Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE**
Name of the head of the Institution	**Swami Kamalasthananda**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**03325682049**
Mobile no.	**9432516982**
Registered Email	**rkmvccollege@rkmvccrahara.org**
Alternate Email	**rkmvcc.1963@gmail.com**
Address	**Ramakrishna Mission Vivekananda centenary College, Rahara, Kolkata-700118**
City/Town	**Kolkata**
State/UT	**West Bengal**

Pincode	**700118**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**28-Feb-2017**
Type of Institution	**Men**
Location	**Semi-urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**DR. PRADYOT KUMAR MEDDA**
Phone no/Alternate Phone no.	**03325682049**
Mobile no.	**9831943122**
Registered Email	**rkmvccollege@rkmvccrahara.org**
Alternate Email	**rkmvcc.1963@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://rkmvccrahara.org/images/uploads/FileUpload_201214003231073.pdf

4. Whether Academic Calendar prepared during the year

	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://rkmvccrahara.org/upload/Category_11_201214190752772.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.14**	**2014**	**10-Dec-2014**	**31-Dec-2022**

6. Date of Establishment of IQAC

	02-May-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IQAC meeting	19-Dec-2019 1	17
IQAC meeting	04-Feb-2020 1	17
IQAC meeting	15-Jun-2020 1	16
Participation in NIRF ranking	04-Dec-2019 84	15
Guardian-Teachers Meeting	24-Sep-2019 28	364
Feedback & Implementation of Students Feedback	08-Jan-2020 15	478
AQAR (2018-2019) submission	19-Dec-2019 1	17
DBT Star College	06-Dec-2019 1	11
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	CPE	UGC	2016 1825	11000000
Institution	DST FIST	DST	2018 1825	15000000
Institution	DBT STAR	DBT	2020 1095	10400000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Application for NIRF ranking and securing All India Rank 11 at the level of College Category. 2. Organization of National and International Seminars and Workshops related to development of teachinglearning, research and innovation, value and ethics. and Orientation of other Colleges for NIRF in various workshops 3. Promoting participation of students in various skilloriented Hands on training workshops and participation of students in summer internship programmes like Science Academies SRPF, VSRP of TIFR, MTTS of NBHM etc. in various prestigious national institutes and universities like CDRI, Lucknow, TIFR, IISER, IITs, BHU etc. 4. Introduction of New Courses: a) Two new certificate courses: a) Psychoinformatics and b) IOT/Robotics b) New DBT, Govt. of India sponsored PG Diploma course: Skill Development Programme in Agriculture Biotechnology "Quality Assurance Testing of Tissue Culture Raised Plants" 5. The College has been recognised as DBT Star college by the Department of Biotechnology (DBT) under the Scheme on DBT STAR college. In this scheme the five departments of the college has got fund for the up gradation of laboratory infrastructure.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
3. Participation of students in academic and co-curricular activities	NPTEL Course Toppers: Soumen Halder -Computer science, Sukantha Dey- chemistry, Arijit Paul- Mathematics, Pushkar Pramanik - physics
3. Participation of students in academic and co-curricular activities	Five students of our College Padmanava Dasgupta, Soham Basu, Aakash Chhetri of Zoology (Hons.) and Rishav Kar, Anubhab Das of Microbiology (Hons.) and qualified for the National Level in the Wetlab Championship and Shaastra (IIT Madras Event) on Natural Medicine and its scope in Biomedical Sector.
3. Participation of students in academic and co-curricular activities	Niladri Sekhar Patra and Debadri Bera received Gold Honour for being placed among top 5% in International Youth Math Challenge, Germany
3. Participation of students in academic and co-curricular activities	Debapratim Paramanik, Raju Mondal and Anomitra Neogy (1st Semester) stood Second in Model competition of District Students-Youth Science Fair 2019, organised by Department of Youth Service and Sports, Government of West Bengal

3. Participation of students in academic and co-curricular activities	Ritam Chakraborty (student of third semester Mathematics) has successfully completed mini-MTTS Programme of NBHM in Madurai
3. Participation of students in academic and co-curricular activities	Debanjit Mandal, of Mathematics Hons. who stood Fourth in International Youth Mathe Challenge got selected to participate in a workshop to be held in December 2019 in Egypt.
3. Participation of students in academic and co-curricular activities	Padmanava Dasgupta and Soham Basu, student of Vth Semester Zoology (Honours) won the First prize in GENETIQUIZ 2019 competition organized by Calcutta Consortium on Human Genetics (CCHuGe)
2. Organization of seminars and workshops	2. 47 seminars : International Seminar 7 (two days' duration) , National Seminar 27 and Institutional Seminar 8, state level seminar 5
1. Application for NIRF Ranking	1. The college secured 11th rank in college level.2. Organization of seminars and workshops
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	11-Dec-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**04-Dec-2020**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**27-Dec-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information System of the Institution The following modules are operating in respect of MIS. The details are available in the college

website. The institution is managed and governed by the different committees with the specific rules and responsibilities vested upon the each committee. The following is the brief guidelines of the functions of the different committees are actively involved in day to day affairs of the college. Module 1: Governing Body Module 2: Office of Controller of Examinations Module 3: Academic Council Module 4:Teachers' Council Module 5:Academic Administrative Audit Committee Module 6:Internal Quality Assurance Cell Module7:Internal Complaints Committee Module 8: Placement Career Counselling Cell Module 9:Equal Opportunity Cell Module 10: Vivekananda Shiksharthi Samiti Module 11: Finance purchase Committee Module 12: Anti Ragging Cell Module 13:Board of Studies of Departments: Module 14:Code of Conduct for Students Module 15: Code of Conduct for Teachers, Nonteaching Staff Members and Administrators

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	Core Course-II	B.Sc. Zoology (Hons.)	01/07/2019
BSc	Core Course-IV	B.Sc. Zoology (Hons.)	01/07/2019
MSc	All papers	M.Sc. Chemistry	01/07/2019
MSc	All papers	M.Sc. Botany	01/07/2019
MSc	All papers	M.Sc. Zoology	01/07/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
PG Diploma	PG diploma course in Agricultural Biotechnology	01/03/2020	"Quality Assurance Testing of Tissue Culture Raised Plants"	01/03/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	M.Sc. Zoology	01/07/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	B.Sc. Physics	01/07/2019
BSc	B.Sc. Chemistry	01/07/2019
BSc	B.Sc. Mathematics	01/07/2019
BSc	B.Sc. Zoology	01/07/2019
BSc	B.Sc. Botany	01/07/2019
BSc	B.Sc. Computer Science	01/07/2019
MSc	M.Sc. Chemistry	01/07/2019
MSc	M.Sc. Botany	01/07/2019
MSc	M.Sc. Mathematics	01/07/2019
MSc	M.Sc. Zoology	01/07/2020
BSc	B.Sc. Microbiology	01/07/2019

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Value Education and Indian Culture Course as a Skill Enhancement Course	01/07/2019	272
	View File	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	The College registered for Coursera for Campus online course programe	378
BSc	Science Academies Summer Research Programme Fellowship Internship at IISER, Kolkata	1
BSc	Young Science Academy of India (YAI) Internship	1
BSc	TIFR Collaboratively Understanding Biology Education(CUBE), Tata Institute of Fundamental	1

	Research (TIFR)	
BSc	Summer Internship at Yogi Vemana University	1

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Students' Feedback analysis: Through the questionnaire college has developed the teaching-learning process in many dimensions. Some are given below: a) The college can understand the total syllabus finished in the class b) The college improves the teaching standard taking the help of visiting faculty member outside the institution c) The college recommends the students in reputed institution for internship and projects. d) The college invites the good teachers form outside for conducting seminars and workshop which will helpful for both teachers and students. e) The college conducts different certificate courses for improve the soft skills, life skills and employability skills of the students. f) The college has started the intensive coaching for JAM and other All India entrance for pursuing their M.Sc. courses. Teachers' Feedback analysis: Through the questionnaire college has developed the teaching-learning process in many dimensions. Some are given below: a) Teachers' orientation can easily be understood. b) If teacher wants to pursue more research, the college provides all sorts of help for meaningful development c) If teachers wants to develop his teaching skill, the college also support all sorts of help. d) Understanding the personal problem of the teacher college tries to assign him so that he can give the highest to the institution. e) The college gives leave to all wiling teachers who wants to join in different national / international workshop and symposium. Employers' Feedback analysis: Through the questionnaire college has developed the teaching-learning process in many dimensions. Some are given below: a) The college through its career counselling cell invites reputed persons who are attached in different industries and companies for giving talks. b) The employers' very encouraging response is also cited to the present students for their overall confidence and growth c) Communicative English and Computer course are introduced as certificate course as the feedback from the Employers. Alumni Feedback analysis: Through the questionnaire college has developed the teaching-learning process in many dimensions. Some are given below: a) The college has introduced the Free Tiffin Scheme for the poor and needy students of the college. b) The college has given the financial help to the poor and meritorious students through different scheme like Tuition Fee weaver scheme, Book Grant, Financial Aid, etc. c) The college has organised the Eye check-up camp for the students for their healthy body d) The college encourages the Vivekananda Shiksharthi Samsad for mental and psychological development of the students. Parents' Feedback analysis: Through the questionnaire college has developed the teaching-learning process in many dimensions. Some are given below: a) The college actively monitor the students for their overall growth and development b) The college arranges some

training program for the students outside the college. c) The college understand the difficulties faced by the students in the different classes and try to sort out the problem by providing remedial coaching and continuous mentoring process of these students. d) According to the Parents' feedback college guides the students who are suffering from some chronic diseases for their future study.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Botany (Hons.)	40	123	40
BSc	Mathematics (Hons.)	55	378	55
BSc	Chemistry (Hons.)	55	354	55
BSc	Physics (Hons.)	55	323	55
BSc	Zoology (Hons.)	55	327	55
BSc	Microbiology (Hons.)	25	145	25
BSc	Computer Science (Hons.)	25	126	25
MSc	Chemistry	35	116	35
MSc	Botany	30	78	30
MSc	Mathematics	30	89	30
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	623	95	41	24	24

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
41	41	35	35	12	5
View File of ICT Tools and resources					

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

Mentoring system is in vogue with a mentor: mentee ratio of 1: 10. Mentors' Meet, held twice a semester, helps the mentees to interact with the mentor in person. Mentoring system provides an opportunity for identifying the varied academic needs and suggesting appropriate measures, for slow and fast learners, which normally include the following: Slow Learners : • Remedial classes after regular class hours are conducted in core courses based on the performance of the students in their first continuous internal assessment and/or mid-semester test. • Tutoring system enables the departments identify and provide individualized care to the slow learners mid-way through the course. Fast Learners: • Career guidance cum coaching for NET/SET preparation and other competitive examinations. • Students can enrol for coaching in JAM and other All India Competitive exam • The college arranges the short term internship for the students in reputed institution in India. • Massive Open Online Courses offered by SWAYAM, NPTEL, Spoken tutorial IIT Bombay etc. are also recognised as different credit courses. • Department of Botany offers a concurrent diploma programme, PGD in agricultural Biotechnology sponsored by DBT, Govt. Of India to graduates and postgraduate students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
623	41	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
43	41	2	1	37

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Biswajit Ghosh	Associate Professor	Best Teacher Award IN Interational Seminar organised by ISISAR, WCPA, IPPNO, USA(29th December, 2019)
2019	Dr. S. Banerjee	Associate Professor	Best Teacher Award IN Interational Seminar organised by ISISAR, WCPA, IPPNO, USA(29th December, 2019)
2020	Dr.Swapan Kr Ghosh	Associate Professor	Best Senior Scientist Award 2020, by Agro Environmental Development Society, Rampur, UP., Baba sahib Bhimrao Ambedkar Univ(Central

				Univ,), Lucknow, Plant pathology Research Institute, Cairo University, Egypt., Unv. National Auto.de, Maxico

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	PG-BOT	I-III	24/12/2019	22/01/2020
MSc	PG-CEM	I-III	24/12/2019	22/01/2020
MSc	PG-MTM	I-III	24/12/2019	22/01/2020
BSc	CMSA	I-III	24/12/2019	22/01/2020
BSc	MCBA	I-III	24/12/2019	22/01/2020
BSc	BOTA	I-III-V	24/12/2019	22/01/2020
BSc	ZOOA	I-III-V	24/12/2019	22/01/2020
BSc	MTMA	I-III-V	24/12/2019	22/01/2020
BSc	CEMA	I-III-V	24/12/2019	22/01/2020
BSc	PHSA	I-III-V	24/12/2019	22/01/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	623	0

2.6 – Student Performance and Learning Outcomes

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

https://rkmvccrahara.org/viewalllist.aspx?id=2

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MTM	MSc	Mathematics	21	21	100
BOT	MSc	Botany	25	25	100
CEM	MSc	Chemistry	34	34	100

ZOOA	BSc	Zoology	39	39	100
BOTA	BSc	Botany	8	8	100
MTMA	BSc	Mathematics	47	47	100
CEMA	BSc	Chemistry	59	59	100
PHSA	BSc	Physics	55	55	100
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2.7 – Student Satisfaction Survey

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

https://rkmvccrahara.org/upload/Category_4_201224190117535.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Yes
Name of the teacher getting seed money
Dr. B.Ghosh, Dr. S. Ghosh, Dr. H. Dey, Dr. B. Mondal, Dr. K. Mondal, Dr. S. Sarkar, Dr. A. Mukherjee, Sri S. Sardar, Dr. K. Bhattacharya, Dr. P.K. Rana, Dr. B. Chakraborty
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Kaustab Mandal	SERB project-EMEQ	04/12/2019	SERB
National	Dr. BipulMondal	SERB project-EMEQ	20/11/2019	SERB
National	Dr. Sougata Sarkar	SERB project-TARE	28/02/2019	SERB
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	WB DST	8.55	2.76
Major Projects	1095	WB DST	7.6	2.44
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

14

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Me or Not Me: Evolving thoughts on the Immune Algorithm	Zoology	10/08/2019
National Workshop cum Training on Natural Medicine and its scope in Biomedical Sector	Chemistry	30/09/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
International Youth Mathe Challenge	Debanjit Mondal	International Youth Math Challenge	19/07/2019	International Youth Mathe Challenge
The Community Tracing Collaboration: Working Toward Conid-19 control in Massachusetts Through a Test-Trace- Isolate- Support Approach	college	Harvard Medical School	19/07/2020	The Community Tracing Collaboration: Working Toward Conid-19 control in Massachusetts Through a Test-Trace- Isolate- Support Approach
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Plant Tissue Culture	own	Ex-Plant Biotech	Plant Tissue Culture	15/07/2020
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Botany	4

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

Type	Department	Number of Publication	Average Impact Factor (if any)

National	Computer Science	2	1.7
International	Chemistry	4	3.2
International	Mathematics	3	.6
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
College	2
Botany	8
Chemistry	2
Computer Science	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Dr.Swapan Kumar Ghosh, Associate prof., Dept of Botany, System and method for microbial inactivation Chamber	Filed	202031042481	03/09/2020
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
In target areas where human mosquito-borne diseases are diagnosed, the inclusion of thepre-adult mosquito aquatic niches parameters will improve the	Swapan K Ghosh, D. Podder, A. Panja, S. Mukherjee	Plos Neglected Tropical Disease	2020	121	RKMVC college	Nill

Title of the Paper	Name of Author	Title of journal	Year of publication			
integrated mosquito control program.						
And Apoptotic Effect Of Methanolic Extract Of Edible Mushroom Agaricus Bisporus Against Hela, Mcf-7 And Mda-Mb-231 Cell Lines Of Human Cancer And Chemoprofile By Gc-Ms	Swapan Kumar Ghosh, Tapojyoti Sanyal And Tanmay Bera	Plant Cell Biotechnology and Molecular Biology	2020	8	RKMVC college	Nill
Biological control (in vitro) of the pathogen causing leaf blight disease of mint (Mentha arvensis L.)	Ghatak S, Pollay S, Ghosh S, Chakrabarty N.	Plant cell biotechnology and molecular biology (in Press	2020	8	RKMVC college	Nill

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Biological control (in vitro) of the pathogen causing leaf blight disease of mint	Ghatak S, Pollay S, Ghosh S, Chakrabarty N.	Plant cell biotechnology and molecular biology in Press	2020	8	Nill	RKMVC College

(Mentha arvensis L.)						
In target areas where human mosquito-borne diseases are diagnosed, the inclusion of thepre-adult mosquito aquatic niches parameters will improve the integrated mosquito control program.	Swapan K Ghosh, D. Podder, A. Panja, S. Mukherjee	Plos Neglected Tropical Disease	2020	121	Nill	RKMVC College

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	32	3	2
Presented papers	4	11	1	1
Resource persons	2	8	1	2

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
College	NAAC Visit	NAAC	14200
College	Ordnance Factories Institute of Learning, Ichapur	OFB	3000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s)	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees

department				
Botany	Hans-on-training	Srirampur College	2000	20
Botany	Internship	Rkm Vidyamandira	8000	2
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Science Workshop	Mathabhanga Science Academy and RKM Saradapitha Belur Math	2	84
Free Eye Cataract Operation Camp	B.C. Memorial Eye Foundation, Disha Eye Hospital, Barrackpore	10	25
Blood Donation Camp	Voluntary Blood Donors Association , Kolkata and State Blood Transfusion Council, West Bengal	5	155
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Nishikanta Roy Memorial Seva Trust Award	Association of Voluntary Blood Donors, West Bengal	134
Early Childhood Programming in the field	Certificate	UNICEF	30
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Compulsory Service Projects for students	Value education Dept., RKMVCC	Helth, Education, Swachh Bharat	3	354
Free Eye Cataract	NSS Cell, RKMVCC	Eye Operation	20	45

Operation				
Special NSS Camp for Rural Development of a nearby Village	NSS Cell, RKMVCC	Rural Development	3	43

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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Joint Research Activity	Biotechnology Centre, SOA University, Bhubaneswar	DBT, Govt. of India	1095
Joint Research Activity	Serampore College, Hooghly, Dept. of Botany	WB DST, Govt of WB	1095

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	X-ray crystallography Internship of IICB, Kolkata	16/01/2020	29/01/2020	1
Summer Project	Summer Project	IISER Kolkata Summer Project	08/06/2020	30/07/2020	1
Internship	Internship	Young Academy of Sciences Virtual Internship with Science Leader	01/07/2020	30/09/2020	2

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
INTERNATIONAL	26/12/2019	Education	150

| PHILOSOPHERS FOR PEACE (IPPNO), USA | | Research, Culture, Peace and values | |
| INTERNATIONAL SOCIETY FOR INTERCULTURAL STUDIES AND RESEARCH (ISISAR), INDIA | 26/12/2019 | Education Research, Culture, Peace and values | 321 |

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
180.8	206.04

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	latest	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33938	7384568	722	346923	34660	7731491

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Chandrakanta Bandyopadhyay	**Organic Chemistry-CC-1**	**PPT Google meet**	**01/10/2020**
Dr. Ranjan Patra	**Organic Chemistry CC-IV**	**PDF TCS iON**	**16/04/2020**
[View File](#)			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	**194**	**4**	**73**	**3**	**2**	**18**	**66**	**86**	**0**
Added	**40**	**1**	**40**	**0**	**0**	**2**	**40**	**14**	**0**
Total	**234**	**5**	**113**	**3**	**2**	**20**	**106**	**100**	**0**

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

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Language Media room facility	https://www.youtube.com/watch?v=WhW-tUjkjcU&t=232s

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
31.04	**31.04**	**33.98**	**33.98**

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

• A Central Maintenance Unit supervises the maintenance and renovation of buildings, furniture and other aspects of college infrastructure. • A monastic member is in charge of the Central Maintenance Unit. • One civil engineer and contractors are employed under the jurisdiction of the Central Maintenance Unit for construction work. • One monastic member of the college is also coordinate the whole affairs. • In each department Departmental head is coordinating the maintenance work of the major equipments of the laboratory. • Some of the staff members are given the responsibility for supervision of maintenance works. • There is a central Carpentry section for making and repairing furniture. • The college has one permanent staff member for general electrical maintenance and maintenance of the generator on a regular basis. • There are sweepers for cleaning the college premises. • One gardener is employed for the upkeep of the

garden around the college building. • One monastic civil engineer from Belur Math, the Head quarters of the Ramakrishna Mission is invited to supervise and suggest on new construction works. • All the computers, printers, scanners, projectors, Air-condition systems and networking facilities are under AMC with different agencies. • All sophisticated instruments are also under AMC. • Other laboratory instruments are serviced on a regular basis. When need arises qualified personnel are called for servicing.

https://rkmvccrahara.org/upload/Category_4_201223190542166.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Swami Adi Scholarship Belur Math and other	47	404400
Financial Support from Other Sources			
a) National	Merit-cum-Means and other	156	3853500
b)International	NA	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Certificate Course on Floriculture and Landscaping	01/07/2019	30	Bidhan Chandra Krishi Viswavidyalaya ,
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Special Classes and Test Series for PG entrance tests	15	20	15	15
2019	Personal Career Canselling	10	65	10	10
View File					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
NIL	Nill	Nill	IBM India Pvt. Ltd., others	17	6
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.Sc.	Chemistry	IISc , Bangalore	Integrated Ph.D.
2020	2	B.Sc.	Chemistry	IIT Kharagpur	M.Sc.
View File					

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

Items	Number of students selected/ qualifying
NET	5
SET	2
View File	

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

Activity	Level	Number of Participants
Fresh Quest Quiz Contest in Zoology	UG	49
National Science Day Jijnasa Quiz Contest	UG	86
Annual Sports Meet	UG-PG	152
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for	Number of awards for	Student ID number	Name of the student

			Sports	Cultural		
2019	GENETIQUIZ	National	Nill	1	508	Padmanava Dasgupta
2019	GENETIQUIZ	National	Nill	1	524	Soham Basu

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

i. The college has a Vivekananda Shiksharthi Samiti, a body comprising of students for contemplating on the Man-Making Character building ideas of Swami Vivekananda and their relevance in the education system. The Council has Secretary and Joint Secretary from the students who monitor the regular activities of the body. The student members meet every week to decide over relevant issues and their solutions pertaining to personality development, education, research and national progress in the lines of the universal teachings of Swami Vivekananda. In session 2019-2020 they meet every month to discuss relevant issues and their solutions pertaining to personality development. Even in the pandemic period they meet regularly through online platform. ii. Student feedback is one of the major thrust areas of the institution. Teaching-Learning, Library use and purchase of books, journals and equipment based on student demand and feedback is a fundamental feature of the college. iii. Occasional meetings with the students are held with the College authorities and teachers to assess their grievances or difficulties. Accordingly steps are taken. iv. Online feedback system is also available for the students to communicate their feelings and requirements. v. Student representative from different departments are also allowed to have exclusive interactions with eminent scientists and academicians for enrichment and inspirations. vi. The Student volunteers play an important role in every cultural and academic events without which the smooth running of numerous events of the college would have been very difficult. vii. Service to the needy is a prime feature of the College. The various service activities of the College like Blood Donation camp, Free Eye Operation Camp, Rural Development camps in the villages are all carried out by the able committees comprising of students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RKMVCC Alumni Association 1. NAME OF THE SOCIETY: The society shall be known as "Alumni Association, Ramakrishna Mission Vivekananda Centenary college, Rahara, hereafter referred to as the "Association". 2. REGISTERED OFFICE AND PLACE OF THE SOCIETY: The office of the society shall be situated at Alumni Room, Administrative Building, Ramakrishna Mission Vivekananda Centenary College, P.O: Rahara, P.S: Khardah, Kolkata-700118, Dist: 24 Pgs (N), West Bengal. 3. JURISDICTION : The jurisdiction of the Association shall be initially within the district of North 24 Paraganas. 4. AIMS AND OBJECTIVES: The aims and objectives of the society are: • To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards enhancement of the social utility of their Alma Mater. • To organize and establish scholarship funds to help the needy and deserving students. • To Institute prizes and awards for outstanding project work, research papers or other professional activity by the students of the Institute also to suitably recognize outstanding social and community service by the Alumni and the

students. • To undertake to organise activities of a civic or charitable nature as also to increase public awareness of the role of technology in value addition in the economic and social development of the nation. • To acquire, purchase or otherwise own or taken on lease or hire in the Union Territory of Delhi or elsewhere in Indian temporarily or permanently any movable or immovable property necessary or convenient for the furtherance of the objects of the Association. • To invest and deal with the funds and moneys of the Association. • To do all such other lawful things as are conductive or incidental to the attainment of the above objectives and/or beneficial to the interests of the Institute and its Alumni. • To take advantage of developing technologies like the internet in achieving the aims and objects of the Association. OFFICE-BAERERS Besides Patrons the following Office-bearers shall be elected by the members of the Executive Committee at the first meeting of each term, to be convened by the Principal, Ramakrishna Mission Vivekananda Centenary College as one of the Patrons, within one month of the formation of the Committee :- President-1 Vice-President-4 Secretary-1 Treasurer-1 Accountant-1 If the Principal fails to convene such a meeting, the elected members can hold such a meeting, provided it is convened by more than 50 percent of the elected members.

5.4.2 – No. of registered Alumni:

640

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

400000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The college promotes a culture of decentralization and participative management. The levels of participative management are as follows: 1. At the Departmental Level: The Head of the Department takes into consideration suggestions forwarded by each faculty and formulates a line of action. This participative nature is evident in the smooth and successful execution of the Departmental Curriculum dissemination, Examinations ,Seminars, Workshops etc. 2. At the Inter-Departmental Level: There is ample scope for Inter-Departmental participations. Every student must pursue Generic Elective courses in subjects other than his main Core Honours subject. Hence, students from one department come to other departments and interact with faculty members of that department. Moreover, many faculty members are invited to take classes in their areas of expertise in other departments. This promotes a healthy exchange between the departments. 3. At the Institutional level: Different events call for participation of students and teachers at the collective Institutional level. It may be during Invigilation duties for University examinations in the College or Seminars, Cultural Programmes , Sports etc. where irrespective of one's individual Department he is involved actively at a general and collective level. The different Committees formed for coordinating various activities of the college include faculty and staff from different Departments.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	a) Due to high demand ratio students are admitted in the college through admission test. b) The Admission notice is being circulated to all possible media so that students can avail the opportunity of seating in admission test. c) The whole process is online. Filling up admission form to admission in the college is automated. d) Moreover the student can deposit their admission fees through online mode.
Industry Interaction / Collaboration	a) All the departments of the college are science stream. b) One member of all BOS of our college is a person directly related to industry c) Moreover the college has signed MOU with different industries required for the student' placement and industry visit for getting the first hand knowledge. d) 2 industries are directly related to the PG diploma in Agricultural Biotechnology. e) Industry is also related for scholarship given to the poor and meritorious students of the college. f) Many industries has given their CSR fund for enrichment of the infra-structure of the college, free tiffin scheme, concessional lunch scheme, etc.
Human Resource Management	a) Students are provided the tension free and serene ambience for their all-round development of head, heart and hand. b) Teachers and other staff-members are connected here through cordial bonding in a sense of family member. c) Parents are always welcome in the institution and they feel themselves comfortable in the institution d) ex-students are always consider this institution as their true home and always feel for th institution. e) The college is always boosted the teachers for their research and development and try to invigorate their inner teaching spirit and skill. f) Other staff members are trained with adequate skill in respect of the ICT, and operating skill of the equipments required for running the equipments in the laboratory. g) Seminar and followed by the interaction with eminent scientist and teachers with our faculty members help a lot for their Teaching-

	Learning process.
Library, ICT and Physical Infrastructure / Instrumentation	a) 1st floor of the new annexed building with about 7000 sq. Feet area is marked for library of the college. b) The library is fully automated and RFID enabled which monitor the students' attendance and issue-return of books and other related activities of the library. c) Students access the e-resource through the e-library facilities having 6 nodes available for browsing. d) Students directly access the book rack and choice their books for issue e) All students of seven departments can use the computer labs for online courses provided by NPTEL and Spoken Tutorial IIT Bombay. f) Computer Laboratories are used by the students of other departments in a sharing basis so that effective utilization of the ICT infra-structure can be possible. g) All major equipments are used to cater the need of inter-departmental and the needs of the outside institutes.
Research and Development	a) Research and Development is guided by the Swami Vivekananda Centre for multidisciplinary Research in Basic Sciences and social sciences which is duly recognised by the west Bengal State University. b) The teachers are encouraged to apply for different projects funded by State Government as well as Centre Government. c) The college always provide the basic infra structure for running different project funded by Government/ Public / Industry. d) The Research centre has registered 5 students for Ph.d. in 2017-2018 session and 10 students for 2018-2019 session. e) During the session 2018-2019 teachers have got more than 7 projects. f) Teachers have got incentive for attending international seminar in outside state. g) Teachers are also got incentive for running different research projects h) Teachers are also got financial help for membership in different professional bodies. i) The departments and individual teachers are always encouraged to engage in MoU with reputed intuition for research and development, internship and students-teacher exchange.
Examination and Evaluation	a) The evaluation and examination are done by the Controller of Examinations

	b) The evaluation is mainly based upon the internal assessment, attendance, Mid-semester examination and End Semester examination c) The question paper is framed by the external Moderator considering the questions framed by the internal and external teachers. d) The Answer scripts are tagged with security code so that it is completely unknown to any evaluators. e) The registration, tabulation of marks, results and mark-sheet are all online process. f) The unsatisfied students can avail the scope of re-evaluation and self-inspection of Answer Script.
Teaching and Learning	a) Emphasis on ICT based teaching b) Special coaching classes for competitive entrance examinations c) Introduction of Post-Graduate Diploma in Agricultural Biotechnology. d) Encouraging students to go for short-term project work in reputed Research Institutes e) Exposing students to various sophisticated instruments and their use f) Participation of the students in the NPTEL courses and secured the top 1 position g) The college has adopted the Skill development courses from the Spoken Tutorial IIT Bombay. IIT Bombay has recognised our college as Centre for Excellence in Online Learning. h) The college has introduced 9 certificate courses for the UG students as per the guideline of the UGC for skill based courses. i) Students participated in different poster competitions and model competition both inside and outside the college.
Curriculum Development	a) CBCS is adopted in the college from 2017 b) Board of studies of each department of the Autonomous college has thoroughly discussed the syllabus and pattern considering the UGC guidelines c) These syllabus are discussed in the Academic Council for proper implementation of the CBCS. d) Eminent persons of the different fields visited the college and interact with the faculty members and students. e) Last year more than 25 seminars and workshop were organised in the college.

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

E-governace area	Details

Planning and Development	a) The college office is fully equipped e-management of the fees receipt, teachers pay-packet, disbursement of salary and related matter. b) The college is negotiating the need of modern age and present status of the college c) Most of the teachers impart their teaching through ICT enabled classrooms and generates different e-modules for the students.
Administration	a) The students' fees are collected through online mode. b) The students registration to the final result are online mode. c) The students' feed back are collected and analysed through online mode. d) The teachers attendance is monitored through the Biometric system with latest facilities. e) Pay packet of salary and disbursement of salary of staff-member is through online platform provided by State Govt. f) PF, PTax and income tax are paid through online mode. g) Govt Grants are utilised through e-payment and PFMS mode.
Finance and Accounts	a) The students' fees are collected through online mode. b) Pay packet of salary and disbursement of salary of staff-member is through online platform provided by State Govt. c) PF, PTax and income tax are paid through online mode. d) Govt Grants are utilised through e-payment and PFMS mode. e) Scholarship of the students are operated through the different e-portal of both State and central Government. f) project fellowship is controlled through the different e-portal of UGC, DST and CSIR g) After audit and physical verification by the auditor the final balance esheet and income-expenditure is generated from the software.
Student Admission and Support	a) The students' fees are collected through online mode. b) The students registration to the final result are online mode. c) The students' feed back are collected and analysed through online mode d) The ex-students are registered themselves in Alumni site of the college website time to time.
Examination	a) The evaluation and examination are done by the Controller of Examinations b) The evaluation is mainly based upon the internal assessment, attendance, Mid-semester examination and End

Semester examination c) The question paper is framed by the external Moderator considering the questions framed by the internal and external teachers. d) The Answer scripts are tagged with security code so that it is completely unknown to any evaluators. e) The registration, tabulation of marks, results and mark-sheet are all online process. f) The unsatisfied students can avail the scope of re-evaluation and self-inspection of Answer Script.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Swapan Ghosh	The International workshop in BHU, Varanasi.	Nill	17915
2020	Dr. Swapan Ghosh	The international workshop in St. xeviers college, Tamil Nadu	Nill	34835
[View File](#)				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Safety Drive in journey and Save Life	Safety Drive in journey and Save Life	21/08/2019	21/08/2019	40	20
2019	Higher Education Taekwondo	Higher Education Taekwondo	07/09/2019	07/09/2019	40	18
2020	TCSion platform for online LMS and its	Nill	10/06/2020	10/06/2020	30	Nill

| 2020 | Webex Meeting Training platform and its operation | Nill | 30/06/2020 | 30/06/2020 | 32 | Nill |

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	1	18/11/2019	30/11/2019	14
Orientation Programme	1	28/08/2019	16/09/2019	30

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
2	2	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Co-operative Society, Annual Health Check-up Camp, Group Insurance Scheme, GPF loan both refundable and non-refundable	Co-operative Society, Annual Health Check-up Camp, Group Insurance Scheme, GPF loan both refundable and non-refundable	Annual Eye check-up, Free Tiffin Scheme, Concessional lunch Scheme, Financial Aids to need students, Financial aids to puchase of book for the needy students

6.4 – Financial Management and Resource Mobilization

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

As this college is run and administered by Ramakrishna Mission, the college has to face rigorously three sets of auditors. a) Internal Auditors: Internal auditors audit the accounts, receipt-payments, cash book, ledger, vouchers, receipts, and related items after every three months. This internal audit is thoroughly scrutinized by our central office accounts section. b) Statutory Auditors: The Statutory Auditors are appointed by the Belur Math Headquarter for advising and assessing the Branch Centers. They always monitor the accounts so that all branch centers can follow the unique accounting procedure and formalities time to time adopted by the Headquarter. c) Government Auditors: Every year the Department of Higher Education appointed an auditor for auditing the yearly accounts of the college. We audit the accounts by three sets of auditors every year. There is no delay or no objection regarding the auditing point of view found in the college since from the inception of the college.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Sri Tufan Ghosh and others	547604	Free Tiffin Scheme, Consessional Lunch scheme and certificate course

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6.4.3 – Total corpus fund generated

5604971

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Set by Governing Body	Yes	Internal Auditor
Administrative	Yes	Set by Governing Body	Yes	Internal Auditor

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

a) Regular attendance increases b) Students got more marks in next semester c) Students develops good moral qualities

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

Co-operative Society, Annual Health Check-up Camp and Blood donation for the staff-member/ family member

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

a) Autonomous Status b) College with potential with Excellence c) Participation of NIRF ranking

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	World Philosophy Day Seminar: On Swami Vivekananda's philosophical ideas	21/11/2019	21/11/2019	21/11/2019	256
2020	Celebration of International Yoga	22/06/2020	22/06/2020	23/06/2020	1267

	Day 2020 : Online Webinar				
2020	International webinar On Capacity Building Career Guidance	23/07/2020	23/07/2020	23/07/2020	456

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Celebration of National Mathematics Day	22/12/2019	22/12/2019	251	244
International Seminar: Planetary Crisis and Human Liberation	29/12/2019	29/12/2019	55	71
Special NSS Camp for Rural Development with special skill enhancement for village women	25/12/2019	31/12/2019	61	48

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

Percentage of power requirement of the University met by the renewable energy sources
96 Kw on-grid solar power station is working. At present 65 percent power demand is met from the Solar.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students

	locational advantages and disadvantages	engage with and contribute to local community					and staff
2019	5	5	25/12/2019	7	Special NSS Camp for Rural Development of a nearby Village	Rural development, health, hygiene, creative arts, skill development for village women	49
2019	2	2	15/12/2019	3	Free Eye Cataract Operation	Eye Operation for the needy 41 patients (16 Male patients 25 Female patients) IOL operation with spetacles	55
2019	2	2	27/09/2019	1	Blood Donation Camp	Provide blood to the the blood bank and fulfill the demand of the immediate blood for the students and staff-members in case of imergency.	170
2019	3	3	04/10/2019	25	Compulsory Service Projects for students	Teaching, Cleaning and service to poor with food and other livelihoo	330

| 2020 | 3 | 3 | 24/03/2020 | 15 | Covid-19 initial relief | Preparation distribution of the HAND SANITIZER, Distribution of musk to the local police personals, Distribution of food packet to the poor | 25 |

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Swami Vivekananda, Indian Society and nationalism	19/02/2020	It is given to all staff-members. some students got the book in the prize distribution ceremony of the college. It has a great impact in the students as well as the staff-members due to the good articles present in the book which are more relevant to the present day situation of India.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Skill Enhancement course on Value Education and Indian Culture	04/10/2019	28/10/2019	330
Service Projects for students where students serve people irrespective of any distinctions of caste, creed or religion.	27/09/2019	31/12/2019	274
Art Competition of Swami Vivekananda's Universal Ideas and Inspirations	11/01/2020	11/01/2020	25

Seminars and workshops on Universal Values and Ethics	21/11/2019	23/06/2020	1753

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

1. Medicinal plantations are being grown in the campus 2. Study of butterfly diversity within the College campus 3. Studies on local birds 4. Studies on local lizards. 5. The average Window-Wall ratio on southern façade of the building is 50:50. So daytime we use mostly day light for all works of the institute. 6. Vermi composting" 7.Solid Waste management, 8. Rain water harvesting

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: 'Character-building Education' 2. Goal Being a part of the Ramakrishna Mission, the Institution is instrumental in giving shape to Swami Vivekananda's ideas regarding education. Swami Vivekananda says 'What is education? Is it book-learning? No. Is it diverse knowledge? Not even that. The training by which the current and expression of will are brought under control and become fruitful is called education.' So according to Vivekananda, a man whose will does not drag him hither and tither but rather he himself possessing full control over his will employs it along positive and beneficial channels is a truly educated man. Such an education which rests on self-control and correct self-exertion is what Vivekananda called 'Man-making, Character-building Education'. Inspired by such a lofty ideal of education the Institution attempts to inculcate a combination of practical skills to fulfill the basic needs, moral values for a superior inter-personal relationship, spiritual wisdom for a fearless existence. 3. The Context After the Independence of India, a gradual decline in the moral integrity of the society as a whole, a slow poisoning of the youth psyche by the glitter egocentric pleasures, a clouded wisdom of the elders unable to show the path of strength and peace is undoubtedly evident to any careful observer. Time is ripe enough to save the youth, the future citizens from a disastrous tragedy. So the Institution along with its leader, Swami Vivekananda, possesses genuine feeling for the youth and wants to empower them with a strength that is imperishable, with a hope that is unfailing and with a freedom that is unselfish. Swami Vivekananda says, 'money does not pay, nor name fame does not pay, nor learning. It is love that pays it is character that cleaves its way through adamantine walls of difficulties.' Hence, the Institution is trying to guide the youth along the lines of character- building so that tomorrow's sunrise becomes more golden. 4. The Practice Practices: • First of all the very ambience of the Institution instills orderliness and calmness in one and all. As one enters the college the gigantic portraits of Swami Vivekananda as if calls upon the 'sleeping soul' towards a glorious way of life based on self-confidence and self-sacrifice. The main campus welcomes the visitors into the holy precincts of a Universal Temple dedicated to Shri Ramakrishna, the Prophet of Religious harmony. Thus just an unplanned entry into the campus is gifted with an elevating experience. The students having got an opportunity to study in such an environment imbibes the spirit of holiness and serenity within them. • A number of programmes are arranged to expose the students to the ideals of Indian Culture and Spirituality with a background of Universalism as propounded by the great lives and teachings of Shri Ramakrishna, Holy Mother Shri Sarada Devi and Swami Vivekananda. Some of the important measures taken in this direction to fortify the character of the youth are given below: a) Seminars on Swami Vivekananda's

ideas are arranged in the college. Eminent speakers from all walks of life starting from Professors coming from Science, Arts and Engineering fields, Vice-Chancellors, Monks of the Ramakrishna Mission and many other dignitaries enlighten the students towards right understanding and implementation of Swamiji's bold and strong ideas. They shed light on different aspects of the great one's life and message like Vivekananda's concepts on Education, Science and Technology, Service, Nation-building, Youth, Human Development and so on. Thus, inspirations run along varying channels and mould the student community according to one's unique tendencies but always in a positive direction. b) Books on value education and personality development are often distributed among the students free of cost. c) Swami Vivekananda has emphasized on service to country men as the chief means for character building. The Ramakrishna-Vivekananda Ideal of Service is Service to man as service to God. Swami Vivekananda calls upon the youth 'What is life but growth, i.e. expansion, i.e. love? Therefore all love is life, it is the only law of life all selfishness is death, and this is true here or hereafter. It is life to do good, it is death not to do good to others. Ninety per cent of human brutes you see are dead, are ghosts — for none lives, my boys, but he who loves. Feel, my children, feel feel for the poor, the ignorant, the downtrodden..'.The young students are given a taste of the bliss involved in selfless service and its efficacy in elevating oneself. During the Annual Voluntary Blood Donation Camp, the Annual Eye Operation Camp etc. the students are given a chance to serve the 'Living-God' as manifested in the form of the suffering patient hailing from dire circumstances. d) The students are often assigned responsibilities for conducting different cultural programmes, preparing wall magazines or poster presentations or exhibitions etc. This arouses the self-confidence of the students and moulds them as leaders for future. e) Discourses on various spiritual topics are arranged in the Universal Temple of the main campus. The birthdays of luminaries of different religions are celebrated with equal sanctity and devotion. These include the birthday celebrations of Lord Buddha, Jesus Christ, Shri Krishna, Adi Shankaracharya, Shri Ramakrishna, Shri Sarada Devi, Swami Vivekananda and many others. The students have full access to these discussions and to learn about the ennobling features in the lives and teaching of these great ones. On the other side since the Organisation emphasizes the harmony of all religions, Universal brotherhood and reverence towards Teachers of every Religion, hence the spirit of a spiritual Oneness amidst diverse courses of each religion is inculcated among the youth for a much more all-inclusive feeling to develop. This feature is very much pertinent when separatist ideas still create strife among men. f) Every evening there is congregational prayer and vesper service in the Temple. Interested students participate in it. g) One of the rare opportunities which the students enjoy is the close contact with the monastic members who try to help them build a strong foundation for their character-building. Often the students come up with several psycho-social complications and seek solutions from the monastic members of the College. The monks too keep a caring vigilance over the students and guide them in path of righteousness. Some of the students have received spiritual instructions from the President or Vice-Presidents of the Ramakrishna Mission and engage themselves in regular meditation. h) The college library has books on Value Education, Personality Development and Swami Vivekananda monthly journals on spiritual culture brought out by the Ramakrishna Mission like Prabuddha Bharata, Vedanta-Kesari etc. e-books, CDs and DVDs on Personality Development, Education, Spiritual development etc. for giving the students easy access to the rich heritage and the legacy which they bear. i) All the cultural programmes held in the college have a goal to invigorate the urge for becoming better, enlightened human beings. j) Festivals like Saraswati Puja, Durga Puja, etc. held in the college and the main campus introduce the students to the rich and deep spiritual heritage of India. The students participate in a colourful procession organized to commemorate the Birth Anniversary of Shri Ramakrishna

in which folk artists of rural Bengal take part. This is a novel experience to know the legacy which we bear. Challenges before us • Huge pressure of the syllabus of the Core course and the tremendous competition to get admitted in reputed institutions like IITs., IISERs and other central institutes for higher studies, students get little opportunity to inculcate the value base education and practice. • In a fast moving age when most of the people are running to grab an opportunity for self-centred pleasure, the issue of character-building and value education seems to be out of context. Keeping apart some exceptions, most of the people abhor ideas like 'spiritual growth', 'character-building', 'selfless service', 'self-control' and the like. So many students coming from such a society fail to realize the urgent need to have a strong footing in this arena. As a result only the students who have a genuine thirst for a higher way of life, for a more meaningful path for satisfaction are more benefitted by the arrangements put forth by the college. Rest are either slow learners or remain bound by stagnation with regard to the complete manifestation of the inner wisdom.

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

https://rkmvccrahara.org/upload/Category_4_201227012920368.pdf

7.3 – Institutional Distinctiveness

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

'Character-building Education' The following are the activities were being conducted last one year (2019-20): Activity Duration : Skill Enhancement course on Value Education and Indian Culture: July-December 2019 Service Projects for students where students serve people irrespective of any distinctions of caste, creed or religion.: i) Blood Donation Camp: 27th September, 2019 ii) Free Eye Operation Camp: 15-17 December, 2019 iii) NSS camp for Rural Development: 25-31 December, 2019 iv) Service Project on teaching, cleaning and helping the needy: 4th October,2019 to 29th October, 2019 Art Competition of Swami Vivekananda's Universal Ideas and Inspirations: 11 January, 2020 Essay writing competition on Swami Vivekananda's Universal Ideas and Inspirations: 11 January, 2020 Quiz competition on Swami Vivekananda's Universal Ideas and Inspirations : 11 January, 2020 Seminars and workshops on Universal Values and Ethics A National Seminar On World Philosophy Day Seminar: On Swami Vivekananda's philosophical ideas on 12-13 January, 2019 International Seminar: Planetary Crisis and Human Liberation on 29.12.2019 where more than 50 participants from several countries outside India came. Celebration of International Yoga Day 2020: Online Webinar on 22.06.2020 and 23.06.2020 where more than 1200 participants all over India participated in online platform. Publication of books with ISBN to promote Universal Values and Ethics Jivan Sopan First Published: 2014 Revised Edition: 2018-19 This is a textbook for Value Education and Indian Culture published by the College which provides a detailed guideline on ethics, personality development and holistic growth. This is prescribed for the students for their Skill Enhancement Course. This book was distributed more than 300 copies to students and persons of all profession during 2019-2020 Swami Vivekananda and Youth Published in : 2015 Book for man-making and character-building ideas of Swami Vivekananda for the youth. This book was distributed more than 250 copies to students and persons of all profession during 2019-2020 Swami Vivekananda and his Universal Ideas Published in 2016 This book has dealt with this issue of universality as envisioned by Swami Vivekananda looked from different corners, be it in harmonizing work and worship, be it in inter-religious exchange and admiration, be it in striking a balance amidst the opposing features of the human personality, or be it in ecological balance. This book was distributed more than 330 copies to students and persons of all profession

during 2019-2020 Sister Nivedita and her Contributions to India First Published in 2018 Eminent statesmen, poets, artists, scientists, historians and journalists and who came close to Sister Nivedita were inspired and influenced by her. The book attempts to promote, analyse and understand her contribution to India in different domains. This book was distributed more than 250 copies to students and persons of all profession during 2019-2020 Swami Vivekananda, Indian Society and Nationalism First Published in 2020 The book highlights the different aspects of the thought regarding the Indian society and upliftment of the masses and love for the country. This book was distributed more than 150 copies to students and persons of all profession during 2019-2020.

Provide the weblink of the institution
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8.Future Plans of Actions for Next Academic Year

 1) Construction of the classrooms for Zoology PG students, 2) Construction of the 2 Zoology laboratories for the PG students, 3) Increasing involvement in Summer internships, 4) Installation of interactive panel for teaching-learning, 5) Construction of new Canteen unit, 7) Construction of the new main entrance of the college with the guards room. 8) Installation of Digital Ground Water Level Recorder in the college for monitoring the water level.