

# **M S Ramaiah College of Arts, Science and Commerce**

**AQAR 2017-18 (1<sup>st</sup> July 2017 – 30<sup>th</sup> June 2018)**

## **Part – A**

### **1. Details of the Institution**

1.1 Name of the Institution: **M.S Ramaiah College of Arts, Science and Commerce**

1.2 Address Line 1: **M S Ramaiah College of Arts, Science and Commerce**

Address Line 2: **M S R IT Post, M S Ramaiah Nagar**

City/Town: **Bangalore**

State: **Karnataka**

Pin Code: **560054.**

Institution e-mail address: **[principal.msrmcasc@gmail.com](mailto:principal.msrmcasc@gmail.com)**

**[principal@msrmcasc.edu.in](mailto:principal@msrmcasc.edu.in)**

Contact Nos.: **080-23600966, 080-23608597**

Name of the Head of the Institution: **Dr. A .Nagarathna**

Tel. No. with STD Code: **080-23608597**

Mobile: **9980066012.**

Name of the IQAC Co-ordinator: **Mrs. Karanam Kavitha**

Mobile: **9448346404**

IQAC e-mail address: **[iqac.msrmcasc@gmail.com](mailto:iqac.msrmcasc@gmail.com)**

**[iqac@msrmcasc.edu.in](mailto:iqac@msrmcasc.edu.in)**

1.3 NAAC Track ID: **KACOGN11445**

1.4 NAAC Executive Committee No. &Date: **EC(SC)/05/RAR/085; 03-03-2015**

1.5 Website address: **[www.msrmcasc.edu.in](http://www.msrmcasc.edu.in)**

Web-link of the AQAR: **<http://www.msrmcasc.edu.in/AQAR>**

## 1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	75.25%	16-09-2004	
2	2 <sup>nd</sup> Cycle	A	3.11/ 4	30-09-2009	29-09-2014
3	3 <sup>rd</sup> Cycle	A	3.06/ 4	03-03-2015	02-03-2020

1.7 Date of Establishment of IQAC: **1/10/2005**

1.8 AQAR for the year: **2017-18**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC.

**The college received the re-accreditation certificate from NAAC on 03-03-2015**

**AQAR 2014-15 submitted as email on 11/8/2015 (by e mail to [capuaqar@gmail.com](mailto:capuaqar@gmail.com))**

**AQAR 2015-16 submitted as email on 13/8/2016 (by e mail to [capuaqar@gmail.com](mailto:capuaqar@gmail.com))**

**AQAR 2016-17 submitted as email on 13/8/2017 (by e mail to [capuaqar@gmail.com](mailto:capuaqar@gmail.com))**

1.10 Institutional Status:

Affiliated College: **Yes (permanently affiliated to Bangalore University)**

Regulatory Agency approved Institution: **Yes (AICTE)**

Type of Institution: **Co-Education and Urban**

Financial Status: **Totally Self-financing**

**The college has been recognised by UGC under section 2f and 12B of UGC Act, 1956.**

1.11 Type of Faculty/Programme: **Arts, Science, Commerce & Management**

1.12 Name of the Affiliating University: **Bangalore University**

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc . **NO**

## 2. IQAC Composition and Activities

2.1 No. of Teachers:	<b>15</b>
2.2 No. of Administrative/Technical staff:	<b>03</b>
2.3 No. of students:	<b>26</b>
2.4 No. of Management representatives:	<b>4</b>
2.5 No. of Alumni:	<b>4</b>
2.6 No. of any other stakeholder and Community representatives:	<b>2</b>
2.7 No. of Employers/ Industrialists:	<b>1</b>
2.8 No. of other External Experts:	<b>2</b>
2.9 Total No. of members:	<b>31</b> ( excluding the student members.)
2.10 No. of IQAC meetings held:	<b>15</b>
2.11 No. of meetings with various stakeholders :	
Faculty:	<b>10</b>
Non-Teaching Staff:	<b>02</b>
Students:	<b>05</b>
Alumni:	<b>02</b>
Others:	<b>02</b>
2.12 Has IQAC received any funding from UGC during the year?	No
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total No:	<b>19</b>
National :	<b>02</b>
State:	<b>06</b>
Institution Level:	<b>11</b>

(ii) Themes:

**National level:**

1. Organised a National Seminar on “Science & Technology for Sustainable Future” on 12/3/2018 in commemoration of National Science Day in association with KSTA, Department of Science and Technology, GOK.
2. Two day workshop on “3D Game Designing using Unity” on 14<sup>th</sup> & 15<sup>th</sup> , September, 2017 in association with Innovation Cell IIT Bombay.

**State level:**

1. State level Conference on “Emerging Technologies and its Application” on 16/3/2018
2. One day Symposium on “GST- A Review” on 13/11/2017
3. Two day workshop on “Plant Tissue Culture” was organized on 12<sup>th</sup> and 13<sup>th</sup> September, 2017
4. Indian Academy of Sciences sponsored lecture workshop on “Recent Trends in Cancer Biology” in collaboration with IISc on 21<sup>th</sup> and 21<sup>st</sup> February, 2018
5. Workshop on “Intellectual Property Rights” on 12/9/2017
6. A seminar on “E-Commerce and its Application” on 3/2/2018 by Soumyojit Roy, Indian Institute of E-Commerce

**College level:**

1. Two day workshop on “Holostoc Personality Development “ for all the students organized on 6<sup>th</sup> & 7<sup>th</sup>, March, 2018 in association with Disha Charitable Trust for Value Initiatives.
2. Two day FDP on “Application of MS Excel in Academics and Research” on 28<sup>th</sup> and 29<sup>th</sup> November, 2017.
3. Guest lecture on “Genome editing in Plants” delivered by Dr. Ramu S V, University of Agricultural Sciences, Bangalore on 16/4/2018
4. A seminar on “Map to Effective Communications” by Mr. Bharath from ‘13’ organization held on 15/11/2017
5. Guest lecture by Dr. Wayne Fallen from Western Sydney university on “Leadership Management” on 2/2/2018
6. Guest lecture by Tony Syng from University of Leeds on “Creativity in Marketing” on 23/3/2018
7. Guest lecture by Dr. Bishwajit Paul from UGC on the topic “SPECTROSCOPY OF ORGANIC COMPOUNDS” ON 18/9/2017
8. Two day workshop on “Public Speaking Skills- Speak Smart Spontaneously’ on 14/7/2017
9. FDP on “Meditation for Work-Life Balance” was conducted on 14<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> September, 2017
10. One day workshop on “SCILAB PROGRAMMING and MAXIMA” on 13/7/2017

**11. FDP on “Gender in the Workplace” by Prof. Dr. Sarasu Esther Thomas, Professor of Law at NLSIU, Bangalore. On 22/3/2018**

**2.14 Significant Activities and contributions made by IQAC:**

**IQAC has initiated Academic and Administrative Audit and ensured its sustainability over the years. Academic audit is conducted once in every semester and external audit once in the year.**

**IQAC has been instrumental for all RCASC endeavours and consistent efforts to have rich and varied experience in teaching, learning, research, student progression and sensitization towards issues like Environment, Women safety, Gender sensitization and health at RCASC. Several of the quality enhancement activities are proposed and implemented by the IQAC during each academic year since the establishment of IQAC. The activities include focused efforts to enable the students getting university ranks, extra coaching classes for the academically weak students, thereby improving the pass percentage of the college. Publication of newsletter from several departments, updating lab equipment in the view of syllabus revision, industrial tours, organizing activities to mark the theme of International years as announced by UNO. Tracking and monitoring student progress through university examinations’ result analysis, enabling government scholarships to eligible students and placement activities. Special efforts are taken to encourage the research culture and to encourage the faculty to attend and present papers during National and International conferences as well as publication of research papers in journals. Add-on courses have been conducted in several departments over the years to impart skills and knowledge to the students beyond the curriculum.**

**To spread the need of human values in students Equal Opportunity Cell, Women Cell, Centre for Holistic Education have planned activities, programmes throughout the year.**

**2.15 Plan of Action by IQAC/Outcome**

**The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year**

<b>Plan of Action</b>	<b>Achievements</b>
<b>Institutionalizing the process of academic audit.</b>	<b>A better knowledge about the performance of students in academic field and staff appraisal.</b>
<b>Initiated campus</b>	<b>College activities, documents, admission process, enrolment of</b>

<b>digitization.</b>	<b>students to university, absentee statement, mass SMS to faculty, salary disbursal, common mail id, academic audit are all a digitised frame work. Student's attendance marking through Gurukul software. Online feedback on teachers and facilities.</b>
<b>Initiated to organise and to commemorate International year / National Science Day</b>	<b>Organised a seminar on "Science and Technology for Sustainable Future" in commemoration of National Science Day on 12/3/2018</b>
<b>Initiated green audit</b>	<b>Greener campus.</b>
<b>Recommended more research activities.</b>	<b>Life science research lab established to promote research culture among staff and students. Many research paper publications in reputed peer reviewed journals from students and faculty members. Research Journals in three disciplines namely Humanities, Sciences and Management were published with ISSN numbers. Establishment of research lab.</b>
<b>Initiated add on course to be conducted by all the departments. One foreign language add-on – course is planned</b>	<b>All the departments conducted the add course. Add-on-course on French has been scheduled during the year</b>
<b>Meticulous preparation of budget by all the departments.</b>	<b>All activities have fallen in line with the budget prepared.</b>
<b>Initiated and planned to improve Research culture and find areas for consultations.</b>	<b>More than 38 research papers published/ presented during this academic year by the faculty in various journals and conferences. More than 10 students publications in various journals along the faculty has been witnessed.  Few departments have signed MOU/ collaborations with outside institutions.  1. MOU between RCASC, UG Chemistry/ BC and HAC</b>

	<p style="text-align: center;"><b>(Registered under MSME, Govt of India)</b></p> <ol style="list-style-type: none"> <li><b>2. MOU between RCASC, UG Chemistry/ BC and Bhandimane Lifescience Research Foundation, Sirsi, Karnataka</b></li> <li><b>3. MOU collaboration between RCASC and the Institute of Wood Science and Technology(IWST)</b></li> <li><b>4. MOU between RCASC, PG Biochemistry and C.V.R Foods Products, Dharmapuri Dst, Tamilnadu.</b></li> <li><b>5. MOU between RCASC, PG Biochemistry and Pharma Training Institute, Bengaluru</b></li> <li><b>6. MOU between RCASC, Dept of BBM and FINARC Institution, Bengaluru</b></li> <li><b>7. MOU between RCASC, Dept of BBM and Medha Education consultants, Bengaluru</b></li> <li><b>8. The Department of Microbiology has Collaborated with RHP, Knowledge institute for certification of growing media, Netherlands for research projects.</b></li> <li><b>9. The Department of Microbiology Collaborated with MMS Holdings (MMS)- Canton, Michigan, USA for bridging the gap between academic learning and industrial training especially in the field of clinical research and softwares.</b></li> <li><b>10. MOU between RCASC, Department of Commerce and Vachana Investments Private Ltd., Bengaluru</b></li> <li><b>11. MOU between RCASC, Department of Commerce and International Skill Development Corporation (ISDC), Bengaluru.</b></li> <li><b>12. MOU between RCASC, PG Department of Management Studies and Xplore Consultancy Services, Bengaluru.</b></li> <li><b>13. MOU between RCASC, PG Department of Management Studies and Addzup (A unit of Educesta Global Services Pvt Ltd), Bengaluru.</b></li> <li><b>14. MOU for Industry Academic Partnership between RCASC and MMSU a division of MMS Holdings Inc (MMS)- Canton, Michigan, USA.</b></li> </ol>
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**\*Please refer to Academic Calendar of the year as Annexure1.**

2.16 Whether the AQAR was placed in statutory body:

**Yes; Management Committee**

Provide the details of the action taken:

**The AQAR was presented before the Management Committee meeting of the college in July 2018. The Committee members went through the details presented in the AQAR 2017-18 and suggested improvements needed for better performance. The committee congratulated the college for its efforts in improving performance of students in academics as the institution witnessed 7 ranks and 4 gold medalists. Moumita Maji secured 1<sup>st</sup> rank in M.Sc Biotechnology, Somashree Das 3<sup>rd</sup> rank in M.Sc Biotechnology, Saileyee Roychowdhury secured 1<sup>st</sup> rank in M.Sc Applied Genetics, Sadika Banu 2<sup>nd</sup> rank in M.Sc Applied Genetics, Jeevan Raj M.Sc Microbiology got 2<sup>nd</sup> rank, Swapna Shivanand got 5th rank in M.Sc Biochemistry, K.Sindhu got 2<sup>nd</sup> rank in MBA in Bangalore University examination and 45 students have scored centum in various subjects. The aspects that required reinforcement were identified and the concerned sections of the college were given time deadlines to record improvement and get back to report to the management. The aspects for which funds were a constraint were identified.**

## **Part – B**

### **Criterion – I**

#### **1. Curricular Aspects**

##### **1.1 Details about Academic Programmes**

Level of the	Number of existing	Number of programmes	Number of self-financing	Number of value added / Career
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Programme	Programmes	added during the year	programmes	Oriented programmes
PG	5	-	5	3
UG	7	-	7	5
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	12	-	12	8

Interdisciplinary	2	5	-	-
Innovative	-	-	-	-

## 1.2 (i) Flexibility of the Curriculum: CBCS

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	12

Feedback from stakeholders\*Alumni /Parents /Employers/Students (On all aspects)

Mode of feedback: Manual and Online

Feedback from Students, Parents and Alumni has been taken.

**\*Please refer to Annexure2**

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

As per Bangalore University CBCS system has been introduced from the academic year 2014- 15 for UG & PG. Same is continued.

For VI semester B.com, Bangalore University has introduced two new subjects

- a) Performance management and
- b) International Auditing and assurance.

Modification in the subject Finance and Accounting elective was also done by the university.

Credit Based Semester Scheme

- 1. The relative importance to the subjects of study are quantify in terms of credits.
- 2. The subject of study includes foundation, core and skill development courses.
- 3. The declaration of result is based on the Aggregate Percentage of marks obtained as well as on Aggregate or Cumulative Grade Point Average (CGPA) earned.

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

Nil

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.1 Total No. of permanent faculty**

Total	Asst. Professors	Associate Professors	Professors	Others
86	75	07	04	00

**2.2 No. of permanent faculty with Ph.D.: 18****2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year**

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
08	01	0	0	0	0	02	02	10	03

**2.4 No. of Guest and Visiting faculty and Temporary faculty: 13****2.5 Faculty participation in conferences and symposia:**

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	04	98	06
Presented papers	06	45	00
Resource Persons	1	1	0

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

- Organising legal awareness programme and personality development workshops
- Listening for details then answering the questions ,
- Use of multimedia and molecular models.
- Assignments and skill development activities
- Coaching classes for advance learners and slow learners.
- Power point presentation on specified syllabus
- Class seminars related to subject.
- Industry visits
- Group discussions

- Activity Based Learning like, listening Comprehension, Describing Appearances, &Conversations.
- Public speaking and creative writing
- Multimedia applications
- Syllabus oriented trip organised
- Case studies , ICT , role plays, Group discussions, students projects , Internships ppts, Animators and Documentaries, LCDs and seminars.
- Conducted workshop, coaching classes for irregular students, weak students.
- Previous year question papers solved.
- Teaching with AV. Outbound activities
- Extra curricular activities, Club activities, minor projects.

**2.7. Total No. of actual teaching days during this academic year: 180 days**

**2.8. Examination/ Evaluation Reforms initiated by the Institution**

Open book examination for IA Test and MCQs introduced by Bangalore University

**2.9. No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop : 05**

**2.10. Average percentage of attendance of students: 80 %**

**2.11. Course/Programme wise distribution of Pass Percentage:**

Title of the programme	Total Students appeared	Distinction	I	II	III	Pass%
Msc -MB	32	32	-	-	-	100%

M.Sc- BT	40	35	04	-	-	97.5%
B.Sc- (G M.Bio. Chem)	100	68	25	4	1	98%
B.Sc. - BMC	117	86	26	3	-	98.3%
B.Sc EMC	15	09	04	-	-	87%
BA	32	24	1	-	1	86.66%
BCA	72	47	8	1	-	78%
BBA	132	-	45	30	13	83%
BCOM	180	89	71	-	-	88%
MBA	60	8	47	3	-	99.6%
M.Sc. – Boi- chem	15	5	6	-	-	73%
M.Sc- organic .Chem	11	10	1	-	-	100%

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

IQAC plays a vital role in the quality assessment of RCASC, emphasizing teaching-learning-evaluation process. IQAC organizes seminars to provide a platform for healthy interaction between different stakeholders. It also collects feedback from students, which is subsequently analyzed to improve the teaching-learning process.

The Academic Audit is held twice a year that is at the of end odd and even semesters. The auditor verifies the division of lesson plans, innovations in teaching and learning process, results with respect to that of internal assessment and Bangalore university examinations and suggestions given are implemented.

IQAC encourages faculty to attend FDP, conferences to enhance their knowledge and skill sets. Collection and analysis of data on student learning outcomes is done through student feedback on the performance of teachers. This is done by the dedicated IQAC wing of the institution. The feedback is used by the faculty for improving the quality of teaching. The grades of performance as assessed by the students are communicated to the faculty through the principal.

Internal Auditing, Orientation to the general staff. FDPs, Remedial class, Feedback from students. Contribute by conducting Workshops/ Seminars, Evaluate by feedback from the students. Planning calendar of Events, lesson plan evaluation, Teaching dairy, Proctoral System, Feedback from students and parents, Academic audit from internal and external auditors.

### 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programme	Number of faculty benefitted
Refresher courses	0
UGC – Faculty Improvement Programme	0
HRD programme	1
Orientation programme	0
Faculty exchange programme	7
Staff training conducted by the university	06
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	7
Others	1

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	18	0	0	0
Technical Staff	2	0	0	0
Support staff	29	0	0	0

### Criterion – III

#### 3. Research, Consultancy and Extension

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

- Internal Quality Assurance Cell regularly meets the department heads and the research committee members to discuss different plans to promote research climate and motivate the faculty and the students for research and academic advancement.
- It inspires the faculty to pursue MPhil /PhD in their field of interest.
- Successful in encouraging all the departments to conduct add on course.
- To motivate the faculty and students to inculcate the research culture, organizes seminars, workshops, conferences, guest lecturers from various industries and research Institutes, etc., on recent advances in research, opportunities in technological inventions and strategies.
- The students are informed about the various fellowships available for higher studies and they are encouraged to apply for the same.
- With the objective of production of new knowledge and enhancement of quality in the emerging area of commercial, industrial, pharmaceutical and agricultural aspects in relation to societal wellbeing, students are motivated to carry out projects and research activities.
- Motivating the students and staff to publish research articles in peer reviewed National and International Journals.
- Plans for industrial/ study tours, field trips, visit to research laboratories by the students and enhance their urge for research and a good practical exposure.
- Motivating the students to go for internships in industries.
- Motivating to do minor and major research projects
- Encouragement to take up major/minor research projects

### 2.3 Details regarding major projects: 1 completed with fund 3,71,000/-

Department of Microbiology has collaborated with Foundation RHP, Netherlands, for undertaking a Project on Biological control of *Leucocoprinus* (pat) in the organic growing media composed of coir products for horticulture at RPH, Netherlands.

### 3.3 Details regarding minor projects : NIL

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	01	4	0
Non-Peer Review Journals	0	0	0
e-Journals	7	0	0
Conference proceedings	3	45	1

### 3.5 Details on Impact factor of publications:

Impact factor 4.295 Average: 4.5

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned Rs
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Major projects	2 year	Foundation RHP, Netherlands	5000 Euros
Minor Projects	One year	Management	Rs. 50000/-

- 3.7 No. of books published**
- i) Journals with ISSN No. 03
  - ii) Without ISBN No.: NIL
  - iii) With ISBN No.: 01
  - iv) Chapter in edited books: 0

**3.8 No. of college Departments receiving funds from SAP, CAS, FIST etc: NONE**

**3.9 For colleges CPE, DBT, Autonomy etc; Nil**

**3.10 Revenue generated through consultancy: Nil**

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	university
Number	-	2	3	
Sponsoring agencies	-	Indian academic of science and Technology & Management	Management	

**3.12 No. of faculty served as experts, chairpersons or resource persons : 04**

**3.13 No. of collaborations: International: 01 National: 01 other: 2**

**3.14 No. of linkages created during this year: 2**

**3.15 Total budget for research for current year:**

From funding agency: Nil

From Management of University/College: Rs. 1,00,000/-

Total: Rs. 1, 00,000/-

**3.16 No. of patents received this year:** Nil

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

Total	International	National	State	University	Dist	College
2	1	-	-	-	-	1

**3.18 No. of faculty from the Institution who are Ph.D.Guides: 2**

and students registered under them : 3

**3.19 No. of Ph.D. awarded by faculty from the Institution: 3**

**3.20 No. of Research scholars receiving the Fellowships: Nil**

**3.21 No. of students Participated in NSS events: nil**

**3.22 No. of students participated in NCC events:**

**Air force wing** University level 09 National level : 02

**Army Wing:** University level 86 , National level : 02 , State level 11 International level :01

**Total = University level 95 , National level : 04 , State level 11 International level :01**

**3.23 No. of Awards won in NSS: Nil**

**3.24 No. of Awards won in NCC:**

University -03 National -02 State level -02

**3.25 No. of Extension activities organized: NCC 9 , NSS -03**

- College forum
- Taken part in India and China 1962 war memorial
- Students volunteered in Blood camp
- Students volunteered in Polio drops camp at BBMP office
- Students supported in rally for rivers

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

- Blood donation camp
- Eco-Ganesha awareness
- Funds collected and donated to NGO
- Blue run River rally 1/9/17
- Conducted computer awareness program for Sriventakeswara school children on 08/09/17.
- Ozone layer protection day conducted on 16/9/17
- Cancer awareness created through walkathon on 14/2/18
- Mental health rally and street play to promote mental health
- World water day on 22/3/18
- To give awareness about business
- Entrepreneurs day
- World food day 16/10/17
- Awareness about digitalization
- Awareness about demonetisation
- Importance of elections in India and Voting Awareness program

#### **Criterion – IV**

#### **4.Infrastructure and Learning Resources**

##### **4.1 Details of increase in infrastructure facilities:**

Facilities	Existing	Newly	Source of	Total
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		created	Fund	
Campus area	37856 sq m	17244 Sq m	Management	55100
Class rooms	40	15	Management	55
Laboratories	11	08	Management	19
Seminar Halls	3	-	Management	3
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	128	104	Management	232
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs 50,78,843	Rs 7,69,496	Management	58,48,339
Others	-	-	-	7,000

#### 4.2 Computerization of administration and library

Libraries in Main Block & MBA Block have been computerized by using a good

Library Management Software-LIBSOFT-9.8.0.

#### 4.3 Library services:

	Existing	Newly added	Total

	No.	Value	No.	Value	No.	Value
Text Books	30109	10272553	400	159600	30509	1,03,03,062
Reference Books	4111	4466124	54	21492	4165	44,87,616
e-Books	8500 British Council library		85000	-	85000	
Journals	69		69	2,14,295		
e-Journals	Proquest Jgate				2	2,38,472
Digital Database	4				4	45070
CD & Video	725	-----	<b>186</b>	-----	<b>911</b>	-
Others(specify) Newspapers & Magazine			60	94,081	60	94,081
Others(specify) Bound vol. Jrnls.	60	105164	60	26090		
Total						

#### 4.4 Technology up gradation (overall)

	Total	Comput	Internet	Browsing	Compute	Offi	Departmen	Other

	Computers	er Labs		Centres	r Centres	ce	ts	s
Existing in May 2018	212+ 6 laptops	4	All computers	02	02	10	9	4

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

Library has equipped with 8 computers for teachers and students for research, training programme.

Computer labs are used by teachers and students after their class hours for internet access, training, academic audit and research activities.

#### **4.6 Amount spent on maintenance:**

i) ICT	Rs.15,43,419/-
ii) Campus Infrastructure and facilities	Rs. 82,88,188/-
iii) Equipments	Rs. 7,69,496/-
iv) Others	Rs. 5,52,769/-

#### **Criterion – V**

#### **5. Student Support and Progression**

## 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The key features of IQAC with respect to that of its mission is to provide and enrich awareness about student support service. Each and every phase that the students step into is tracked and supported by the institution through the competent IQAC members. The following are the few student support services that have been ensured by the IQAC to be delivered to the students.

- IQAC has student volunteers from every department. This will help the students to acquire skills of coordination, team work and execution of activities in a better manner.
- Prospectus – that provides the first hand information about the institution, course details, facilities available at the institution, co-curricular and extra-curricular activities that can be availed, lab facilities, faculty profile, library facility, placement facility etc. In addition to it the student diary which gives information about the calendar of events is also made accessible to the students through the orientation program.
- Scholarships/financial aid to the students – The IQAC ensures that the college provides to the educational requirements of the students belonging to economically weaker sections of the society, meritorious students, students those excel in sports. The college offers monetary assistance to these students, which is received from the State Govt., other agencies and the Management of the college. Approximately 50-70% students of the college get benefit from these scholarships.
- Students to partake in various competitions/National and International/Organizing tutoring classes for competitive exams: The coaching for Soft skills, Resume preparation, scientific writing, Group Discussion, Interview skills, short term computer courses, certifications on various entrepreneurial programs, taught to needy students.
- Students have been given a choice to select their interested area of service to the community at the admission level itself, like NCC Army Wing, NCC Air Wing, NSS, YRC etc., Where every year the concerned units conducts camps in which students take part actively and which moulds students with overall development.
- There is special consideration for students belonging to differently-abled category or physically challenged students during the admission process. IQAC make sure their requirements and prerequisites are given a special care and attention.
- Overseas students: The IQAC ensures that the institution extends its facilities to overseas students as per the university guidelines and security clearance. Amenities like health centres, hostel accommodation, canteen facilities etc are provided.
- IQAC ensures that the students and the staff members are provided with medical assistance. Our College follows a systematic process of acquiring the medical history of the students during the admission process via Proctorial/Mentoring forms. Institution has a very special concern for the health and hygiene of the college students, staff and other members.
- Initiation of Mentor-Mentee scheme- Proctors being assigned with 25 students to keep track of the student development, to keep the parents informed about their wards development and to counsel the students if necessary.

- Initiation of Academic audit: An efficient way of recording the data of university marks and tracking the academic advancement.
- Grievances Redressal, Women cell, anti-ragging cell, counselling cell, Equal opportunity cell were few of the support services initiated by the IQAC.

## 5.2 Efforts made by the institution for tracking the progression

Proctors preserve track of the students' development by preparing Part B & C of academic audit. The final year students are guided for further studies and are tracked through mails and phone calls once they complete their course. The students share their opinions during alumni meet also.

Present students' progression is tracked by doing academic audit every semester.

Alumni database is maintained by the department, through which students' progression is recorded.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2105	333	-	-

(b) No. of students outside the state: 243

(c) No. of international students: 2

Men	<table border="1"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>1320</td> <td>54.1427%</td> </tr> </tbody> </table>		No	%	1320	54.1427%	Women	<table border="1"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>1118</td> <td>45.8573%</td> </tr> </tbody> </table>		No	%	1118	45.8573%
	No	%											
1320	54.1427%												
No	%												
1118	45.8573%												

Last Year	This Year
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General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1750	119	51	-	-	1920	1761	117	53	507	-	2438

Demand ratio 1: 1.2          Dropout %: 4 to 8%

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

Assistance given to students to take up MAT/CAT for admission to PG course Library, apart from the regular books required in the curriculum also maintains books for the competitive exams like CAT, PG CET and KMAT. Many students have taken up and will be taking NET exams. Books for preparing competitive exams are accessible in the department library to lend the students

No. of student's beneficiaries: 547

#### **5.5 No. of students qualified in these examinations**

CAT: 24

IPS :01

M. Sc Chemistry: NET – 01, GATE - 01

#### **5.6 Details of student counselling and career guidance**

The counselling cell was active throughout the semester and provided suggestions, advices, short term/ long term interventions to U.G and P.G students.

Maximum benefit was taken from the students for different issues from the counsellor. Register was preserved for the same along with initials, complaints and solutions.

The students come with issues related to academics, attendance, personal and interpersonal issues. Few students who have involved in many external activities outside the college and

able to pay their fees and economic support to their families, they need counselling related to time management and other coping skills. As there are many adolescent and early adults in the college, they come up with problems such as peer pressure, exam anxiety, comprehension problem, addiction to substances such as nicotine, alcohol, marijuana and other social networking sites addiction such as whatsapp, face book, twitter and video games, relationship issues and many more.

**Around 05 students have utilized counselling and** for their problems counsellor gives advices, coping strategies so that they can able to attend regular classes, solve simple and complex problems related to friends, home and relationship.

Counselling helps many students by showing drastic constructive changes in their cognitive behavioural aspects and academics.

Minor CBT, BT, stress management practices and relaxation techniques sessions have been conducted to those students who have involved in addiction and also advices for medical care. If required, counsellor will also have meetings with parents during PTM and also through telephonic discussions.

Overall counselling helps students to develop both moral and ethical values.

- Department of BBA conducted a workshop for third year Students “Choosing a right Career is one main stream Concept” on 18<sup>th</sup> July 2017.
- Department of BBA organized a Guest Lecture by Dhvani Shah from Finarc Institution related to Value added courses for all the BBA students on 16<sup>th</sup> July 2017.
- Department of BCA organized a Seminar on “Career Guidance” for Final Year Students by Mr. Binod Kumar Conqrity Infotech.
- Department of Commerce organizes a program on “Career Opportunity in Finance” by Mr. Narayanan Nambiar and Mr. Satish M from Global IFTI Pvt Ltd on 26<sup>th</sup> Oct 2017.

No. Of students benefited: 434

### 5.7Details of campus placement

<i>On campus</i>			<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	
19	261	<b>87</b>	115	

### 5.8 Details of gender sensitization programmes.

Gender sensitization cell is present and staffs have been told to be gender sensitive in the teaching and learning process.

Poster presentation “Impact of Gender on Children”, 22<sup>nd</sup> March 2018 Judged by RCASC Principal Dr. A. Nagarathna.

FDP was held for teaching faculties on “Gender in the work place” by Prof.Sarasu Esther Thomas, Professor of Law, National Law School of Indian University, on 22<sup>nd</sup> March 2018.

## **5.9 Students Activities:**

### **5.9.1 No. of students participated in Sports, Cultural, NCC and other events**

Sports:

- National level: 02
- State/ University level: 90
- Institution level: 400

Cultural:

- students participated at RCASC - 450

NCC:

- International – 1
- National – 6
- State – 3
- University level - 72

### **5.9.2 No. of medals /awards won by students in Sports, Cultural, NCC and other events**

Sports:

- National : 1
- State/ University level: 7

Cultural:

- State/ University level: 30

NCC:

- National - 02

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	201	18,04,500
Financial support from government	126	16,41,063

## 5.11. Student organised / initiatives

- Postgraduate department of management students taken initiative of creating awareness on Voting Right by Flash Mob at RCASC Campus and Yeshwanthpur Market Circle.
- Postgraduate department of management students organized Inter collegiate fest “Exparto -2K17 on 11 the December 2017.
- Management Club “Midas” formed on 17<sup>th</sup> March 2018.
- “Helping Hands” CSR Club and Logo was Inaugurated on 11<sup>th</sup> Dec 2017 by Principal and Vice Principal.
- Enigma 2K17 Management fest from BBA department conducted from 11/10/2017 to 14/10/2017
- B.C.A Department had conducted Computer awareness program to the school children of Sri Venkateshwara Swamy Hiriya Primary School Nagashettyhalli Bangalore on 8<sup>th</sup> September for one in College premises
- B.Com Department Commerce Club had organised Emporia 2K18 and Inter-Class Commerce event from 19<sup>th</sup> march 2018 to 24<sup>th</sup> march 2018
- B. Sc EMCs organised a Powerpoint Presentation to students on 16<sup>th</sup> September 2017 on the need of Protecting Ozone Layer.
- B. Sc EMCs Cancer awareness program on 15<sup>th</sup> February 2018.

## 5.12. No. of social initiatives undertaken by the students: 04

## 5.13. Major grievances of students (if any) redressed:

- The department of English found the students who did their schooling in medium of instruction other than English found it hard to cope with core curriculum since it is taught only in English. Some students found it difficult to communicate effectively.
- The department of computer science students have grievances on Air conditioning of Computer lab.
- The Department of English redressed the grievances of the students by conducting spoken English classes, organising Add on courses on communicative English and also conducted remedial grammar classes for weak students.

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

**Vision:** “To prepare men and women for the service of the country”

**Mission:** “M S Ramaiah college of Arts, Science & Commerce shall deliver global quality education by nurturing a conducive learning environment for a better tomorrow through continuous improvement and customization”

#### **6.2 Does the Institution has a Management Information System**

- Yes, the institution has a management information system.
- The institution has been digitalized where the student profile, faculty profile, proctorship, attendance, time table, class management and feedback etc., is managed systematically through **GURUKUL** software.
- For the effective and smooth functioning of the college, The Head of the departments interacts with stakeholders, faculties, parents, students and alumni.

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

##### **6.3.1 Curriculum Development**

- The curriculum is decided by the Bangalore university, as the college is affiliated to Bangalore university.
- Individual departments of the institution conducts value added courses, add-on course & certificate courses to supplement the students’ knowledge.
- The college also conducts conferences, workshops, seminars & the guest lectures to upgrade the knowledge of both the students & the faculties.
- For the effectiveness of the current curriculum, an assessment is done through feedback taken from faculty, students, alumni, subject experts & employers.

##### **6.3.2 Teaching and Learning**

- Faculty members are motivated to design contemporary, skill based and value-added courses every year, by keeping in mind the present changes in the teaching methodology and learning process.
- Faculty Development Programmes were conducted to enhance their teaching skills.
- Time, space, financial and human resources are well planned in the beginning of the year.
- The inputs from various constituent departments or units of the college are taken by the principal and IQAC before the beginning of the semester.
- These inputs are analysed, consolidated and approved wherever needed to the maximum possible extent.

- The college prepares the calendar of events of the semester well in advance and is made available to both faculty and the students.
- Semester plans with teaching objectives and lesson execution with learning outcomes diary maintaining, adhering to the time schedule.
- The faculty members are provided with LCD projectors, OHP projectors, Computers with internet facility and other gadgets whenever they require.
- Entry level tests, Bridge course classes and remedial classes were conducted on time.
- Add-on courses, certificate courses & value added courses will be conducted every semester for the betterment of the students.
- On regular basis the college conducts- unit tests, class tests, internal exams, preparatory exams & other evaluation methods and discussing the results with the students.
- Industry visits / institutional visits.
- Minor projects, assignments and student seminars including presentations.
- Academic competitions Academic audit pro-forma is filled by the faculty and it is audited by IQAC and external auditor.
- Feedback on teaching is taken from the students, it is analyzed and discussed with the concerned faculty.
- Learning is made student centric by the use of methods like power point presentations, 3-D models and by making the students to use required software that is available in the campus.
- Parents-Teachers meeting were held regularly to inform the parents about their wards.

### **6.3.3 Examination and Evaluation**

Strategy followed is about the plan and implementation of:

- On regular basis the college conducts- unit tests, class tests, internal exams, preparatory exams & other evaluation methods and discussing the results with the students.
- Providing answer sheets / blue books for the tests, exams.
- Consolidating the marks of the students.
- Assignments and student seminars including presentations.

- Academic competitions Academic audit pro-forma is filled by the faculty and it is audited by IQAC and external auditor.

The Final semester exams are conducted by the Bangalore university and the evaluation is done at the university.

#### **6.3.4 Research and Development**

- Analysis of the quality and quantity of research work carried out in the college through respective committee.
- Gather information on the expertise available within the college.
- Apply for funding agencies for research projects.
- Encourage faculty and students towards research.
- Try to attain patents.

#### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

The steps followed in the institution is as follows;

(1) The librarian with respect to library,

(2) IQAC with respect to ICT,

(3) Principal (with HODs) with respect to infrastructure and instrumentation are as follows:

- Yearly budget proposals are collected from every department and units before the academic year start. Such budgets from various departments are consolidated and will get approved by the top management in time. Based on the urgency, necessity, existing available status, the budget proposed by the department is analyzed and accordingly will be sanctioned.
- It is the responsibility of the HOD/ head of the unit to proceed and purchase/ getting serviced etc. within the academic year based on the need and according to the norms of the college.

#### **6.3.6 Human Resource Management**

- The human resource management has two facets. One is the optimum and efficient management of the staff as human resource and the other is how the college creates good human resource for the country.
- The availability of the expertise is shared in an inter-departmental manner.

- The availability of faculty expertise in IQAC is used in documentation and in motivating the college for getting accredited by agencies and during visits of committees from the affiliating university.
- Optimum management of faculty as human resource in extracurricular activities of the college.
- The faculty are encouraged to acquire additional education qualifications for which increments in salary is provided as motivation.
- In connection with creation of good human resource from the students for the country the following strategies are followed:
  - Placement records of the students are analyzed.
  - Interactions with prospective employees.
  - Feedback from the employers with whom our alumni are placed.
  - Feedback from alumni.

### **6.3.7 Faculty and Staff recruitment**

The strategy adopted is based on:

Justifying the need of the recruitment, then giving newspaper advertisement, giving preference to SC, ST candidates and the recruitment is done after conducting interview by the selection panel.

The selection panel consists of the Principal, Head of the concerned department, a senior member of the faculty and an external subject expert. Candidates deemed suitable to meet the institutions requirements are appointed on probation for two years. They are given a permanent position by the Management after assessment of their performance.

### **6.3.8 Industry Interaction / Collaboration**

The strategy followed is

- Find out areas or sectors of the curriculum where such interactions are beneficial for the students and the college. The HOD should get permission from the college for approaching industry or institution.
- The HOD to write to the Industry or the collaborating institution, discuss with them about the feasibility, the time frame, the cost if any to be paid etc.
- Put up a proposal to the college by stating the need, the process, the time schedule, the benefit, the cost involved.
- Upon approval by the college (by the Principal / Chief Executive/ Chief of Finance/ Directors of the college/ all of them, depending on the case) the concerned papers are signed by both the college authorities as well as the external agency.



- The actual process is implemented/ executed within the time frame that is already decided.

### 6.3.9 Admission of Students

- All information relating to admission processes is made known to the public by way of banners, website and Help Desk that is set up during admissions.
- The College website and prospectus contain information about the institution and the programmes offered. The prospectus that highlights the details of various programmes of the College is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission.
- The filled in application forms are collected from the candidates desiring to take admission
- The applications are arranged mark wise and category wise.
- The list of selected students is prepared by solely considering their marks in the qualifying exam and by considering the category (SC/ST/OBC etc.).
- The list is displayed on the notice board and last date to pay fees is specified in the list along with the fees to be paid for admission
- In all the courses admission is done by the students after paying the fees in the colleges bank, namely Vijaya Bank, MSRIT branch or Axis Bank and getting admission letters from the college office.
- Preference is given to physically disabled students during admission
- If a second or third list is required, such lists are also prepared based on marks, category and the same procedure for admission is adopted similar to first list.

### 6.4 Welfare schemes for

Teaching	<p>Health related schemes exist for faculty members.</p> <p>Welfare fund from the salary of staff at the rate of Rs. 50 per staff is collected. From this loan facility is available to staff.</p> <p>Contributory Provident Fund for faculty.</p> <p>Maternity leave.</p>
Non-teaching	<p>Health related schemes (ESI) exist.</p> <p>Welfare fund from the salary of staff at the rate of Rs. 50 per non-teaching staff is collected. From this loan facility is available for them.</p> <p>Financial aid to educate the children of supportive staff.</p> <p>Admissions, scholarships and fee concessions for children of administrative and supportive staff.</p>

Students	Health related facility is available, counseling, placement. Fee concession for meritorious and deserving students.
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**6.5 Total corpus fund generated**

The reserve fund available with the college is Rs 300 Lakhs.

**6.6 Whether annual financial audit has been done: Yes.**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	The external persons identified by the college.	Yes	IQAC
Administrative	Yes	Auditors of Gokula Education Foundation.	Yes	Principal, Manager Finance and Manager Admissions.

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

For UG Programmes: Yes, For Final year students.

No, For I and II year students.

For PG Programmes: No, For both I and II year students.

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

Whenever the university makes changes relating to the examination, it does so after

- Identifying the need to change,
- The change that is required is discussed in the university meeting,
- Then discusses with the principals of affiliated colleges in the principals" meeting,

- Introduction of interdisciplinary subjects for holistic and overall development of students.
- Introduction of MCQ papers for interdisciplinary subjects in all UG and PG courses.
- Notification to all the colleges and the university departments. For example, in a recent principal meeting, the introduction of Choice Based Credit System (CBCS) in the university was discussed and the possible exam reforms subsequent to it. Another example is the circular sent by the university regarding the change in the number of years by which a student can complete the course and qualifies for the degree.

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

The university specifies the minimum requirement to be possessed by the college to apply for autonomy. The university calls for proposals by the college to request for grant of autonomy to the college. It processes and sanctions autonomy to eligible colleges with a short time, namely before the next academic year.

#### **6.11 Activities and support from the Alumni Association**

- Alumni Day is organised on the second Saturday of March every year.
- Alumni are active members of IQAC
- Alumni guide the present students in higher study prospects, information on placement opportunities, they also conduct workshops and seminars for the present students.
- Alumni also guide the present students in getting jobs.
- Alumni have presented research papers in the conferences conducted by the college
- Alumni has contributed funds to setup a scholarship fund to help and award meritorious students from B. Com and BBA

#### **6.12 Activities and support from the Parent –Teacher Association**

Parent –Teacher meeting will be conducted once in each semester. Feedback is provided by the parents on all aspects of the college. However, there are activities organized by the college wherein parents are encouraged to participate. In the beginning of the academic year the parents of newly admitted students are invited for the Orientation program to familiarize on all the academic activities and student support services offered on campus. Departments organize one-on-one dialogue with parents whose children need further support and counselling services to enhance performance. Parents can visit the campus any time and meet the concerned teachers to know the prospects of their ward.

### **6.13 Development program for support staff**

Programmes have been organized for the supporting staff who did not know to read or write. They can now operate their own bank accounts and fill in their casual leave forms. Computer literacy programs are organized for those who know to read English. Training programs meant for them like Modular Skill development programs have been enabled. Programmes to imbibe team work concepts are organized. Educating programs to make them aware of the solid waste segregation process have been done. Support staff is also made involved in all the activities of the college, cultural programs, sports, May Day celebration for support staff encourages them to develop affection towards the institution.

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

The College, on a regular basis, makes a thorough environmental assessment of the campus and implements healthy ecological practices in water, energy conservation and waste management. Some of the initiatives are as follows:

- Organized RALLY FOR RIVERS across India in association with ISHA Foundation
- Organized the “GREENATHON” in association with Human Rights Defenders Council to spread awareness about “SAVE ENVIRONMENT” at MEI ground, Bagalunte, Bangalore.
- Banavar lake renovation.
- Rain water harvesting.
- Solid waste segregation in labs as well as other places of the college.
- Collecting E-waste and handing them over to E-waste recycling industries.
- Organising events to mark Environment Day, World water day.
- Making the students to install only non-painted Ganesha Idol for the Ganesha Chaturthi are some of the initiatives taken by the college.
- An added initiative towards this is establishment of STP (sewage treatment plant) in the campus.

# Criterion – VII

## 7. Innovations and Best Practices

### 7.1 Innovations introduced during this academic year are as follows

1. All the departments conducted hands on training, add on courses and certificate courses for students to enhance the skill and job prospects.
2. Science department has taken the initiative of encouraging to write DST/DBT/UGC funded projects, add on course/ certificate course.
3. All the departments are uploading the attendance and marks online and SMS are send to the parents.

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

1. Department of Biotechnology and Genetics conducted Industrial training on Animal Cell Culture in association with Genelon Institute of Life sciences Pvt. Ltd. from 18<sup>th</sup> – 24<sup>th</sup> Sept 2017.
  - Department organised one day work shop on “RAPD Techniques” in association with Hi Media India Pvt. Ltd. on 1<sup>st</sup> Nov 2017.
2. Department of Microbiology has conducted a hands on workshop on “Basics tools in bacterial genomics” on 16<sup>th</sup>&17<sup>th</sup> Aug 2017.
  - They also conducted one day symposium on “Career opportunities in clinical research” in association with MMS- Canton, Michigam, USA on 16<sup>th</sup> March 2018.
3. Department of Commerce has signed a MOU with “ProEdge Skill Development and Edutech Pvt. Ltd on Aug 2017.
  - Department also conducted a add on course (26<sup>th</sup> -27<sup>th</sup> March 2018 ) with Finmark Institute.
4. Department of English conducted workshop to boost their SMART skills .
5. Department of Management Studies made MOU with Xplore Consultancy Srvices on 8<sup>th</sup> June 2017.
6. Department of chemistry has organised an add-on course on “Bascics Techniques For DNA Isolation And Protein Purification”(17<sup>th</sup> Aug-17<sup>th</sup> Sept 2017) in association with Genelon Institute of Life Sciences.
  - Department has got MOU with CVR Foods Products , Dharmapuri, TAMILNADU for collaborative projects and another MOU with Institue Of Wood Science and Technology.
7. All the departments have scheduled their activities as per the calendar of events prepared in the beginning of the year.

### **7.3 Give two Best Practices of the institution**

**\*Please refer to the details in annexure3**

### **7.4 Contribution to environmental awareness / protection**

1. Department of Biotechnology and Genetics organised “Blue Run” for creating the awareness regarding water and conservation of rivers.
2. Department of Chemistry and Biochemistry conducted “Greenathon” to spread awareness about “Save environment”.

### **7.5 Whether environmental audit was conducted?**

Yes. The audit is conducted twice a year that is every semester with respect to green cover, water and energy.

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

#### **Plans for the next year**

- Implement research projects
- To develop ecofriendly campus
- Placement- tie up with portals and consultancies for training and development of student employability
- Organic composting.
- More value added course for student
- To organize intercollegiate fest
- Studio for Journalism
- To organize conference ,workshops and FDP
- To collaborate with industries for research from various research and placement
- To obtain financial grants for research from various agencies like DST/DBT/UGC.

#### **SWOT Analysis**

##### **STRENGTH-**

- Unity in Diversity.
- More than 95% results, Bangalore University Ranks and Centum scorers.
- Qualified and experienced faculty with intensive coaching Strengths.
- Adopting innovative method of teaching.
- Better placements are provided for the students.
- Well-equipped laboratory.
- Brand Name (Ramaiah).
- Many of our students are very active in social and cultural media.

##### **WEAKNESS-**

1. Lack of language labs.

## **OPPORTUNITIES –**

1. Introduce basic life science courses
2. To procure funds from funding agencies for research.
3. To organize Value added course as per the requirement for industries to enhance placement.
4. Looking for research grant

## **THREAT-**

1. Inadequate job opportunities for under graduate students.
2. Diminishing research urge towards research among students

Name: Karanam Kavitha  
The Coordinator, IQAC

Name: Dr. A. Nagarathna  
The Chairperson, IQAC And the Principal

## **ANNEXTUE 2 FEEDBACK FROM STAKEHOLDERS**

The outcome of the feedback:

Students: About 88% of the students gave the feedback on teachers, facilities available at the institution and the curriculum has prepared them for finding a better job or for getting admission to higher studies.

Online Feedback from students has been taken through Gurukul Software.

The average rating of the teaching faculty as rated by the student is 88%.

Parents: Parents have expressed their happiness about the progress of their wards. They are also happy for facilities, infrastructure and activities that were conducted for the students from various departments.

Alumni: Alumni is well connected to the institution through different activities. They are well connected and working in various field through their association with the institution.

## ANNEXURE 3 BEST PRACTICES

### 1. Title of the Practice

Add on course.

### 2. Goal

Add on course are always add on advantage for every department of our institution. These courses enable the students to develop a link between bachelor course with to their masters degree. Further it also imbibes the students with the concrete knowledge of the subject which they can contribute for research field and to the betterment of society and scientific community.

### 3. The Context

As the application of the prescribed syllabus is very limited, in recent times an initiative programme like add on course will develop an urge in the students to acquire additional knowledge. Add on course encourages students to gain more theoretical knowledge and co-relating the theory and practical paper allowing them to stand in better position in scientific/ industrial aspect. These kinds of course give them an opportunity to start up in their respective fields.

### 4. The Practice

Based on current trends and industrial needs topics were chosen and were given to the students for their feedback. The topic which was primarily selected by the students was chosen as add on course for that particular semester. The syllabus was designed and appropriate resource person with required resources were selected add allotted to complete the course. The students were given the certificate at the end of the course.

### 5. Evidence of Success

Many students who took up an add on course selected the same course for their higher studies. Many of them could crack the competitive examination to get placed.

### 6. Problems Encountered and Resources Required

Finding the correct resource person for few selected topics in such cases we took the help of sister institutions.

### 7. Contact Details

Name of the Principal: Dr.Nagarathna

Name of the Institution: Ramaiah college of Arts, Science and Commerce

City: Bangalore

PinCode: 560 054

Accredited Status: A

Work Phone:080 23600966

Website: [www.msrmcasc.edu.in](http://www.msrmcasc.edu.in)



## **Best practice II**

### **1. Title of the Practice**

Sewage Treatment Plant (STP)

### **2. Goal**

Reuse of environmentally safe water after the removal of physical, biological and chemical pollutants.

### **3. The Context**

Process of sewage treatment creates awareness among the young generation about the importance of water and their proper usage.

### **4. The Practice**

College has designed a septic tank at the basement of the building which facilitates the collection to used water for treatment. Collected water is treated for the removal for physical, biological and chemical waste. Treated water is circulated to the main water tank from there it is distributed to different labs and wash rooms.

### **5. Evidence of Success**

STP has made the institute less dependent on the municipal water supply and more environmental friendly for disposable for water wastes.

### **6. Problems Encountered and Resources Required**

The major disadvantage of STP the foul odour which causes uneasiness walking around the treatment plant. It also causes noise pollution

### **7. Contact Details**

Name of the Principal: Dr.Nagarathna

Name of the Institution: Ramaiah college of Arts, Science and Commerce

City: Bangalore

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Accredited Status: A

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Website: [www.msrtcasc.edu.in](http://www.msrtcasc.edu.in)