



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE
Name of the head of the Institution	RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03325682049
Mobile no.	9432516982
Registered Email	rkmvccollege@rkmvccrahabara.org
Alternate Email	rkmvcc.1963@gmail.com
Address	RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE RAHARA, KOLKATA
City/Town	KOLKATA
State/UT	West Bengal

Pincode	700118																		
2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	02-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)	http://rkmvccrahara.org/uploaded_file/191016152117794.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://rkmvccrahara.org/uploaded_file/200129124433553.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.14</td> <td>2014</td> <td>10-Dec-2014</td> <td>31-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.14	2014	10-Dec-2014	31-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.14	2014	10-Dec-2014	31-Dec-2021														
6. Date of Establishment of IQAC	30-May-2014																		
7. Internal Quality Assurance System																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																	
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 (First)	15-Jun-2018 1	11
IQAC meeting (Third)	17-May-2019 1	18
AQAR (2017-2018) submission	30-Oct-2018 1	11
Feedback & Implementation Students Feedback	20-May-2019 15	471
Guardian-Teachers	06-Sep-2018 30	353
Academic Administrative Audit in the next session (2018-2019)	12-Nov-2018 1	65
Participation in NIRF ranking	06-Dec-2018 90	15
SIRO Recognition	21-Jun-2019 1	3
IQAC meeting (Second)	12-Dec-2018 1	11
View File		

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
View File				

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 8 at the level of College Category. 2. Organization of Seminars and Workshops related Quality like National Level Seminar on "New methodology of NAAC assessment for quality enhancement in higher education institutes" sponsored by NAAC, Bangalore etc. and Orientation of other Colleges for NIRF in various workshops 3. Promoting participation of students in various skilled oriented 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. Following application from the College and proper scrutiny, the College has been accepted as Institutional member of Asia Pacific Quality Network (APQN) and the College has been recognised as a Scientific and Industrial Research Organisation (SIRO) by the Department of Scientific and Industrial Research under the Scheme on Recognition of scientific and Industrial Research organisations (SIROs).

[View File](#)

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	Achievements/Outcomes
Application for NIRF Ranking	The college secured 8th rank in college level.
Organization of seminars and workshops	26 seminars : International Seminar 1 (two days' duration) , National Seminar 2 (each two days' duration) and Institutional Seminar 23, and 8 workshops : 7 Institutional workshop and 1 national workshop were organized in one year .
Participation of students in academic and cocurricular activities	Debanjit Mondal secured the 4th position in International Youth Math Challenge.
Participation of students in academic and cocurricular activi	Ananda Mukherjee, Ist Year Mathematics Hons. Student qualified for the prestigious JBNSTS scholarship.
Participation of students in academic and cocurricular activities	Debapratim Pattanayak, Tapodhir Chakraborty of Dept of Botany won the third prize in Debate Competition organised in Indian Maritime Univ. on the topic 'India is ready for Cashless

	Economy'
Participation of students in academic and cocurricular activities	NPTEL Results 2018: Among 35 students who appeared for the NPTEL (National Programme for Technology Enhanced Learning) Online courses: 1 student, Snehashish Ghosh, Dept. of Zoology student got Elite+Gold certificate status in a course on Wildlife Conservation 17 students got Elite certificate status 17 students got Successfully completed certificate status
Participation of students in academic and cocurricular activities	Zoo Festival Awards 2018: Our students from the Dept. of Zoology participated in various events organized by the Zoological Gardens as a part of Zoo Festival and won the following Prizes: i) Akash Chettri received the First Prize in Extempore Competition. ii) Padmanava Dasgupta received the Third Prize in Extempore Competition. iii) Supriyo Chakrabarty, Tanmoy Datta and Shrayan Bhattacharya received the Second Prize in Quiz Competition.
Participation of students in academic and cocurricular activities	Poster Presentation Award 2018: Three students from the Dept. of Zoology, Prachyapracheta Sarkar, Amartya Bagchi and Dipak Shil received the Third Prize in Poster Presentation in a Conference 'Frontiers in Biotechnology' organized by St. Xavier's College, Kolkata for their poster entitled 'Influence of parasitic regulators on age-specific Natural Life table of Graphium agamemnon having specific host plant Polyalthia longifoliai - a case study from RKMVCC College Campus, Rahara, North 24 Parganas.
Participation of students in academic and cocurricular activities	The Students of our College Prachyapracheta Sarkar, Amartya Bagchi And Dipak Shil (4th Semester e Zoology Honours) got the First Prize in Poster Presentation Session of 6th India Biodiversity Meet 2019 (International Conference) organised by Indian Statistical Institute (ISI), Kolkata
Participation of students in academic and cocurricular activities	BIOSCOPE-2019 Awards: a) Anubhav Das, Kaushik Pal, Pritam Sasmal, Kaushik Nayak, Sutanu Acharya Chaudhuri of (2nd Semester Undergraduate Microbiology Honours) secured Second Position in Innovative Model Competition of BIOSCOPE 2019, organised by The Zoological Society of Kolkata In Collaboration with Department Of Zoology, University Of Calcutta for

their model entitled "Green Problem! Green Solution!" b) Debanik Chakraborty, Soham Chattopadhyay, Kaustav Adhikary, Arnab Tanti, Sanket Banerjee, Sayan Ghosh And Anurup Nayek (2nd Semester Undergraduate Zoology Honours) secured Third Position in Innovative Model Competition of BIOSCOPE 2019, organised by The Zoological Society of Kolkata in Collaboration with Department Of Zoology, University of Calcutta for their model entitled " Bat for Echolocation"

[View File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	27-Nov-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

22-Jan-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

15-Dec-2018

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description 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 Module 7: Internal
 Complaints Committee Module 8:
 Placement Career Counselling Cell
 Module 9: Equal Opportunity Cell Module
 10: Vivekananda Shiksharathi 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.)	01/07/2018
BSc	Core Course-IV	B.Sc. Zoology (Hons.)	01/01/2019
MSc	All papers	M.Sc. Chemistry	01/07/2018
MSc	All papers	M.Sc. Botany	01/07/2018

[View File](#)

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 on "Quality Assurance Testing of Tissue Culture Rais	01/03/2019	Agricultural Biotechnology on "Quality Assurance Testing of Tissue Culture Raised Plants" funded by DBT Govt. of India	01/03/2019

[View File](#)

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	B.Sc. Microbiology	01/07/2018
BSc	B.Sc. Computer Sciences	01/07/2018

MSc	M.Sc. Mathematics	01/07/2018
View File		

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. Microbiology(Hons.)	01/07/2018
BSc	B.Sc. Computer Science (Hons.)	01/07/2018
MSc	M,Sc. Mathematics	01/07/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Value Education and Indian Culture Course as a Skill Enhancement Course	01/07/2018	249
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	Biotic: An Interdisciplinary Internship on Tools And Techniques In Biology	31
BSc	Chemiiinformatics Internship of IIT Madras with Make-intern	45
BSc	Science Academies Summer Research Programme Fellowship Internship at Central Drug Research Institute(CDRI), Lucknow	1
BSc	IISER Kolkata Summer Internship	2
BSc	TIFR Visiting Students' Research Programme (VSRP)	1
BSc	Mathematics Training and Talent Search (MTTS) Programme of NBHM	4
BSc	Summer Internship at IIT Guwahati	1
BSc	Summer Internship at Banaras Hindu University (BHU), Varanasi	1
MSc	Summer Internship at	1

	NISER, Bhubaneswar	
BSc	Summer Internship at University of Calcutta	7
View File		

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
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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</p>

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	Physics (Hons.)	55	249	55
BSc	Chemistry (Hons.)	55	334	55
BSc	Mathematics (Hons.)	55	391	55
BSc	Botany (Hons.)	40	112	40
BSc	Zoology (Hons.)	55	298	55
BSc	Microbiology (Hons.)	25	84	25
BSc	Computer Science (Hons.)	25	83	25
MSc	Chemistry	35	112	35
MSc	Botany	30	85	30
MSc	Mathematics	30	94	30

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	608	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	Number of 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: 14. 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
608	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
2018	Dr. Bikash Chakraborty	Assistant Professor	Best Paper Award (Rank-2) IN National Seminar organised by Calcutta Mathematical Society (7th-8th December, 2018)
2018	Dr. Swapan Kumar Ghosh	Associate Professor	Selected by the Department of Science and Technology, Govt of West Bengal as member of the Project Committee
2018	Dr. Sujay Kr. Biswas	Assistant Professor	Selected as Reviewer in 2018
2018	Dr. Swapan Kr Ghosh	Associate Professor	The Scientist of the Year Award in the International Seminar on 23 24 December, 2018 jointly organized

			by Society for Science and Nature in collaboration with FDDI OURA PRAKASHAN.
2019	Dr.Swapan Kr Ghosh	Associate Professor	The Best Senior Scientist Award in International Conference on 06-08, March 2019 organised by BIOICON2019, AMITY UNIVERSITY, CHHATTISGARH.
2018	Swami Kamalasthananda	Principal	Sri Aurovindo Award-2018 in the International Seminar on Inclusive Education: Problems Practices on 03-12-2018
2019	Swami Kamalasthananda	Principal	Life Time Education Achievement Award by National and International Compendium, New Delhi on 08-03-2019
2018	Swami Kamalasthananda	Principal	"Chicago Address of Swami Vivekananda and its impact in Indian Society and Nationalism"- A National Seminar Project sanctioned by ICSSR vide Memo No. F.No. M3/23/NS/2018-19 dated 29-11-2018
View File			

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
BSc	PHSA	I-III-V	28/12/2018	28/01/2019
BSc	CEMA	I-III-V	28/12/2018	28/01/2019
BSc	MTMA	I-III-V	28/12/2018	28/01/2019

BSc	BOTA	I-III-V	28/12/2018	28/01/2019
BSc	ZOOA	I-III-V	28/12/2018	28/01/2019
BSc	MCBA	I	28/12/2018	28/01/2019
BSc	CMSA	I	28/12/2018	28/01/2019
MSc	PG-CEM	I-III	28/12/2018	28/01/2019
MSc	PG-BOT	I-III	28/12/2018	28/01/2019
MSc	PG-MTM	I	28/12/2018	28/01/2019

[View File](#)

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
0	608	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)

<http://rkmvccrahara.org/list.aspx?id=3&page=Students-Corner>

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
PHSA	BSc	Physics	36	36	100
CEMA	BSc	Chemistry	41	41	100
MTMA	BSc	Mathematics	42	42	100
BOTA	BSc	Botany	18	18	100
ZOOA	BSc	Zoology	33	33	100

[View File](#)

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)

http://rkmvccrahara.org/uploaded_file/200202162202101.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

3 Teachers

[View File](#)

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
International	Dr. Anirban Bhar	visiting scientist grant	01/08/2018	Natural Resources Institute Finland (Luke), Finland and University of Helsinki, Finland

[View File](#)

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 GST	855300	275900
Major Projects	1095	WB GST	759900	244100
Major Projects	1095	WB GST	1099800	502400
Major Projects	1095	WB DST	1153000	404600

[View File](#)

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
'Green Campus Inventory' Programme	Zoology	04/07/2018
Workshop on Mathematics	Mathematics	13/07/2018
Seminar on 'Recent Trends in Particle Physics'	Physics	13/07/2018
Seminar on 'Prokaryotes: the Origin of Life'	Microbiology	17/07/2018

Seminar on 'World Elephant Day'	Zoology	11/08/2018
Seminar on 'Diabetes'	Zoology	22/09/2018
View File		

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
Best paper	Student	Mathematical society	02/11/2018	State
Reviewer	Student	European Physical Journal	07/11/2018	International
Scientist of the Year	Teacher	Society for Science and Nature	14/11/2018	National
Best Senior Scientist Award	teacher	AMITY UNIVERSITY CHHATTISGARH.	06/12/2018	National
View File				

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	DBT	Plant Tissue Culture	State	24/12/2019
View File					

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	Mathematics	1	2
National	Zoology	3	1.8
International	Chemistry	4	2.6
International	Mathematics	10	1.6
International	Botany	19	2.8
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mathematics	1
Botany	6

Botany	6
Botany	2
Library	1
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Sri Satyakam Saha, Botany Honours, B.Sc. 3rd year has got Indian patent on FOOD PRESERVER.	Published	309871	25/03/2019
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	43	3	3
Presented papers	5	12	1	1
Resource persons	2	5	1	3
View File				

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)
Swami Kamalasthananda	NAAC Visit	NAAC	42600
Swami Kamalasthananda	Autonomous Visit	UGC	10000

[View File](#)

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Botany	Internship	Jagannath University	25000	1
Botany	Internship	RKM Vidyamandira	8000	2
Botany	Hands-on-training	Srirampur College	10000	25

[View File](#)

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 (as Resource Person)	Mathabhanga Science Academy and RKM Saradapitha Belur Math	2	80
Free Eye Cataract Operation Camp	Ramakrishna Mission Vivekananda Centenary College, Rahara in collaboration with B.C. Memorial Eye Foundation, Disha Eye Hospital, Barrackpore	10	25
Blood Donation Camp	Ramakrishna Mission Vivekananda Centenary College, Rahara in association with Voluntary Blood Donors Association, Kolkata and State Blood Transfusion Council, West Bengal	5	150
Cultivation of High Quality medicinal plants as an alternative income generation programme	Ramakrishna Mission Vivekananda Centenary College, Rahara in collaboration with Kataganj Spandan (Registration No. R-004FC) Spandan Trust (Regn. No. R-006 FC) Traders	1	72

and Nursery
Management
Organisation Avi's
Enterprise Company
Akhil Bharat Viv

[View File](#)

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	126

[View File](#)

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Special NSS Camp for Rural Development of a nearby Village	NSS Cell, RKMVCC	Rural Development	3	40
Free Eye Cataract Operation	NSS Cell, RKMVCC	Eye Operation	20	50
Blood Donation Camp	RKMVCC	Blood Donation Camp	15	135
Compulsory Service Projects for students	Value education Dept., RKMVCC	Health, Education, Swachh Bharat	3	330
Study matterial Distribution	NSS Cell, RKMVCC	Education	2	40

[View File](#)

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
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
Joint Research Activity	Sidho Kanho Birsha University,	WB DST, Govt of WB	1095

	Dept. Of Zoology)		
Joint Research Activity	NICED, ICMR Virus Unit)	WB DST, Govt of WB	1095
Joint Research Activity	Chittaranjan National Cancer Institute, Kolkata, Dept. of Physiology)	WB DST, Govt of WB	1095
Joint Research Activity	Contai P.K. College, Dept. of Chemistry	WB DST, Govt of WB	1095
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	Chemiinformatics Internship of IIT Madras with Make-intern	16/05/2019	30/06/2019	45
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
The mathematics Consortium	28/03/2019	Teaching Research	75
Atom Technology Ltd.	25/04/2019	Online payment Gateway	816
Excel Plant Link Pvt. Ltd	01/05/2019	Project Placement	25
Nepuchapur Tea Company Limited (NTCL)	10/01/2019	Scholarship for needy students	4
Maulana Abul Klam Azad Institute of Asian Studies (MAKAIAS)	31/12/2018	Seminar workshop	35
Life Science Sector Skill Development Council(LSSSDC)	02/11/2018	Skill Development course	25

Vedanta Foundation, Mumbai	30/04/2018	Certificate course	40
Director of the Save The Frogs, USA	04/03/2018	Ecology and environment protection	110
Assam University, Silchar	13/01/2018	Teaching Research	3
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
118.3	118.3

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
View File	

4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33314	6484130	624	900438	33938	7384568
View File						

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. Biswajit Ghosh	Module- Introduction to cell Biology	PPT	04/07/2018
Dr. Biswajit Ghosh	Module-Mendelian genetics and its	PPT	04/07/2018

extension

[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	154	2	33	2	2	18	26	80	0
Added	40	2	40	1	0	0	40	6	0
Total	194	4	73	3	2	18	66	86	0

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

6 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://youtu.be/WhW-tUjkjU

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
53.74	53.74	63.62	63.62

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.

http://rkmvccrahara.org/uploaded_file/200201183740164.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.	10	30000
Financial Support from Other Sources			
a) National	Merit-cum-Means	96	2064000
b) International	NIL	0	0
View File			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Certificate Course on Floriculture and Landscaping	01/07/2018	30	Bidhan Chandra Krishi Viswavidyalaya
Certificate Course on Sports Medicine and Talent Identification	01/07/2018	30	Jadavpur University
Certificate Course on Water Management	01/07/2018	30	State Water Resources Investigation and Development,
Certificate Course on Environmental Protection / Management	01/07/2018	30	University of Calcutta
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Special Classes and Test Series for PG entrance tests in Biological	10	12	10	10

Sciences

[View File](#)

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	3	B.Sc. Chemistry (Hons.)	Chemistry	IISc , Bangalore	Integrated Ph.D.
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	10
View File	

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

Activity	Level	Number of Participants
Annual Sports Meet	UG-PG	130
National Science Day Jijnasa Quiz Contest	UG	80
Fresh Quest Quiz Contest in Zoology	UG	45
Cyst Quiz Contest in Microbiology	UG	25
Wall Magazine Competition	UG	70
Freshers Welcome	UG-PG	362
View File		

5.3 – Student Participation and Activities

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

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

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

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. 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 India 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 conducive 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-BEARERS 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 of the elected members.

5.4.2 – No. of registered Alumni:

220

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

700000

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	<p>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.</p>
Curriculum Development	<p>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.</p>
Teaching and Learning	<p>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.</p>
Examination and Evaluation	<p>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</p>

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.

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.

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)

	<p>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</p>
Human Resource Management	<p>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.</p>
Industry Interaction / Collaboration	<p>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.</p>

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

E-governance area	Details
Planning and Development	<p>a) The college office is fully equipped e-management of the fees receipt, teachers pay-packet,</p>

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
2018	Dr. Swapan Ghosh	To attend the National workshop in Jaypur	NA	35687
2018	Dr. Swapan Ghosh	To attend the National workshop in Ranchi	NA	18027
2019	Dr. P.K. Rana	Membership in The Mathematics Consortium	NA	20000

[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	MOODLE Workshop	MOODLE Workshop,	20/05/2019	21/12/2019	40	15
2019	IPR Workshop	IPR Workshop	14/06/2019	14/06/2019	40	0

[View File](#)

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	11	09/07/2018	22/01/2019	21

Orientation Programme	2	04/09/2018	22/02/2019	28
AIS Homotopy Workshop Theory, ISI, Kolkata	1	13/05/2019	25/05/2019	13
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	1	13	13

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Co-operative Society, Annual Health Check-up Camp	Co-operative Society, Annual Health Check-up Camp	Annual Eye check-up, Free Tiffin Scheme, Concessional lunch Scheme

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 Subhashis Chakraborty others	5491942	Free tiffin Scheme for Students others
View File		

6.4.3 – Total corpus fund generated

5491942

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	Yes	Internal

		Governing Body		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 staf-membe/ 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	Skill Enhancement course on Value Education and Indian Culture	05/07/2018	05/07/2018	24/12/2019	228
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Sparsha 2019 – a workshop on Ethics Interdisciplinary Education towards Quality of Human Life	13/01/2019	13/01/2019	262	294
Special NSS Camp for Rural Development	22/12/2018	28/12/2018	63	49

with special skill enhancement for village women			
--	--	--	--

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
76 Kw on-grid solar power station is working and the installation of 20 KW on-grid solar power station is on the process. At present 65 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 locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	5	5	22/12/2018	7	Special NSS Camp for Rural Development of a nearby Village	Rural development, health, hygiene, creative arts, skill development for village women	38
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Jivan Sopan	12/01/2019	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.

Swami Vivekananda and Youth	12/01/2018	Book for man-making and character-building ideas of Swami Vivekananda for the youth.
Swami Vivekananda and his Universal Ideas	14/06/2018	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.
Sister Nivedita and her Contributions to India	12/12/2018	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.

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	02/07/2018	31/12/2018	228
Service Projects for students where students serve people irrespective of any distinctions of caste, creed or religion.	29/09/2018	28/12/2018	540
Art Competition of Swami Vivekananda's Universal Ideas and Inspirations	12/01/2019	12/01/2019	25
Seminars and workshops on Universal Values and Ethics	12/01/2019	13/01/2019	260

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" Solid Waste management

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.' 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. 4. The Practice Practices: • First of all the very ambience of the Institution instills orderliness and calmness in one and all • 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 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 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. 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. 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. 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. 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. 1. Title of the Practice 'A parallel Research wing along with curricular academics' 2. Goal The institution feels that it is necessary to pursue research along with the regular curriculum to create a deep-rooted

academic ambience. The main reason behind it is the common observation that a fixed curriculum with minor changes often leads to stereotyped teaching-learning process. Whereas, research brings about creativity and exploration along newer avenues. 3. The Context At one point of time, the Institution felt that it possesses many faculty members with hidden research potential. Upon being encouraged several faculty members started pursuing research. Later on with the availability of grants from the Government and Non-Government agencies the laboratory infrastructure and instrumental facility enhanced. 4. The Practice Research started in the Institution about 20 years back. Some features of research activities and its consequences are given below:

- Every Department has worked on minor research projects.
- The Department of Chemistry and the Department of Botany have major research projects.
- All total 19 Research scholars are working for their Doctoral thesis in the college. Out of them 16 Research scholars are in the Department of Botany and 3 Research scholars are in the Department of Mathematics.
- Till now 10 scholars have completed their Ph. D. research work from the college.
- The thrust areas in major Research Projects are Organic Chemistry, Inorganic Chemistry, Plant Tissue Culture, Mycopathology Pure and Applied Mathematics etc.
- Most of the research projects are funded by UGC, DST etc.
- The college has a well-equipped lab infrastructure for research. A rich collection of sophisticated instruments including HPTLC, UV IR Spectrophotometers, Fluorometer, Freeze Dryer, Geldoc, Growth Chamber, Leica microscopes etc. are supporting the rapid growth of research.
- The research wing has not been kept divorced from the rest of the college curriculum.
 - a) The PG students must work on some project in these research labs.
 - b) Often the Research scholars guide the UG and PG students in Laboratory classes.
 - c) The interaction between the UG and PG students with the Research Labs is highly beneficial for developing a creative knack in the subject.
 - d) The college is recognised by the West Bengal State university as the Research Centre.
 - e) The department of science and technology has conferred our college the status SIRO.
 - f) The UGC has conferred the status College with Potential for Excellence (CPE) g) DST has given the FIST status for 5 years to the college for the development of research and innovation.

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

http://rkmvccraha.org/uploaded_file/200202131046752.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 (2018-19): Activity Duration : Skill Enhancement course on Value Education and Indian Culture July-December 2018 Service Projects for students where students serve people irrespective of any distinctions of caste, creed or religion. i) Blood Donation Camp: 29th September, 2018 ii) Free Eye Operation Camp: 22-24 December, 2018 iii) NSS camp for Rural Development: 22-28 December, 2018 iv) Service Project on teaching, cleaning and helping the needy Art Competition of Swami Vivekananda's Universal Ideas and Inspirations 12 January, 2019 Seminars and workshops on Universal Values and Ethics A National Seminar On "Chicago Address of Swami Vivekananda and its impact in Indian Society and Nationalism" (to commemorate the 125th Anniversary of Swami Vivekananda's Chicago Address) Sponsored by Indian Council of Social Science Research, New Delhi 12-13 January, 2019 Sparsha 2019 - a workshop on Ethics Interdisciplinary Education towards Quality of Human Life organized in collaboration with The Zoological Society , Kolkata An International Seminar on "Influence of Swami Vivekananda and Gautam Buddha in Culture and Civilization of Southeast Asia" Organized by Maulana Abul Kalam Azad Institute of Asian

Studies (MAKAIAS) in collaboration with Ramakrishna Mission Vivekananda Centenary College, Rahara 15-16 March, 2019 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. Swami Vivekananda and Youth Published in : 2015 Book for man-making and character-building ideas of Swami Vivekananda for the youth. 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. 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.

Provide the weblink of the institution

http://rkmvccrahara.org/uploaded_file/200202132931998.pdf

8.Future Plans of Actions for Next Academic Year

1) Innovation Centres 2) Construction of the classrooms for students 3) Construction of the laboratories for the students 4) Increasing involvement in Summer internships 5) Installation of PDB unit in the Administrative Building 6) Purchase of 250 KVA Green Generator for power back purpose 7) Construction of the Conference Room for Staff -seminar /workshop