects, conclaves, and conferences focused on problem-solving methodology provide students an opportunity to weigh, analyze and decide outcomes. Tasks like mind mapping, brainstorming session, issues reflecting on crises management and disaster management, product launch, etc. help students to widen their thinking capabilities under extreme time constraints**

- **Participation as members of various committees enables students to contribute towards solutions for constraints. Simulation sessions are arranged for giving real-life experience to students to teach problem-solving skills for enhancing learning experience Discussion of contemporary issues in socio-economic-cultural context in various courses enhances problem-solving skills while Current Affairs Training enables students to become better decision-makers.**

File Description	Document
Upload any additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

The Institution believes in allowing faculty members to effectively and efficiently use ICT resources and provides complete freedom to decide what ICT teaching tools they wish to use for course delivery. The diversity of the students in terms of their educational background and experiences makes it necessary to implement innovative ICT teaching strategies to enhance learning patterns. The Institution has made conscious efforts in this direction.

More than 85% of classrooms are equipped with LCDs and other teaching aids. Along with the chalk and talk, ICT enabled classes teaching tools to enable students to understand the concepts effectively. Conference halls are available within the Institution's campus which are well-equipped with the latest technology. All the departments are IT-enabled with internet and LAN connectivity.

Tablet computers are also provided by the Institution to the faculty to make the class more interactive and informative. Google classroom session helps students to know the current information which is subject relevant. Online Quizzes and other activities are also conducted through internet facilities

Most of the Departments are equipped with modern teaching aids like computers, LCD, Slide Projectors, Moodles. Science Departments are facilitated with Dry and Wet lab technique for practical work done with technical instruments.

Educational CDs and DVDs are made available as learning material in departmental and main libraries. Webinars and Various e-learning resources such as e-Journals, e-shodhsindhu and online databases such as DELNET are used by the Faculty in effective teaching and learning process

Open Educational Resources such as NPTEL, YouTube Videos, etc. are assessed by teachers and recommended to the students. Faculty and students are able to engage in online classes and content sharing through ERP and mobile app.

Course Duration	Enrolled
Jan-April 2019	1312
July-Dec 2019	218
Jan-Apr 2020	150
July-Dec 2020	1045

File Description	Document
Upload any additional information	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 27:1

2.3.3.1 Number of mentors

Response: 95

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 93.84

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 27.57

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
29	23	26	22	18

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 6.85

2.4.3.1 **Total experience of full-time teachers**

Response: 650.5

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Internal assessment in the Institution is transparent and robust. It follows the regulations of Bangalore University and Bangalore Central University for the internal evaluation process of theory & practical subjects. The process of conducting internal assessment and examination has been conveyed to students and parents during the orientation program at the beginning of every academic year. Similarly, every department also organizes a semester-wise orientation program with parents in the first week of every new semester

The college handbook is prepared and posted on the Institution's website and a website link is provided to students for their references. For subjects with practical exams, marks for the experiments performed are displayed on the department notice boards within a week from the commencement of the laboratory sessions

The process of internal evaluation starts at the classroom level. For every subject, two internal assessments are conducted at the departmental level to give fair chance to the absentees due to permissible circumstances and bring students under a uniform internal evaluation system. The marks are incorporated in the internals along with the performance in assignments, projects, and attendance. The assignments and project topics are given based on the capacity of students and bring out the best as per their intellectual competence

Schedule for the internal assessment test is intimated to the students 10 days in advance despite mentioning the same in the Academic calendar. The syllabus for the test is also communicated to students in the class by the subject teachers one week in advance. To ensure transparency, students are required to write internal exams in blue books provided by the College. The departmental internal exam coordinator under the guidance of HOD, checks the standard of the question paper, keeping into consideration of PO's & CO's The question paper and scheme of evaluation is prepared by the subject teachers

Subject teachers evaluate the answer scripts and provide feedback to students with counseling on how to improve the answers. Students go to the faculty for minor grievances like totaling errors or allotting marks. The faculty concerned deals with the problems.

To provide transparency, marks are uploaded into the Institutional ERP platform. The results are communicated to parents and students to keep them abreast of their progress. Poor performance due to frequent absenteeism is dealt with by informing parents of such students. Parent-teacher meetings are conducted after every internal assessment and feedback about the performance of

students is discussed.

The answer books are collected back and preserved in the departments. Internal Assessments are methodically conducted. Robustness includes Advance Mentoring, Academic Calendar, Grievance Redressal, Internals Uploading in University Portals

Theory, Written-test, practical test, MCQ, Online, Quiz, Assignment, Projects, Seminars are the Modes of Conducting Internal assessments.

File Description	Document
Any additional information	[View Document](#)

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The students are the main stakeholders in any institution imparting education, and naturally, it is the responsibility of the Institution to ensure transparency in all its activities. Grievances associated with the internal and external examination are taken up immediately and necessary amendments and redressal are made.

Internal Examination(CIA):

Teacher Level

Students go to the faculty for minor grievances like totaling errors or allotting marks. The concerned faculty deals with the issue

Department Level

If the faculty member is unable to handle the situation, then the matter is carried on to the concerned HOD. The HOD tries to resolve the issue. If the matter is related to the syllabi or to marks allotted, the HOD will examine it in a transparent and judicious manner

College Level

If the matter is serious and the grievance is against the Department, then the Examination Committee and the Grievance Redressal Cell of the college step to solve the problems. The Grievance Redressal Cell comprising the Principal, Vice Principal, and other senior faculty members of the college, will look into the matter and settle the issue.

External Level:

University Level

If the grievance is related to the course syllabi or evaluation methods, then the matter is taken to the University. The matter is conveyed to the Board of Studies or Board of Examiners and the college ensures that the grievances of the students are dealt with. The common grievance brought to the notice of the committee are:

- **Change of Language opted by the student.**

- **Change of name or Name misspelled.**

- **Results withheld without giving any reason by the University.**

- **Answer Scripts undervalued**

- **Questions are out of the syllabus.**

- **Retotalling, Revaluation, Challenge Evaluation of university examination**

The Principal, who is also the Chief Superintendent of the Examinations, ensures that the information is conveyed to the concerned authority at the University and the grievance of the student is addressed.

Training programs are conducted for both the students and teachers before the examination. The students are trained to enter the personal information properly on the cover page of the answer script and encode them accurately. The teachers are also instructed to ensure that the students enter the information correctly wherever necessary. Any matter reported at any level is recorded and necessary action is taken by the concerned person immediately.

File Description	Document
Any additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Although the Bangalore Central University prescribes the syllabus but does not develop any COs & POs. However, the statutory bodies have prescribed Pos and Cos for some programs. As such, every course teacher articulates on the learning outcomes and program outcome which makes the teaching-learning process more fruitful as students are aware of the relevance of the topic in their pursuit of knowledge.

Development of Course Outcomes:

The program outcomes and learning outcomes are well defined by the HODs after brainstorming with the faculty members. The learning outcomes are prepared using Bloom's taxonomy,

1. Outcomes are complete declarative sentences that will clearly describe the student expectations such as knowledge, skills, and competencies acquired after completion of the course.

2. The outcomes are assessed and evaluated frequently to identify the extent to which goals are accomplished.

3. In order to measure the desired outcomes during the delivery of a program, course curriculum assessment methods are decided

4. The emphasis on the holistic development of students in achieving the career objectives, MSRCASC has a practice of organizing programs like guest lectures, conferences, seminars, and workshops, etc. The institute ensures the evaluative learning process by adopting 3 pedagogical strategies:

1.Instructions: Instructing the students during various stages of their Undergraduate/ post-graduate studies.

2.Designing the learning unit: Although the Institute follows the syllabus prescribed by Bangalore University and Bangalore Central university; still, the institution designs the add-on courses to fulfill the Course outcomes.

3.Delivery and achievement of the course: The student's academic, co-curricular, sports and outstanding performances along with the growing number of placements are the example of the program-specific outcomes.

Mechanism of Dissemination of POs and COs:

1. Workshops are organized to enlighten the faculty members regarding the development of Pos and Cos. Thus, program outcomes and course outcomes are instrumental in achieving the vision, mission, and objectives of the institution.

2. During the orientation program, heads of departments of various programs, explain the significance of Pos and Cos and thus enlighten students regarding the achievement of the desired competency in that particular program.

3. Program outcomes and learning outcomes are prominently displayed in the departmental notice boards and also institution notice board.

4. Program outcomes and learning outcomes are also made available on the college website.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Past link for Additional information	[View Document](#)

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

As a matter of regular practice, the assessment of POs and COs is evaluated based on question papers prescribed for internal Assessment by the institution. Program outcome assessment committees are formed to assess the level of attainment of program outcomes and learning outcomes. Outcomes are assessed and measured to identify the extent to which goals are accomplished. The gaps identified after analysis are addressed through the well-defined action plans.

The attainment is assessed based on the performance of the student in the internal assessment as well as external university examination. Furthermore, IA also includes Assignments, presentations, and other academic activities.

- **The outcome assessment plan also specifies the performance targets/criteria (measurable objectives) used by the domain to determine the extent to which the program learning outcomes are being achieved.**

- **The assessment of student learning outcomes is done using direct and indirect measurement tools.**

- **Assessment methodology/tools are decided to keep in mind the parameters/learning outcomes to be measured and the desired emphasis during the delivery of a program as prescribed.**

1. **Conducting workshops for developing the program's educational objectives and learning outcomes at the institutional level.**

2. **Course outcomes are stated in the master session plan.**

3. **Program outcomes and program learning outcomes are made available on a website to the faculty members.**

1. The Course-level Assessment includes:

- **Continuous Assessment having 40-60% course objectives, learning outcomes and pedagogy is**

followed for continuous assessment

2. The Program-level assessment (PLO) includes:

- **Assessment of PLO through direct & indirect methods of assessment**

- **Assessment methodology/tools such as comprehensive examination and surveys are decided keeping in mind the parameters/learning outcomes to be measured and the desired emphasis during the delivery of a program as described in the curriculum.**

- **Theory (MCQ, SAQ, LAQ), practicals, Objective Structured Practical Examination, Viva-voce, project work, assignments, dissertation, Self Directed Learning, (seminar, GD) helps in assessing the attaining of POs & COs, both in CIA, Semester End Examination and its comparison with marks and class obtained at the course and program level.**

Based on the results of the implementation of the outcome assessment, gaps in the desired target and the results achieved for each program are identified. In the outcome assessment implementation report, an action plan is developed to address these gaps.

File Description	Document
Upload any additional information	[View Document](#)

2.6.3 Average pass percentage of Students during last five years

Response: 71.85

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
652	525	432	402	362

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
829	696	577	568	608

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process
Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 4.14

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	4.01501	0.12

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 8.42

3.1.2.1 **Number of teachers recognized as research guides**

Response: 8

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 15

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	2	1

3.1.3.2 **Number of departments offering academic programes**

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	4	4	4

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The institution constantly strives to inculcate creative thinking habits in students and staff to meet current global demands and expectations. Several methods are adopted to achieve this which includes Industry-Institute Interactions, Research and Development activities, Entrepreneurship Development activities, and encouraging Intellectual Property generation.

A **Research and Development** Committee was established in 2014 with the objective to promote research culture among students and staff. The Committee has charted a well-defined **research policy** and has carried out several activities to date, which includes 4 student project grants from Karnataka State Council for Science and Technology and an International project grant from Stichting RHP, 's-Gravenzande, Netherlands. Faculties are encouraged to enhance their knowledge through Summer Research Fellowships and Training Programs as well as were provided with financial supports to attend/present their research papers at National and International Seminars, Workshops, and Conferences. Several interdisciplinary research activities were carried out in collaboration with M S Ramaiah Hospital.

To bridge the gap between Academia, Research Industry, and commercial sectors several activities have been carried out to date through **Industry-Institute Interactions.** Experts from various sectors were invited to the college to deliver seminars and lectures. Around 400 students have availed internship opportunities at different Industries, Companies, and Research Institutions through these interactions, as well as several industrial visits for students arising out of these.

Most notable among these interactions is the signing of **an MoU with Biocon academy**. After the

MoU signing, RCASC and Biocon academy finalized a program for an 8-week duration comprising 400 effective hours, which includes 135 hours of classroom teaching, 160 hrs experiential learning, 40 hrs hands-on training, 45 hrs in-class activities, and 20 hrs promotional skill training. Selected faculty visited the Biocon facility for Industry orientation to gain expertise in the QCA program and were later included as resource persons for the program. After rigorous screening, Biocon enrolled 18 students from all over India of which 5 students were from Ramaiah college. All were placed in the Biopharma industry after the program.

The College encourages students to pursue entrepreneurship-related activities and towards this end, an **Entrepreneurship Development Cell** was established which has carried out several activities including Management fest for BBA students, Commerce week for B.Com students, Soap making, candle making, phenyl and perfume preparations for Chemistry and Biochemistry students, Fermentation and Winemaking for Biotechnology, Genetics and Microbiology students, 3D Game designing and Digital marketing for BCA students, as well as making of Paper bags, Paper dustbin liners, paper trays, paper, photo frames, quilling or paper filigree for BA students. The College has also signed an **MoU with GiGa Innovation Center (GIGA) Inc.** to facilitate guidance and provide resource support to aspiring student entrepreneurs.

The College is part of **Ramaiah Intellectual Property Rights Cell** in collaboration with Karnataka State Council for Science and Technology's Patent Information Cell. The main objective of the Cell is to create awareness about Intellectual Property rights and to guide faculty and students on the protocols concerning patents, copyrights, trademarks, and geographical indicators and has conducted various activities to date.

File Description	Document
Upload any additional information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 106

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
21	28	22	19	16

File Description	Document
Report of the event	[View Document](#)
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 8

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
Any additional information	[View Document](#)

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.16

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
17	15	21	23	23

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)
Any additional information	[View Document](#)

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.58

3.3.3.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
11	27	5	4	2

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

Social Issues identified by the institution to sensitize students for their holistic development are as follows,

- Environment and ecosystem – greenery waste management
- Public Health & hygiene – vaccination – nutrition
- Literacy – Digital and Science related literacy programs, Technical skills.
- Philanthropic activities – Volunteering activities, NGO, youth forum, orphanages.
- Leadership development – Interaction with the rural community, Spiritual leaders.

Outreach and extension activities like awareness on cleanliness, AIDS, Cancer, Eco Ganesha, Blood donation, Swachhatha Mission, Lake Restoration, waste management, tree plantation, pulse polio program, etc. conducted by MSRCASC are voluntary undertakings. MSRCASC has a legacy in organizing and implementing activities.

Activities conducted on significant days

- As part of the celebration of special days related to **Environment and Health, through observation** of World Water Day, World AIDS Day, International Yoga Day, International Youth Day, and Vanamahotsava day, **By observing these days** our students take initiative to learn and spread the message on various social concerns by conducting debates, poster making and poster presentation, seminars, organizing street plays, walkathon, **serving in the neighborhood**, etc.
- The organization of activities on **Environment and Health** provides students a platform to **create** awareness within the campus and also in the neighborhood. These activities sensitize the students to

realize the significance of these days and find solutions related to social issues, Health, and the environment. **This, in turn, contributes to the Holistic development of students and society at large.**

Awareness activities

- **Neighborhood community sensitizing** activities related to Health, hygiene, and sanitation, awareness on drug abuse, first aid training, waste management, lake restoration, and traffic rules programs are planned and executed with the help of professionals from health centers and other NGOs.

- Through these activities, our volunteers get the opportunity to render their service in the **Neighborhood community** to overcome the above-mentioned problems related to public health and the Environment. By conducting these activities our students understand the cause and consequences of the issues and learn to find solutions to these problems associating with the general public.

Collaborative extension activities

- Activities like Pulse Polio Program, Blood Donation camps in collaboration with health Centers, general, dental, and eye check-up camps are organized every year in association with M.S. Ramaiah Medical and Dental College. First aid training, disaster relief exercises, collecting funds in times of natural disaster, etc. are organized under the guidance and assistance of the Indian Red Cross Society, Bangalore. Every year through blood donation camps, more than 750 units of blood are collected and donated.
- Through pulse polio drive, our volunteers help in reaching polio vaccine to all children below five years in our BBMP ward No 35, and 36.
- Through Dental and eye Check-up camps, the faculty and students are diagnosed and treated free of cost.
- By giving first aid training and Disaster relief exercises, we commit students to assist in NDRF (National Disaster Response Force) activities.
- Through fund collection and donation during times of natural calamities, we assist the affected individuals to a small extent.

File Description	Document
Upload any additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 21

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
9	4	2	4	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 66

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
23	15	10	13	5

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 52.39

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration**

with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1180	946	1009	1551	890

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 11

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
4	3	2	1	1

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 22

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
10	8	2	0	2

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

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Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Infrastructure facilities provided by M.S.Ramaiah College of Arts, Science and Commerce comply with the norms specified by various regulatory bodies. The infrastructure set up of the entire campus aids teachers and students towards achieving academic excellence.

The college has a 230315 sq. ft. built-in area, with five floors and three basements, with an adequate parking facility. The building has three lifts, two ramps, and 34 restrooms exclusively for males, females, and Divyangjan

The Institution has well-equipped classrooms with LCD projectors, laboratories, computer labs, seminar halls, central and departmental libraries. There are 260 computing systems with round a clock Wi-Fi facility with 100 Mbps bandwidth and 1 GB download capacity on campus.

The Institution follows ICT enabled practical oriented, learner-friendly modes of instruction to make teaching-learning practical and student-friendly. The use of ICT has positively impacted the intellect of our students' needs.

To facilitate co-curricular and cultural activities, the college has three auditoriums and three seminar halls with plug and play facility to cater to the needs of the audio-visual necessity of the events, with a seating capacity of 200 in each seminar Hall and 500 in the auditorium. A separate Greenroom facility is available adjacent to each auditorium.

The college's central library is well equipped with a digitized database and RemoteLog access to e-resources. The library is enriched with a large section of reference books, issue books, and e-resources.

To make learning practical and research-oriented, the college laboratories are well equipped and timely upgraded with multiple sets of apparatus. A separate research lab with advanced instruments is available for promoting research in the field of life sciences. A sophisticated Media lab provides practical exposure to students in the field of journalism. Additionally, the college has a dedicated language laboratory to engage students to actively participate in language learning activities.

Available physical infrastructure is optimally utilized beyond regular teaching to carry out research projects, certificate courses, co-curricular activities, proctor meetings, placement training classes.

Details regarding infrastructure and learning resources

Description	Number
Instructional Rooms	42
Laboratories	20
Plant Tissue Culture	1
Animal Cell culture	1
Research Labs	2
Computer Labs	4
Seminar Halls	3
Business Lab	1
Language Lab	1
Library	1
Auditorium	1
Placement Cell	1
IQAC Cell	1
NCC Army and Air-wing	2
Cultural Room	1
Women's cell	1
Media Lab	1
Sports Room	1
Administrative Rooms	13
Xerox Centre	1
NSS	1
Washroom-boys	16
Washroom-girls	18
Girls common room	1
boys common room	1

Enhancement in the built-up area is as follows:-

- **MSRCASC has a strategy for the enhancement of infrastructure in order to support a high-quality teaching-learning environment. In this regard, the college has increased its built-up space from 8780 sq. ft. in 2014 to 230315 sq. ft. in 2019 provides adequate infrastructural facilities.**

Additional Facilities:-

The GEF campus has a Bank with ATM, Post office, Daycare center, Refreshment centers, Hospital, and Hostel facilities are available for the staff working in Ramaiah. Furthermore, as part of the MSRCASC green initiation, the college has a sewage treatment plant and rainwater harvesting system.

File Description	Document
Upload any additional information	[View Document](#)

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

M.S. Ramaiah College of Arts, Science, and Commerce has exhibited its commitment to provide facilities & training in Sports & Cultural activities.

- The Institution has a spacious sports ground to hold regular training and sports events for athletics (shot put, discus throw, javelin throw, high jump, and long jump pits) and also to organize group events like cricket, football, kho-kho, volleyball, and NCC parade.

- The Institution has a sports room and storeroom for keeping sports equipment.

- There is provision for providing TA/DA to players for participation in University, State, and National level events.

- M S Ramaiah Memorial inter-college Cricket tournament is conducted every year.

- To promote the students' participation at the National & International levels, the college encourages and supports students to enroll in the Sports Authority of India (SAI), District Youth Service and Sports (DYSS) & other reputed Sports Organizations to get trained professionally.

- The college has well organized NCC Army and Airwing units to cater to the needs of aspirational students willing to join the defense services.

- A continuous effort has been made to enhance sports facilities and motivate the students to participate in intercollegiate sports events.

Details	Area	Activity
Outdoor/Indoor facilities		
Multipurpose Ground with pavilion	103X56ft	Athletics
Multipurpose ground	110X110mts	All sports
Basketball court	124X63ft	Basketball
Tennis court (Artificial grass)	106X67ft	Tennis
Shuttle Court (Synthetic)	60X40ft	Shuttle Badminton
Indoor	106X67ft	Carrom-board, Table Tennis, Chess, etc.

Facilities for Culture Activities:-

To facilitate cultural activities, the college has one auditorium and three seminar halls. The staff and students make use of these facilities for unwinding themselves at times by organizing cultural and literary events, Alumni meet, freshers, and farewell events, etc. A separate cultural committee room is available for planning and organizing cultural activities. Further, Participants of the cultural

activities are supported by arranging good choreographer costumes, to give a professional touch to student's performances. Regular coaching is given to students to perform programs at the district and state level. Various events promote leadership and organizational skills and develop communal harmony, cultural and social values amongst students.

Details regarding the infrastructure of auditorium and seminar halls

Description	Auditorium	Seminar hall 1	Seminar hall 2	Seminar hall 3
Area in sq. ft.	4736	2450	2485	1200
Capacity	500	200	200	150
Seating Arrangement	MS chairs-3 seater	Executive cushion chairs	Twin seater benches with desk	Three seater benches with desk
Audio-Video facility	Yes	Yes	Yes	Yes
Air condition facility	Yes	Yes	Yes	Yes
Greenroom facility	Yes	Yes	Yes	No
Washroom facility	Yes	Yes	Yes	Yes
Catering area in sq. ft.	5600			

Gymnasium: - A centralized Gym of GEF, Well-equipped with all the major types of equipment like TreadMill, MultiPress machine, free weights, and aerobic are available on the campus with a trainer to all the members of MSRCASC.

Yoga Center:- In an attempt to improve the mental strength and concentration of all stakeholders of the college, a customized Yoga Centre is available with charts and other facilities for the conduction of yoga sessions, with the help of a well-trained yoga tutor.

File Description	Document
Upload any additional information	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 47

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 50.98

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
220.32	328.53	71.44	359.58	1132.03

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The MSRCASC Library is a gateway to a world of Information. The Staff and students have unlimited access to a wealth of Information found in resources like books, magazines, Journals, Hand Books, Annual reports.

MSRCASC was one of the few institutions which had installed LibSoft 9.8.0 Library Automation (Library Management System) in the year 2007 and have been upgraded regularly. At present ILMS is fully automated includes books, non-books, and periodicals. In addition to providing access to its printed resources such as books, periodicals, the library is equipped with e-resources and INFLIBNET NLIST for the use of faculty and students at the college campus.

Fresh books are procured on the recommendation made by Library Committee which also takes into consideration the users' requirements. Books are accessioned and organized through Dewey Decimal Classification (DDC). Library circulation policy is effectively implemented.

Library Collections:

SN	Description	No's
	Books	
1	No's of Volumes	24,437
2	No's of Titles	11,339
3	No's of Reference Books	3,132
	***Reference Books includes in Volumes.**	
	Non Books	
4	Annual Report	16
5	Bound Volumes	744
6	Charts	02
7	Compact Disks (CD's)	483
8	Complimentary Copy	364
9	Donated Books	288
10	Project Report and CD's	198
	Periodicals	
11	No. of Periodical in the Library	118
12	No. of International Journals	09
13	No. of National Journals	50
14	No. of Magazines	38
15	No. of Daily Newspapers	21
	***Periodicals include Journals, Magazines & Newspapers.**	
	E-Resources	
16	No. of E-Resources available in MSRCASC Campus	08

E-resources, the number of journals and books have increased in number considerably in the past years and thus the usage of library has increased. Best library user awards is awarded for staff and students to promote reading habits.

Library Services:

1. E-Resources Facility
2. Library Electronic Services (LES)
3. SC/ST Book Bank Facility
4. InterLibrary Loan (ILL)
5. Reference Service
6. Referral Service
7. Reprographic Service
8. Wi-Fi
9. Digital Library
10. Computerized Services – Books Circulation through LMS

Library Institutional Membership

1. DELNET (Developing Library Network)

2. British Council Library, Bengaluru
3. INFLIBNET N-LIST
4. Bangalore University Library

Best Practices of library

1. Observation of other library practices by institutional visits
2. User Orientation (Information Literacy Programme)
3. Extended Library Opening Hours
4. Maintenance of Service Areas
5. Access to e-Resources
6. Library Book Exhibition
7. Best Library User Award

User Feedback Practice thru Suggestion Box

File Description	Document
Upload any additional information	[View Document](#)

4.2.2 The institution has subscription for the following e-resources

1. **e-journals**
2. **e-ShodhSindhu**
3. **Shodhganga Membership**
4. **e-books**
5. **Databases**
6. **Remote access to e-resources**

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 9.76

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
16.28	7.61	7.68	9.72	7.49

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 8.64

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 231

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

We are equipped with all the necessary ICT infrastructure to felicitate the Teaching-Learning activity for our stakeholders.

- To ensure that effective classroom delivery, information sharing, and knowledge assimilation, 33 classrooms equipped with plug and play LCD projectors
- In 2015 we had around 140 systems with the required software. The systems are updated as per the need both in terms of software and hardware in order to cater the needs of the students to successfully complete their practical session as per the university curriculum.
- There are 260computers including Laptops equipped with 4GB/8GB RAM with i3/i5 processor, 500GB/ 1 Terabyte HDD with network facility available across the college.

Year	2014-15	2015-16	2016-17	2017-18	2018-19

No of computers	140	150	170	216	260

- There are 9 scanners, 27 printers, 10 Tabs and storage devices with internet facility & UPS in the college.
- The institution is equipped with a free Wi-Fi facility for staff and students with a speed of 100 Mbps and a download capacity of 1GB for students and staff per day to gain additional information related to the curriculum.
- The college YouTube channel and newsletter 360o+1 keeps the students: present and alumni informed of all the activities of the college.
- All the departments are given ICT facilities for them to use in classes for content delivery in form of PowerPoint presentations, documents, and audio-video.
- Students are given access to the digital content of the department like lesson plans, question banks, assignments, notes etc. for repetitive use.
- The software and hardware are updated from time to time. All the systems are armed with Licensed Kaspersky Endpoint Security 10 antivirus and firewall Cyberoam CR200 Series for Windows to tackle Malware/ Virus problems.
- The antivirus is renewed once every three years and was later renewed in the month of January 2019.
- The computers of the college are connected with printers and scanners wherever required.
- Language lab is augmented with software and digitized audio-video materials to develop communications skills among students.
- Computer Labs, Library (OPAC), and Mathematics lab have the latest software. An apple training lab with 30 systems is functional to enrich the knowledge of students.
- Surveillance cameras are installed at strategic locations of the campus for safety and security purposes.
- 84 Closed Circuit Television cameras (CCTV) are placed at the various locations of the campus and classrooms, of which 32 are Digital Video Recorder cameras (DVR) and 52 are Network Video Recorder cameras (NVR).

File Description	**Document**
Upload any additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 10:1

File Description	**Document**
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 30.42

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
235.86	193.22	146.35	138.24	162.20

File Description	Document
Upload any additional information	[View Document](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Our institution comes under the GEF (Eng&GS) umbrella. The maintenance of common facilities like Civil, Water, STP, Electricity, Plumbing, and Computers 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 Maintenance Cell of MSRCASC has designated personnel and officials for carrying out and overseeing the maintenance of, classrooms, laboratories Maintenance cell meetings are held quarterly.

The College Administrative Officer regularly monitors and supervises the overall infrastructure and ensures its upkeep, repair, and maintenance within the college.

The civil maintenance is headed by a chief engineer. He is in charge of water and sewage, building,

carpentry and gardening. Each division is headed by a supervisor and employs respective skill workers.

There is a systematic procedure for the purchase as well as maintenance of these infrastructural facilities.

- A proposal is submitted by the HOD to the office.
- It is evaluated by the college office and quotations are invited.
- The quotations are then submitted to the principal for verification.
- The verified quotation is forwarded to the Chief Executive and Chief of Finance for approval.
- The equipment is then purchased and entered into the stock register for maintenance.

At the end of every financial year stock verification is done by the college office. The same process is done for repair, writing off, or repurchase every year.

ICT Maintenance:

- MSRCASC has an independent IT Department for maintaining the IT resources. Annual maintenance contracts with the suppliers of ICT based instrumentation, hardware, and software are in place to take care of the maintenance.
- The persons in charge of computer labs (AMC contracted to Aditya Systems and Services), library, laboratories, etc. look after the maintenance as well. Tie-ups with service providers also ensure infrastructural updates.
- The computers, Wi-Fi facilities in classrooms, LAN connectivity is maintained and upgraded regularly by a team of experts from the IT department.

Electrical and electronic maintenance:

- MSRCASC has an engineering section that looks after the maintenance of electrical installations, lifts, water coolers, air conditioners, and generators. The electrical and electronic equipment is looked after by a team of electrical maintenance staff.

- Annual maintenance contracts for biomedical equipment, computers, and other gadgets are in place. Periodic instructions, reviews, checks, observations by the stakeholders, and continuous monitoring helps in the maintenance of the entire infrastructure.

Academic Support facilities:

- **Library:** The Library committee takes care of the safety and other maintenance issues related to the library. A yearly book audit is conducted across all faculties and departments to check the maintenance of books.

- The central library regularly monitors the condition of the library stock, collection, issue, and maintenance of the books like covering, binding etc.

- Apart from Central Library, we also have libraries at department levels, that permits students to refer.

- **Laboratory:** All the equipments are not only properly insured but also under an annual maintenance contract. Each departmental laboratory has well-established systems for preventive

measures and maintenance records.

- **Sports:** The Sports department maintains the sports grounds, gymnasiums, and indoor games equipment.

Maintenance of Physical Facilities:

- A team of skilled personnel carries out maintenance works related to civil, plumbing, sanitation, water supply, power backup, electric supply, as well as repair of instruments and machines. The maintenance cell undertakes repair work at institutions, support services, hostels, sports, and other central facilities as well as of the campus. Trained personnel take care of housekeeping.
- The maintenance cell also undertakes maintenance of roads, lights, gardens, lawns, pavements, and other public places within the campus. In addition to work-related to landscaping and beautification of the campus.
- Day-to-day maintenance of classrooms, corridors, stairs, ramps, lifts (maintained by Johnson and Johnson) and, washrooms are ensured by the support staff. Manpower is outsourced to M J Enterprises for extra help.
- Water purifiers and coolers, snacks vending machines are installed in every floor and maintained with care.
- The equipment like generators, water motors, pumps are inspected on a weekly basis. Care is taken that they are installed in the outer vicinity of the college so as to ensure that they are out of the reach of the students.

- The Institution provides four-wheelers and two-wheeler parking facilities for the staff and students.
- Four wheeler parking facility is available in Basement -1 (Area-24,486 sqft) with a parking capacity of 100 Cars.
- A Two-wheeler parking facility is available in Basement-2 (Area 24,486 sqft) and Basement-3 (Area 16,000 sqft) with a parking capacity of 1000 vehicles.
- Round the clock security of the college aids in keeping the college infrastructure secure.
- Power back up system enables smooth working of all electronic devices and accessories.

- Fire extinguishers have been installed at crucial locations like corridors on each floor, laboratories etc.

- Energy efficiency is maintained by the use of LED lighting.
- Effective systems for rainwater harvesting bore well recharge, wastewater treatment, solid waste disposal, e-waste disposal, chemical waste treatment is in place at our institution.

File Description	Document
Upload any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 5.6

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
232	177	120	75	41

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 9.58

5.1.2.1 **Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
246	203	236	192	167

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 31.55

5.1.4.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
612	774	555	847	585

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 14.34

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
100	119	87	83	78

File Description	Document
Self attested list of students placed	[View Document](#)
Details of student placement during the last five years (Data Template)	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 47.29

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 392

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education (Data Template)	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 36

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	5	1	1

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
15	10	10	5	3

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 220

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
65	47	34	41	33

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Administrative involvement:

- The student council is constituted every year to execute the active participation of students in academic, cultural, social & extension activities
- The student council members are unanimously selected by their classmates in the presence of the Proctor and discussed with the Principal for decisions to be taken by the administration.
- A student council is a heterogeneous group drawn from various disciplines. Seniors guide and co-ordinate with juniors to organize events
- The Council helps in developing leadership skills, communication skills, management & marketing strategies among the students.

Cultural activities

- Activities such as debate, collage & sketching help in counseling and motivating students in addition to the recognition of their talents

General awareness

- Equal Opportunity Cell provides a platform for both girls and boys to share their views on gender sensitization in society.
- The Council plays an active role in developing awareness programs such as collaborated marathon of Green Run with the organization of Human Rights defender to protect and raise environmental awareness. Tuberculosis and AIDS days are organized to communicate the impact of communicable diseases spreading awareness about human health.
- Regular visits to CUPA (Compassion Unlimited Plus Action) are planned to donate materials &

improve awareness about animal rights and protection.

Academic Activities :

- Annual exhibitions are organized by the Science & Management Club to encourage an entrepreneurial mindset in the students.
- Academic activities mould the students involving in educational programs, socio-cultural activities, career development, alumni interactions, advanced communication skills, innovation, and creativity in the education system.

National & International Days :

- Students celebrate Independence & Republic Days by depicting various facets of Indian culture through cultural programs. World Environment and Ozone Days are observed by planting saplings and driving the message of responsible consumption.

Socio-Cultural Activities

- Students organize and celebrate various festivals such as Ganesha, Onam, and Christmas. The other activities include Cultural, Ethnic, and Women's Day.
- Students are encouraged to take up social responsibilities by organizing blood donation camps to help the needy. During polio vaccination camps, they involve in counseling the residents about vaccination.

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.

Social Responsibilities towards Society:

- Students exhibit social responsibility to the society by a visit to the **Anthara Ganga Manasika Aswastha Makkala Kendra and Residential special school, Sri Krishna Chaitanya,** and provide basic needs to the children in this society, inculcating holistic education among the student community.
- The students of BCA provide a Computer awareness program to the school children of **Sri Venkateshwaraswamy Higher Primary School** & **Kaveri Public School, Kolar**.
- The students are sent as scribes for the IDL-foundation, as one of the regular activities.

The 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

File Description	Document
Upload any additional information	[View Document](#)

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 37.8

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
52	39	36	33	29

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Alumni Association plays a major role in interaction, implementation of policies, and developing a good network. The Association formalized vide a Registration- SOR/RJS/S-629/2015 –16. The office bearers comprising President, Vice President, and Executive Committee members have taken an active lead in the growth of the Institution. The Association started with 220 members, has a membership of 1200 students with a keen interest in the progress and achievements of their Alma Mater.

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:

- Mr. Anand, the President of the Alumni Association, has taken the initiative with a major contribution towards the Association and its activities
- The alumni members contribute towards the Association after the degree program

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. Many departments, especially the BBA department, have adopted alumni interaction with the fresh batch as one of the best practices of the Department. These alumni interactions help to inspire and motivate the juniors to do their best.

Alumni involvement in publications:

- In the Post-Graduate departments such as Biochemistry, Microbiology, Biotechnology, and Chemistry, alumni students are involved in publications of journals.

Alumni as Resource Persons for Career Development:

- Alumni are involved in the career development of the graduating students. Mr. Rajesh A, an alumnus from the stream of Electronics (2017) motivated the EMCs students for their Higher education

- Alumni come as resource persons for conducting workshops in the Institution. A Clinical Research Training was conducted by the MMS in the academic year 2016.
- Mr. Arun Kumar, alumni of BCA, conducted a value-added course on DBMS, a data warehouse. Two students Mr. Muthanna. U and Mr. Rajath Arora conducted a course on IT influence on Routine jobs

Alumni Contribution towards NCC:

- The NCC alumni collectively contributed to purchase a wooden rifle stand and 8 Wooden Rifles. Many students also come to offer advice to the present NCC cadets.

Alumni Motivators for Cultural Activities:

- Cultural events in the college are enriched by the presence and participation of distinguished alumni.

The presence of popular actress Ms. Rashmika Mandanna, an alumnus of BA at **X-tasy2016,** and Mr. Karun Krishna Beatboxing talent and event management expert Ms. Bhanupriya lent grace to these occasions.

 Ms. Karnika Behl, alumni BA was an invited judge for the event "Litereria" organized by the department of English. Ms. Bhanupriya, alumni B.Com, conducted a two-day workshop on "Campus to Corporate" motivating the 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

File Description	Document
Upload any additional information	[View Document](#)

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	[View Document](#)

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Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

VISION

"To prepare men & women for the service of the country."

The Vision of the Institution envisages life-oriented education with the objective of empowering men and women to contribute to the transformation of society by encouraging and moulding them to be socially conscious & responsible citizens

MISSION

"The College shall deliver global quality education by nurturing a conducive learning environment for a better tomorrow through continuous improvement & customization."

The college has a policy document approved by the Governing Body. This policy document was revised on 27th April 2018. Institution Vision and Mission was revised and approved by the Governing Body on 25th March 2015. Based on the vision and mission, MSRCASC has continued its academic journey supported by proactive management, a sound governance approach, and keeping with the commitment to alleviate human values. The Mission of the Institution is rooted in creating an ecosystem that builds & strengthens a vigorous academic environment by focusing on quality teaching-learning, research & innovation, and programs for a better future with the continuous development of the students and the staff.

Institution is recognized under 2f & 12B of UGC act. The Institution abides by the rules and regulations & policies accepted in the Governing Body. The policies are monitored and necessary corrections are made to suit the present-day requirement. The students and staff bring their issues and concerns to the Head of the Department (HOD), who will take them up with the Principal, and subsequently such matters are deliberated with the CFO and CEO.

MSRCASC has established the unique practice of having the Academic Council at the Institution-level comprised of all department heads, administrative in charge, and IQAC coordinator, who monitors curricular and co-curricular activities in the college as per the governing bodies' decisions. Academic Council also keeps a close tab on all the academic departments and units to makes sure that the Institution achieves the set-goals. The academic council also advises the Principal on various policy matters as required.

The Governance is decentralized for better managment and is looked after by various Functional-Committees/Cells/Forums/Clubs in which representatives of the students are also involved. The representation of students in committees ensures the enthusiastic participation of students in various events conducted in the Institution.

The Institution has formulated an elaborate five-year strategic plan (2018-23) to guide in fulfillment of the vision and mission.

Achievements during the last five years due to Governance of Institution:

- **Significant improvement in the admissions during the last 3 academic years, which stands close to 100%**

- **Significant improvement in ICT facilities and its utilization in the Teaching and Learning process in addition to other administration related activities like admissions and fee payment etc.,**

- **Successfully organized National and International Conferences and symposiums.**

- **Digitalization of the Campus in the teaching, administration, finance & accounts, student admission & support, Examination.**

- **WIFI enabled campus.**

Wide-ranging community-outreach programs, awareness drives, NSS and NCC activities, walkathons by the student community, etc. are ample proofs for the efficient governance and leadership management of the Institution.

File Description	Document
Upload any additional information	[View Document](#)

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

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 outcomes in the students. The management, Principal, Vice-Principal, IQAC, teaching faculty, NCC, NSS, student 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 the 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, 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 the governing body and management; and the 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 the 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.

File Description	Document
Upload any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Perspective/Strategic plan and Deployment documents are available in the institution:

Based on the periodic Perspective plan and the growing need to satisfy the stakeholders, the college has designed a Strategic Plan in tune with the Vision and Mission of the college. Strategic Plan is made to guide the development of the college.

Activities showing the deployment of the Strategic Plan

1. The college has introduced two new programs. M.Com Program from the academic year 2019 and BA Program (Journalism, Optional English, and Political Science). Apart from these core programs, the college has also introduced 46 Programs (Value Added Programs, Add-On Courses, and Certificate Programs.)

2. The college has well-qualified faculty members where

- **More than 50% of them are Ph.D. holders.**
- **Faculty are encouraged to enhance their qualification by pursuing doctoral or post-doctoral research.**
- **More than 200 Publications in UGC/Web of Science/ Conference at National / International level.**
- **IQAC conducts Faculty development programs at the institution level apart from orientation programs. Apart from the programs organized by the institution the Faculty members also attend FDPs organized by other institutions.**
- **Faculty along with students have taken up the NPTEL course to enhance knowledge in new dimensions, the institution is identified as a local chapter for NPTEL programs.**

3. The Administration is ERP based. College Management uses minimum paper and the financial transaction is mainly cashless. Payslips and other documents and circulars are sent through digital messages.

4. Apart from the Curricular Activities, the students are given the opportunity to participate in Sports, Cultural, and other Co-Curricular and Extra-Curricular activities.

- **All departments organize club activities to provide a platform for co-curricular activities.**

- **Sports Persons participating in University, State, and National Level sports are encouraged with the reimbursements of expenses.**

- **In the last five years, our students have secured 44 University Ranks and Gold Medals.**

- **Many Departments have hundred percent results.**

5. The College NCC and NSS units. Organize many outreach programs.

- **Visit villages and educate them about various social issues**

- **Organize Blood Donation Camps.**

6. The College shifted into its new building, with the entire necessary infrastructure.

- **The Girl's restrooms are equipped with sanitary pad Vending Machines and Incinerators for effective and Hygienic disposal of used sanitary pads.**

- **Sufficient parking space for both faculty and the students**

- **Lifts are from the basement/parking area to enable differently-abled people to move around. Ramps are also provided for people to use Wheelchairs.**

- **More than 100% of classrooms are equipped with LCD Projectors for ICT enabled classrooms. The entire campus is WIFI enabled to help ICT.**

- **The entire process of teaching-learning is digital. Attendance of the students is managed digitally.**

- **Study Material is also passed on through mails or digital governance apps.**

- **There are almost 260 Computer Systems in the college, and the student Computer Ratio is 18:1.**

- **The College has its own YouTube Channel 360º+1.**

File Description	Document
strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

The main institutional bodies are as follows.

Governing Body: Governing Body of the college is constituted as per the norms of the University. Its main function is to ensure that stakeholders are satisfied with the functioning of the Institution. The Chairman of Gokula Education Foundation is the Chairman of the Governing Body of MSRCASC. The GEF has identified and selected well-known Academicians and other distinguished personalities from various fields as members of the Governing Body.

Administrative Set-up

At the institutional level, the Principal as the head of administration acts as a bridge between the Management and staff. The Principal is assisted by well experienced and qualified members in the Academic Council which include IQAC, all the HODs & Deans of Science & Management Disciplines. IQAC is functioning as the advisory body for various policy matters, structures, and documentation as mandated by the statutory authorities.

Service Rules, Procedures, Recruitment, Promotional Policies

The Institution strictly follows the service rules in accordance with the University norms. The teaching and non-teaching faculties have the benefits of PF, ESI, Casual Leave, Earned Leave, Medical Leave, and Maternity Leave, etc. Recruitment is undertaken by a body comprising of CEO, CFO, Principal, HODs, and Subject experts by following the University norms. (Approved by Governing Body in its meeting 27th April 2018.

Academic Council

The Academic Council comprises of the

- **Heads of the Departments,**

- **Deans of Science & Management Disciplines**

- **Internal Quality Assurance Cell.**

The Principal executes all academic and administrative plans and policies with the help of the Academic Council. Academic Council helps the Principal in administration, teaching-learning, Assessment, and organizing Co-Curricular and Extra-Curricular activities. Academic Council also makes sure that the quality of Teaching-Learning is maintained.

Student Welfare & Support Committees

- **Grievance Redressal Cell**

In order to ensure that grievances are promptly attended and are resolved effectively, the Institution has a separate Grievance Redressal Committee. The majority of the grievances are addressed through formal interactions such as; Parents-Teacher meetings, Mentor meetings,.

- **Anti-Ragging Committee**

It makes sure that there is no incident of ragging in the College and complaints, if any, are resolved through discussions in the Academic Council.

- **Women's Cell**

It looks into issues of women and also makes sure that the necessary infrastructure (well-equipped restrooms and pad vending machines) are provided.

- **Internal Complaint Committee**

It ensures that no such incidents of sexual harassment occur by creating awareness about the issue and promptly meting out punishment for the same if necessary.

- **Alumni Association – Creating an engaged, supportive alumni network is crucial to an institution's success. MSRCASC has an Active Alumni Association which supports its Alma mater.**

The Principal takes decisions regarding Financial Matters with the assistance of the Manager, Finance, and office staff after obtaining approvals from the Governing Body.

File Description	Document
Upload any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The MSRCASC has taken various effective measures for the professional development and welfare of the teaching and non-teaching staff. Faculty members were encouraged to pursue Ph.D. The management also encourages all cadres of non-teaching staff to improve their qualifications for departmental promotions.

In addition to the professional development, steps have also been taken to implement welfare schemes for the teaching and non-teaching staff by improving their health, efficiency, economic betterment, and social status to enhance the performance of the workforce. Some of the welfare measures for teaching and non-teaching staff include:

1. **Provident fund as per government norms**

2. **Gratuity as per government norms**

3. **Health insurance schemes (HDFC)**

4. **Group insurance scheme (ESI)**

5. **Fee concession for meritorious children**

6. **Financial support to faculty for attending conferences/ seminars/ workshops in India and abroad.**

7. **Financial support as a loan from 'faculty welfare fund' for teaching and non-teaching staff**

8. **Maternity leave to the women employees, for a period of 135 days**

9. **Paternity leaves are provided for all the teaching faculty and non-teaching staff for a period of 15 days**

10. **OOD is provided for attending the examination, valuation, BoS/BoE meeting, workshop, seminar, conference, orientation course, refreshers course, faculty development program, etc.**

11. **In the event of unfortunate death, compensation is provided to the family (Accident Benefit).**

12. **All the teaching staff is rewarded yearly on Teachers day by giving mementos and all the administrative and support staff is also rewarded yearly for their work by mementos.**

13. **The management sponsors a program every year to mark the team-spirit of the college involving all the staff.**

14. **Fee concession for children of non-teaching and teaching staff studying in the college**

15. **Salary-in-advance can be availed by staff in need**

16. **Married women students are provided with the scholarships**

17. **A day-care center for the babies and infants of the staff**

18. **Basic Pay is revised periodically with regular increments.**

19. **The faculty members are provided with well-equipped staff rooms.**

20. **Incentives for publications in national and international journals**

21. **Annual faculty development programs are conducted to enhance knowledge and skillsets.**

22. **Orientation programs/ Staff development programs for non-teaching staff**

23. **Restroom, Ramp and lift facilities are available for specially challenged students and faculty.**

24. **Sanitary pad vending machines and incinerator machines are installed in ladies' washrooms.**

25. **For teaching staff, 15 CL and 10 EL and for non-teaching staff, 15 CL and 30 EL facility is extended apart from regular holidays.**

File Description	Document
Upload any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 34.81

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
23	31	26	43	24

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 3.8

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
8	3	2	2	4

File Description	Document
Reports of Academic Staff College or similar centers	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 91.76

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
79	85	77	75	74

File Description	Document
IQAC report summary	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

The College has an effective Self-Appraisal System for teaching and non-teaching staff.

Faculty members fill up appraisal forms and provide supporting documents for the details.

Performance Appraisal Forms includes:

1. Personal Details

2. Academic Progress

- Faculty Development Programs attended

- The pedagogy used in the classroom

- Training underwent/qualification acquired

- Feedback by Student and Peers based on Teaching, Learning & Evaluation

- Result Analysis of the classes conducted by the teachers

3. Research and Publications

- Number of Research Publications

- Doctoral or Post-doctoral activity

- Papers presented

4. Extension Activity:

- Details of Extension Activity, if any

- Details of Outreach programs organized or actively participated.

5. Student Support Activities

- Extra-Curricular activities organized

- Co-Curricular activities conducted

- Club activities organized

6. **Leadership abilities**

- Any programs initiated by the teacher

- Activities organized

- Activities Compeered

7. Contribution to the Institution

- Points allotted based on the contribution to the Institution's growth.

  - All the teaching faculty members are assessed by the Heads of the Departments.

  - Heads of the Departments are assessed by the Principal

  - The teaching faculty, later on, will have an interactive session with the members of the management.

  - Promotions & other benefits are decided based on performance appraisal.

Non-Teaching Staff:

The Performance Appraisal Report of Non-teaching staff is taken on an annual basis using a structured questionnaire. The duly-filled Self-Appraisal Forms are submitted to respective Heads of the Department, who in turn writes a report on the Non-Teaching staff member, and submits the same to the Principal with suggestions and recommendations.

The staff members are appraised on the following parameters.

- **Work Efficiency: How efficient is the staff member**

- **Time Management: How efficiently they manage time and complete the given task.**

- **Updated Knowledge: Knowledge of the rules & regulations and other skills acquired**

- **Knowledge of Computers: How competent is the staff member in operating Computers and use them for his/her work.**

- **Punctuality at Work**

- **Communication Skills**

Report based on the assessment of the above parameters is submitted to the Principal for further

action.

File Description	Document
Upload any additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The College conducts internal and external financial audits periodically and has its own mechanism to conduct this audit. Transparency is strictly maintained in both internal and external audit of the college.

Internal Audit:

The internal audit is conducted annually by an approved auditor appointed by the Management who checks the receipts/payments of all accounts. They submit an audited statement of income and expenditure to the management for consideration and approval. Certified Chartered Accountant conducts the Internal Audit on a half-yearly basis. The audit is conducted in accordance with auditing standards generally accepted in India. The audit includes the following:

1. Checks for compliance with policies, laws, and regulations

2. Comparing previous financial statements to the present ones

3. Reviewing reliability and integrity of financial and operating information and the means used to identify measure, classify, and report such information.

- **Noting of provisions applicable**

- **Evaluation of Internal control system**

- **Verifications of student's fee registers**

- **Authorization of fees concessions, controls, policies**

4. Review the means of safeguarding assets and, as appropriate, verifying the existence of such assets.

- **Verification of cash book**

- **Examining the bank passbook**

- **Verifies the investments, grants from other bodies**

- **Verification of total amount granted for various departments and various committees and its utilization**

- **Admission record verification**

- **Checking of acknowledgment letters if any with regards to scholarship**

5. Reviewing and appraising the economy and efficiency with which resources are employed.

- **Examining the payments for maintenance and any other miscellaneous expenses**

- **Certify the audit report**

- **Filing the Income Tax returns regularly**

External Audit

The duly audited reports are submitted to the external audit team. The external audit is carried out in an elaborate manner on a yearly-basis by BN Subramanya & Co., certified Chartered Accountants of Gokula Education Foundation. The External Audit Team regularly audits the college financial report. In case of any objections, the institution will deal with it promptly and takes necessary corrective measures in a completely transparent manner.

Criteria for settlement of objections of External Audit:

- Examining the procedures and policies and regulations Vouching

- Verify the salary payment, TDS, Income Tax, EPF, ESI, Professional Tax, Gratuity, etc.

- Examining the property titles, approvals, fee payments to regulatory bodies Evaluating fee receipts Certify the audit report Filing the Income Tax returns regularly

File Description	Document
Upload any additional information	[View Document](#)

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Aided by the vision plan of GEF, the financial resources accrued are judiciously budgeted and utilized for the all-round development and quality enhancement of the college. The well-established internal and external audits, Finance Committee and Governing Body effectively monitor the optimum utilization of Resources; college-level committees implement the schemes in a time-bound manner. Resources were never a crunch in GEF in building infrastructure, quality manpower & Teaching-Learning facilities.

Means for fund mobilization:

- **Student fee**

- **GEF Trust Fund**

- **Fees collected during seminars, workshops, conferences, fests**

- **Alumni around the world**

The Principal is exclusively responsible for planning, implementing, managing, and accessing all programs and activities related to fund-raising and utilization of funds for the various College activities. There are a number of committees who co-ordinate with the Principal in fundraising and their utilization while being assisted by the Manager (Finance) and his team. The committees assume the responsibility of examining and evaluating the requests to carry out activities and raise funds aimed at benefiting college programs and activities.

In the process of fund-raising through sponsors during any activity hosted by the College, approval from the Principal and committee is mandatory.

The College constantly encourages its faculty members to apply for research grants offered by various funding agencies like UGC. The College has been receiving funds from KSCST (Karnataka State Council for Science and Technology) almost every year. The College has also received grants of Rs.371501 from RHP, Netherland, for a sponsored research project.

Optimal Utilization of Funds:

The Institution has its own policy for utilization of funds as it is self-reliant and independent and manages the finances effectively.

Heads of the various Departments, different Committee Coordinators, and Conveners of various cells present their budget requirements to the Principal. The Governing Body reviews the budget presented by various HODs and gives its suggestion. Departments' Heads and Conveners present a revised budget if required. After the review of all the budgets, the Principal presents the budget for the entire College and secures approval from the Governing Body.

Funds generated through fees collected from students are used to disburse salary to staff and finance other academic activities.

1. Recurring Expenses

- **Salary to staff, academic activities, transport, hostel and Institution maintenance.**

- **Research activities**

- **For the non-recurring expenses, the management allocates funds.**

2. Non-Recurring Expenses

- **Infrastructural development facilities & construction works**

- **Computers, Software, Lab& Gymnasium Equipment**

- **Up-gradation of the infrastructural facilities in tune with the modern trends**

- **Maintenance of Playground, Flora & Fauna.**

- **Sewage Treatment Plant (STP) is installed to treat sewage water. The entire collected treated water is utilized for gardening purposes.**

File Description	Document
Upload any additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

IQAC has promoted quality in the institution at various levels for better academic and administrative support such as,

- **Minimum set of standards maintained in all internal activities, which consists of Regular Unit Tests, Internal & Preparatory Exams, Intra and Inter-collegiate competitions, Assignments/Self-Study**

- **The campus is equipped with ICT-enabled classrooms for the last four years. The library includes an E-resource center, with a subscription to latest e-resources.**

- **Extensive use of ERP has enabled smooth functioning of Admission, fee payment, student portal, timetable, attendance, examination, mobile-app for students and faculty, feedback etc. and ensured greater transparency and accountability.**

- **AAA is conducted every year to ensure institutional procedures and up-gradation of quality aspects in each activity of work and adherence to the audit process.**

- **AQAR prepared by IQAC is analyzed by the Principal and Governing body of the institution before submitting it to NAAC.**

- **Online Feedback from students, alumni, parents and faculty in curriculum development is taken and analyzed.**

- **Inputs for formulating MSRCASC Vision 2023 document and framing policies for code of conduct & discipline for staff and students.**

- **Conferences, Seminars, workshops and FDP are conducted regularly to enhance the Quality of the institution as Faculty could keep themselves updated to the times.**

Two best Initiatives implemented by IQAC:

Quality Monitoring Process

IQAC has brought the system for continuous monitoring of faculty through a well designed ERP.

Monitoring Classroom activities: Teachers upload the session plan before the commencement of class at the beginning of the semester. Daily classes are scheduled through ERP system. The syllabus is covered through online and offline sessions with inbuilt software to capture the attendance. Students submit the assignment, online test through a mobile app connected to ERP

software.

Monitoring Teachers Activities: Teachers upload conference, workshop and FDP certificates in the ERP and wait for IQAC approval on day to day basis. Feedback is collected through ERP which facilitates the generation of reports quickly. Faculty appraisal as per API score has been implemented through ERP. Individual faculty wise reports are generated to monitor the progress of faculty individually.

Monitoring Administrative Activities:

Admissions happen through ERP generate the eligible list of students for admission. Fee payment options are made available through mobile-app. Infrastructure facilities usage are managed and monitored through ERP.

ICT

IQAC has taken the initiative to integrate ICT in teaching and learning.

1. **Students use the mobile-app for submitting assignments, MCQ test, and descriptive online test. Value-added/certificate, skill-based and career-oriented courses are 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.**

2. **Faculty use library facilities like INFLIBNET and other e-resources to gather information.**

- **Students are provided with E-Books.**

- **Study Material is provided through mails, WhatsApp and ERP-App, Campus Technology.**

- **Classrooms are connected with LCD projectors for better Audio-Visual Aids in teaching.**

- **YouTube links are provided for the prerecorded lecture videos**

- **Administration and information to the faculty is passed on through E-Mails**

File Description	Document
Upload any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental

improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

Institutional reviews and implementation of teaching-learning reforms facilitated by the IQAC are discussed below:

- **Review of Teaching, Learning, and Evaluation in monthly meetings**

- **Teaching plan and diary, mentors dairy**

- **Feedback analysis outcome**

- **Review of an innovative method of Teaching, Learning, and Evaluation**

Academic Administrative Audit:

To track the functioning of the Institution on various parameters given by NAAC, the IQAC conducts the Academic Administrative Audit. The objective of the Audit is to appraise the functioning of the departments and intensify the quality standards with respect to curriculum, teaching, learning, research, and student support.

Internal Academic Audits and External Academic Audits are conducted to evaluate the performance of the departments. Internal Academic Audit is conducted twice in a year and the External Academic Audit is conducted once in a year.

The External Audit Team comprises academicians and ISO, certified consultants. Internal Audit Team comprises of the Principal, IQAC members, and Heads of Departments. The Team visits the departments and assesses the performance on the following parameters:

- **Curriculum Design & Development – Quality of curriculum &feedback on curriculum; new courses introduced such as value-added courses, add-on courses, certificate courses, Diploma courses, Short-term courses, and Refresher courses; feedback process used.**

- **Teaching, Learning & Evaluation – Creative and Innovative Teaching and Teaching Methodology, Attendance, Semester Plan, Lesson Plan with teaching objectives and learning outcomes, Remedial Classes, Extra Classes, Faculty profile, Student progression/achievement, Evaluation methods, and Pass percentage.**

- **Research, Consultancy & Extension – Minor Research Projects, Field Projects, Internships, Industrial visits, Paper presentation, Publication, Consultation, and Professional development programs.**

- **Student Support & Progression – Festivals/Seminars, career counseling & guidance, training programs, guest lectures, workshops, conferences, and student participation in inter-collegiate events.**

- **Innovative Best Practices of the Departments – Green Initiatives, Sewage Treatment Plant, Rain Water Harvesting, Rally for Rivers, Green Run, Extension Activity, Outreach Programs.**

The departments present their departmental data to the External Audit team and they verify all the supporting documents. The External Audit team conducts an Exit Meet where their general feedback is shared with all faculty members along with IQAC. Suggestions are also put forth to strengthen the quality standards in the functioning of the department.

Creative & Innovative Teaching-Learning:

The IQAC focuses on the need to initiate new technology to enhance student-centric learning, towards which the following facilities are implemented:

- **LCD projectors in every classroom**

- **Internet & WI-FI to 100mbps**

- **Availability of MATLAB, SCILAB, and other software**

- **The online feedback system for feedback on curriculum, teaching-learning, and follow-up with the respective teachers.**

- **Language Lab for language enhancement**

- **Experiential learning methods like Model Making, PPTs, Exhibitions, Workshops, Live Demonstrations, Industrial Visits, and Panel Discussions with experts in the Life Science domain.**

Gap Analysis

Gap analysis refers to the difference between the current state and the ideal or preferred state. It is useful when the desired outcomes or objectives are known. The College Academic Council meets periodically and discusses the needs of teachers to keep themselves updated to suit the current curriculum. The Council then conducts a gap analysis to identify the requirement of the faculty members to update them. It outlines the knowledge, attitudes, and skills (KAS) necessary in each competency domain and enables the Academic Council to devise FDPs.

PTV 2015- Recommendations for Quality Enhancement of the Institution

1. College may try to obtain recognition on top priority	- **Obtained UGC recognition in December 2017 post NAAC accreditation with 2f and 12B**
	- **Applied to UGC for the recognition, 'College with a Potential for Excellence'**

2. Research Culture and Orientation be created amongst faculty	• Established an active Research Cell and appointed the Dean of Sciences and Research Head from 2018. • Appointed a Dean for Management Studies to promote research in the areas of Management. • The research lab has been established in 2017 to provide basic/advanced research facilities. • An Intra-Institutional Memorandum of Understanding made with Ramaiah Medical College. • Incentives given for the Research Publications indexed in National and International Journals and also instituted the Best Research Award. • Research Policy has been framed and Seed Money for Research is provided.
3. Student learning facilities to be further strengthened and modernized	• State-of-the-art infrastructure with modern labs and other facilities from 2017 • Separate Undergraduate and Postgraduate Labs • Initiated LMS facility for conducting online classes. • ICT enabled Classrooms for Teaching & Learning
4. Interdisciplinary Orientation and re-organization of Departments to be taken up	• The University introduced the CBCS system in 2014. Orientation to different interdisciplinary courses like environmental Studies, Computer Fundamentals, Banking and Finance,

	Science and Society, Indian Constitution, Personality Development. • Re-organization of the departments, on the basis of the subjects offered in a specific combination. • Department of Humanities offers Optional English, Psychology, Journalism, and Political Science. • Department of Life sciences offers Biotechnology, Genetics, Biochemistry, Chemistry, and Microbiology • Department of Computer Application offers Computer Science, Electronics and Mathematics.
5. Collaboration and tie up to be created and strengthened up	• Since 2014, 23 collaborations with several Industries/ Institutions of National and International repute have been functional, for offering Value added Courses, Training Programs, Skill Development Programmes, Research, Certificate Courses, extension work courses, and extension work.
6. Sports facility and physical fitness infrastructure to be enhanced.	• Sports ground with length-110 mtrs. and width-110 mtrs. made available for students' use • Indoor Gym facility provided • Coach has been appointed for regular training of students • Students participate in intercollegiate, University, and National Level championship

7. Placement Cell to be made more student-friendly	• Policies have been made for the placements of the students • The placement orientation and Soft skill training is conducted before the placement activities • Departments conduct several skill-based Certificate programs that help in placements.
8. Perspective plan for development be created	• Vision document post-NAAC accreditation was created for the year 2015-2025 to plan for the next 10 years for academic, non-academic, and others.

File Description	Document
Upload any additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality intitiatives with other institution(s)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

The institution is proactive in promoting gender equity by ensuring that both genders have equal access to knowledge and skills. Processes for fostering gender equity are as follows:

- **Organizes Awareness programs for staff &students**

- **Equal opportunities in learning and career advancement**

- **Ensuring safe and secure environment**

- **Speedy mechanism of Grievance Redressal**

Women Cell and Equal Opportunity Cell at MSRCASC actively organizes awareness programs for the staff and students to educate them about gender equity and sensitization and to name a few, viz.,

- **The concept of fundamental rights and equal opportunities'**

- **'Power of girls',**

- **'Gender issues in workplace',**

- **'Gender discrimination in home, society, and workplace, and etc**

The strategies for empowerment and facilities provided by the Cells are as follows,

- **Gender sensitization programs, Workshops, Group discussions, Lecture Field visits**

- **Renowned personalities as guest speakers from various organizations/institutions are invited to enlighten both male and female students on gender-related aspects such as socio-economic-political, legal, psychological health, and Hygiene.**

- **Counseling for both female and male students on various issues like social and interpersonal issues by Proctors and Psychology dept.**

- **Common room for girls for healthy recreation.**

- **Support and motivation for married girls for pursuing higher education**

- **Crèche / Day Care on the campus for children of the employees working in Institution.**

- **Sanitary Pad Vending and Disposing Machines (electrical incinerators) in every girl's restrooms for the benefit of the girl students and staff..**

- **CCTV cameras in every floor for ensuring safety and security of female students and staff**

- **Secured separate Hostel facilities for girls and boys.**

Some of the Curricular and co-curricular activities are as follows:

- **The students are taught about Gender discrimination and violence against women as a part of Journalism lectures.**

- **FDP was held on 22ndMarch 2018 for all the Teaching &Non-teaching staff on "Gender issues in Workplace". Prof. Dr. Sarasu Esther Thomas, of National Law School of India University, Bangalore, was the speaker for the seminar**

- **Ms Parvathi Balachandran, Faculty, Ramaiah Law College on 18/3/2018 spoke on "the Constitutional Guarantee of Equality of Opportunity".**

- **Poster presentation on "Impact of Gender discrimination on Children" was conducted on 22nd March 2018. The posters displayed the pathways connecting gender inequality and child mortality.**

- **The Women's Cell visited Abalashrama on 3 August 2018. It donated clothes and sanitary pads for the benefit of the inmates.**

- **On 4th August 2018 the Women's cell conducted the blood test to find out the probability of cancer and diabetes in women who are above 35 years.**

Gender Sensitization action plan

- **To organize seminars for women staff and students on health and hygiene-related topics**

- **To conduct programmes on woman empowerment and yoga classes for staff and students to improve health, boost immune system, concentration and stability**

- **To organize seminars for the staff on stress management**

- **To organize seminars for staff and students on "Constitutional rights" related topics**

File Description	Document
Link for annual gender sensitization action plan	[View Document](#)
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Solid waste management: Solid waste in the campus is divided into biodegradable, recyclable, hazardous waste distinguished with different colored trash containers. Biodegradable trash containers are GREEN colored, recyclable waste containers are BLUE colored and hazardous waste containers are RED colored containers.

GREEN colored containers are used to dump trash that can be degraded on its own such as plant or animal sources that are of organic nature. Other biodegradable wastes are food and paper wastes. Green wastes are used for composting, recycling, a resource for heat, electricity, and/or fuel.

BLUE colored containers are destined for trash that is recycled and made into a new product.

Recyclable materials include paper cups, cardboard materials, rubber, or plastic materials.

RED colored containers are destined for hazardous materials that need special care for their disposal.

Liquid Waste Management: Institution has a common sewage treatment plant that recycles the sanitary sewage water by removing pathogenic microorganisms, suspended particles, and biodegradable organic substances. Further, treated water can be disinfected and aerated with chlorine for non-portable usage. Every day about 2.5 lakh liters of water is treated. 1lakh liters of water is recycled and the rest is used for gardening purposes.

Contaminated liquid waste of the college is disposed of, along with the biological hazard or chemical hazard waste, depending on its source. Microbial liquid waste such as spent culture supernatants, broth, etc., will be disposed of after neutralizing the waste with suitable chemical bleaching agents to kill the microbial contamination or by autoclaving. Sample blood or less toxic liquid waste, etc., can be disposed of directly by draining in utility sinks with flushing water.

Biomedical Waste Management: All the biomedical wastes such as lancets, blood-stained cotton, and tissue paper are sent to the sister institution - Ramaiah Medical college. These wastes are collected by M/s Anu Autoclave and Inc. Services, S-13, KCD complex-Unity buildings, Mission road, Bengaluru – 560027, which is in contract with the college for collection and disposal of biomedical wastes. Microbiological waste is disposed of after proper autoclaving.

E-waste Management: Electronic waste management is very critical and is a source of dangerous contamination to the environment if not disposed of properly. To encourage and bring awareness among students and staff, e-waste labeled containers are kept at designated places to collect personal and office e-waste. Most common e-waste includes circuit boards, chips, broken computer monitors, discarded mobile phones, keyboards, unused CDs, lamps, etc. These products contain heavy metals like cadmium, lead, copper, chromium, and other hazardous ingredients. e-wastes are regularly handed over to E-Cycle Solutions, No. 41, 7th Cross, Bahubalinagar, Bangalore.

Waste recycling system: The organic wastes such as canteen kitchen waste, leaves shed from plants, and trees on the campus are converted into bio-compost by vermicompost process.

Hazardous chemical waste management: Ethidium bromide or acrylamide is considered as a chemical hazard used in experiments is autoclaved and handled like other chemical hazard waste. The sulphuric, hydrochloric, and nitric acids used in experiments are diluted and before pouring into the sink.

File Description	Document
Link for Geotagged photographs of the facilities	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Any other relevant information	[View Document](#)

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: B. 3 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

At MSRCASC, students are from diverse cultural, regional, linguistic and socio-economic backgrounds and thus offer an all-inclusive and favorable learning environment to the students supported by the institution staff. The college believes in the concept of "Unity in Diversity" and offers them with an all-inclusive environment that integrates them into the socio-cultural ethos of our state.

We celebrate as many festivals and awareness days, as possible to bring the diverse array of students of the college together.

- **Cultural festivals: Cultural fest-XTASY is conducted every year followed by various cultural competitions for students. This helps in recognizing and rewarding the talented students in Music, dance, drama, fine arts, literacy competition.**

- **Regional festivals: The institution gives equal importance to all the regional cultural festivals like Suggisambrama, and Onam. This creates oneness and diversified thinking in the minds of students of all religions and from diverse cultural backgrounds.**

- **National festivals: Independence Day, Republic Day, and National Youth Day are celebrated to kindle the patriotism of students.**
- **Linguistic Activities/Celebrations: Events like Hindi Diwas, Sanskrit Day, Bhashotsava, Kannada Rajyotsava, and Literaria are conducted every year on designated dates. The students actively participate in various language-related competitions and win prizes.**
- **UNO declared 2019 as the International Year of Indigenous Languages.   The language department followed the same theme and conducted the events in which around 70+ presentations were made by the students covering the languages of different states and countries.**
- **Regular Kannada Classes every year with different titles are conducted for all the non-Kannada students of all the streams. Non-Hindi background students are assisted with "Hindi learning" Classes and Sanskrutha learning classes are established for learning "Conversation in Sanskrit" for all the interested students. Handwriting therapy classes are conducted under the theme "Better stroke for Bright future" by the Department of Language - Hindi with the objective of developing cognitive ability through writing. French classes were also conducted for the students who aspired to learn French.**

- **Communal Socio-Economic related activities: Staff and Students celebrate communal festivals like Ganesha and Christmas with enthusiasm.**

- **Other diversities: The college also celebrates major world awareness days mentioned below.**

International Women's day is celebrated every year in March by inviting renowned women personalities for the occasion and to address the women staff and students and educate them about the development of women empowerment.

World Food Day/Hunger Day is celebrated every 16th October by providing food and snacks to the laborers who work in the construction of buildings on the college campus to create awareness among youngsters to help the needy.

World environment day is celebrated every 5th June by planting the saplings on the college campus and the students are encouraged to take action and protect the environment.

World Water Day is celebrated every year by going on a rally in the local community to create awareness among the public to focus attention on the importance of potable water.

International Yoga Day is celebrated every June 21st by practicing Yogasanas and Pranayama.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

At MSRCASC we take proactive steps towards inculcating values amongst the students and staff, by providing opportunities to participate and celebrate commemorative and national days of importance. This helps in strengthening the spirit of nationalism and inculcates the values in terms of honoring and paying respect to the legendary personalities of India. The ideals taught by them like truth and non-violence, equality, equity, and inclusiveness are thus instilled in the young minds that help in strengthening the roots of democracy

The Institution has held several noteworthy programs to sensitize its employees and students to constitutional rights, duties, values and responsibilities as citizens of India.

- **Constitutional Values:**

Prominent Guest speakers namely, 1.Ms. Ramadevi from Karnataka Legal services Clinic, 2. Ms. Pramila Nesargi, Women's Rights Activist, Lawyer and Educationist, 3. Ms. Reema Modgil, Assistant Editor, Indian express, were invited to educate the staff and students regarding the role of Constitutional values relating to the women, their rights, duties, responsibilities and empowerment.

- **Constitutional Rights:**

A seminar was organized on the topic "Know Your Rights" which was an IQAC initiative. Ms. Anvit Kaur from ITC Vivel was invited to address and educate students about the fundamental rights enshrined in our Constitution.

MBA department had organized a Voting Awareness for the students to create awareness about the importance and right to vote among the youngsters. Even the first-time voters were also a part of the drive as they spread awareness about the importance and right to vote.

- **Constitutional duties:**

Ms. Parvathi Balachandran of Ramaiah Law College was invited to deliver a talk on "Constitutional Guarantee of Equal Opportunity" to sensitize the students on the constitution that guarantee the Right to Equality of Opportunities to all sections of the society and how they should utilize these rights.

- **Constitutional responsibilities:**

The College regularly organizes awareness programs in sensitizing students and employees on traffic awareness. The program was headed by the local traffic wardens from Yeshwanthpur police station

and attended diligently by the students of the college. Speaking on the occasion, the traffic police advised the students and reminded them of the responsibilities that they have to follow to avoid the violation of traffic rules. A PPT on various accidents leading to serious injuries and death as recorded in the CCTV cameras at various traffic junctions was craned to create awareness on traffic violations. The B.Sc Biotechnology students marched to the local junction (Yeshwanthpura circle) to create 'Traffic Awareness" among the public by holding placards and performing traffic-related skits.

As a part of Citizenship training, the Bengaluru Central University has introduced a Non-core paper titled 'Indian Constitution and Human Rights'. It is taught in First Semester for BCom and BBA Programmes and II Semester B A, BCA, and BSc programs of all streams.

The remarkable outcome of educating the students about voting awareness on the college campus resulted in the involvement of more than 90% of our students in casting their valuable votes during the Karnataka Legislative Assembly elections that were held in the month of May 2018.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The institution with a pride and enthusiasm celebrates national and international commemorative days, events and festivals by involving all the staff members and the students of the institution. Such as National Youth Day, National Science day, Republic day, Independence day, Teachers' day, Gandhi Jayanthi, International Women's Day, World Environment day, International Yoga day, Suggisambrama, Onam, Ganesha festival, Cultural Fests and all the International years declared by UNOare celebrated in the Institution.

- **National Commemorative days:**

National Youth Day is celebrated to commemorate the birthday of Swamy Vivekananda. At MSRCASC, National Youth day is celebrated with great enthusiasm on January 12th. Guest speakers are invited to create awareness amongst the students who are the present youth about the importance of rights.

National Science day: Our institute takes great pride in celebrating National Science day every year in the month of February. Since this institution has multiple strong science-based curriculums, all the students take part in this two-day program with great zeal to showcase their innovation in the field of science by participating in science-related competitions. This event helps to create awareness among the student community as well as the faculty about all the different advances in the different fields of Science and Technology.

- **National important days**

The Republic day is celebrated with pride and enthusiasm. The Management, the Chief guest and employees of Gokula Education Foundation (GEF) witness the celebration. The Chief guest hoists the flag and everybody sing the National Anthem, 'Jana Gana Mana'. The Chief Guest addresses the gathering and motivate the staff and students to uphold the constitution. The programme is concluded by distribution of sweets to all the staff members and the students.

Independence Day is celebrated on the campus in the presence of the Management, Heads of all the sister concerns, teaching and supporting staff, and students. The Director hoists the flag and the gathering sing the NationalAnthem and national patriotic song, 'VandeMataram'. The Management and Principals of sister concerns address the gathering and talk about the importance of Independence Day which weare enjoying today.

Gandhi Jayanthi is celebrated in the first week of October and the students enthusiastically participate in the programme organized by the college. Well-known personalities are invited for the programme as chief-guest. Wherein students voluntarily participate, perform and enact some of the sequences of Gandhiji's life story. The Principal, Vice-Principal, teaching and supporting staff and the students participate in the event. The Chief guest and Head of the Institution address the gathering to inculcate the principles given by Gandhiji. Students chant the Raghupathi Raghava Raja Ram song. They also take part in debates, quiz related to life story of Mahatma Gandhi. They

make placards showing the famous slogans that were given by Gandhiji. The winners of the competitions will be distributed prizes.

It is worth mentioning that the institution celebrates the international years declared by the UNO. To mention, International Year of Indigenous Fest (2018) by the Language Dept., and International Year of Pulses (2016) by the Life Science Depts.

File Description	Document
Link for Geotagged photographs of some of the events	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice: 1

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 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**

- **The 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 a live class, counseling, and mentoring.

Students use the mobile app for submitting assignments, MCQ test,s, 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.

360 º + 1 Youtube channel: The department of Journalism at MSRCASC has created a YouTube News Channel and a Newsletter named "Ramaiah 360°+1" with the tagline – "You Provide, We Present". This channel apart from giving practical exposure to the students of Journalism acts as a showcase for all the events organized by the college. The channel also highlights the current social issues which benefit society. E.g.: The channel showed the garbage dumps in the locality and after viewing this, the BBMP took immediate action and cleared the garbage dump.

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 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. The use of the 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 25faculty 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 are required throughout the day. Network issues from the student's 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 a competitive materialistic world. Less emphasis is for 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 2013 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 on 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 at 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, a good number 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 have 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 times we have seen the 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.**

File Description	Document
Link for Best practices in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Distinctive Features:

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

1. Introduction:

The relevance of the curriculum in the context of the needs of 21st century and industrial Revolution – 4 has assumed the primary importance in higher education. Emphasis is being given to skills, competencies and attitude along with communication skills apart from theory knowledge. Hence, the academic programmes must spell out clearly the objectives and expected outcome (PO). The courses of a given programme under CBCS must be specific and target oriented to achieve the expectations of a graduand. Hence, they must spell out course objectives and outcome (CO). Further, PO and CO must be complementary and holistic. This will be evident through curricular mapping. The Universities are in the process of implementing them. MSRCASC as an affiliated college implemented it in their existing curriculum. The teachers and students are oriented towards PO, CO and Curriculum Mapping approach. It is a distinctive step of MSRCASC as an innovative curricular process.

2. Aims and Objectives

- **To inculcate the concept of Outcome Based Education amongst students and faculty by enriching the curriculum with well-defined POs and COs and its curricular mapping to emphasis learning outcomes and its evaluations during Internal Assessment by the faculty.**

- **To give emphasis to the blend of knowledge, skills, competencies, scientific temper, analytical ability, spirit of enquiry, research bent of mind, communication skills, attitude and values – ethics in curricular transactions and evaluations.**

- **To enhance the curriculum by offering Value added/Add on courses and encourage students to achieve overall academic excellence.**

3. Implementation strategy and Process

Although the Bengaluru City University prescribes the syllabus but, has not yet developed any COs and POs. However, the MSRCASC has prescribed POs and COs for programmes at their departmental level. AS such, every course teachers articulates on the course learning outcomes and programme outcome which makes the teaching learning process more fruitful as students are aware of the relevance of the topic in their pursuit of knowledge and skills leading to competence and attitude. Workshops are organized to enlighten the faculty members regarding development of POs and COs as they are instrumental in achieving the vision, mission and objectives of the institution. Value added courses are also offered to enrich the curriculum and achieve the stated and developed CO and POs resulting in excelling students' skills on various topics. 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. Programme learning outcomes and course learning outcomes are made available on a website to the faculty members and students.

The students are inducted about PO-COs during orientation programme. The class teacher emphasis CO while introducing and transacting each course. The schemes of objective evaluation of PO CO during Continuous Internal Assessment are also made known to students.

Programme outcome assessment committees are formed to assess the level of attainment of programme outcomes and learning outcomes. The learning outcomes are prepared using Bloom's taxonomy and outcomes are complex declarative sentences which will clearly describe the student expectations such as knowledge, skills, and competencies acquired after completion of course. The mapping and attainment of POs and COs are carried out using Institution ERP. The POs and COs are assessed and evaluated based on the Internal Assessment method. Outcomes are assessed and measured to identify the extent to which goals are accomplished. POs and COs are displayed in the college Notice boards and webpages.

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 POs and 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**

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Innovative Teaching Learning:

- PowerPoint Presentations (PPT) using LCD projectors.
- Teaching with real-time examples, case studies related to the subject.
- Course Files &Lab Manuals for Effective Instructions
- Employability Enhancement Training Programmes
- Entrepreneurship Awareness activities
- Learning resources from reputed institutions shared as supportive learning materials. (NPTEL, SWAYAM etc.)

- New building with 23 laboratories & 42 instructional rooms fitted with LCD / Wi-Fi connectivity
- Research culture is institutionalized through Life Science Research Lab, Cell Culture Lab, Plant Tissue Lab and Chemistry Research lab apart from regular laboratories as part of the learning curriculum.
- Centre for Holistic Education conducts personality development program, cultural fest, club activities and committee activities on regular basis.

Special Achievements:

- Received permanent affiliation status from Bangalore University and Bangalore Central University
- UGC recognition under 2f and 12 (B) of UGC Act 1956
- Re-accredited by NAAC with A grade in 3rd cycle in the year 2015
- The institution has participated in NIRF ranking 2020 and placed in the rank band of 101-150. The Institution has taken part in NIRF in 2018 and got placed in the rank band of 151-200.
- Student development programs in collaboration with DISHA Charitable Trust has brought a transformation in the young minds.
- The college has taken modern methods for various initiatives AAA and Green audit, Space audit, energy conservation audit etc.
- IQAC encourages faculty and students to adopt innovative teaching and learning techniques, through organizing orientations and faculty development programs on regular basis.
- POSTONEW a mobile app for students is available to ensure the use of ICT in teaching and learning to a maximum extent for online classes, student events, attendance, fee payment, course material etc.
- Journalism students have developed a news channel **360°+1**, which facilitates students to learn, develop and present news reporting skills as part of practical sessions.
- Academic achievement of students; 47 University ranks and more than 90 students have secured centum in various courses in the last 5 years

Concluding Remarks :

M S Ramaiah College of Arts, Science, and Commerce envisioned with **"Preparing men and women for the service of the country"** have completed 25 years of its existence contributing to the field of education. From a

modest beginning in 1994 with 28 students, and 4 teachers the institution has witnessed significant growth in its journey for 25 years. Today the college has accommodated more than 2800 students, 101 teachers, and 50 support staff on the campus.

Affiliated to Bengaluru Central University, the college has successfully completed 3 cycles of accreditation. The college has applied for Research Centre recognition by Bangalore Central University. The college has applied for CPE status. The college has introduced new programs in UG and PG as per demand in the market.

Realizing the importance of skill development of students, the college has offered value-added / certificate programs continuously every year. The college has plans to get associated with the industry to provide job/skill-oriented courses to improve the placement to 100%.

MSRCASC has been rated among the top 100 best colleges in India Today and Week magazine in the last five years. The college has been recognized as the best promising college in the Top 20 promising Media and Mass communication colleges in India by the **Higher Education Review 2018**

The College aims at QUEST for excellence through student enrichment programs like value-added, job-oriented courses, foreign language etc. The College believes that great social and national commitment among the students has to be encouraged and motivated through value-oriented activities, the celebration of national festivals.

MSRCASC is dedicated to providing good quality-oriented courses and programs to suit to the present-day young minds. We are dedicated to strengthening bonding with all our stakeholders. We are committed to the vision and mission of the institution with the GOAL and OBJECTIVE

GOAL

To deliver quality education for the betterment of Mankind

"Jnanam, Vijnanam Cha Bhaktisahitam"

OBJECTIVE

To provide quality education

To impart life skills and values

To train in confidence-building and decision making