

**RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE**



Short Report
2019

Prepared by IQAC

**RAHARA
KOLKATA – 700 118**

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Introduction

The Ramakrishna Mission Boys' Home at Rahara, a branch centre of the Ramakrishna Mission, was founded in 1944 as an orphanage with a nucleus of 37 boys rendered orphan by the Great Bengal Famine of 1942-1943. Since then the Home grew in dimensions and activities adhering to the principle of service to mankind in the spirit of worship. Today, the Home is an educational complex with several schools and colleges wherein nearly four thousand students are receiving education and training in different subjects and trades according to the aptitude of each individual.

This College which forms an integral part and unit of this educational complex is owned and managed by the Ramakrishna Mission. The foundation stone of the College was laid by Srimat Swami Vireswaranandaji Maharaj, the then General Secretary of the Ramakrishna Mission, on 3rd December, 1961 and the College started functioning in July, 1963. The College was established with a view to commemorating the First Birth Centenary of Swami Vivekananda, the Illustrious Patriot-Saint of India and with a view to imparting a general, value-based education in the light of the teachings of Ramakrishna-Vivekananda so that the young pupils may get ample opportunities to build up their character to make themselves useful to their families and to fulfill at the same time their basic obligation to the country.

*The college is situated in the district of North 24-Parganas, identified by the Government as a district highly populated by citizens belonging to SC/ST, OBC and minority community. The district is also identified by the UGC Committee as low GER (**G**ross **E**nrolment **R**atio) district. The college not only caters the need of local students but it also attracts a large number of students belonging to lower-middle and low income groups from remote areas of West Bengal situated in the districts of South 24 Parganas, West Midnapore, Maldaha and areas adjacent to international border with Bangladesh.*

The college offers higher education in seven science branches – UG & PG courses in Chemistry Mathematics & Botany and UG courses in Botany, Mathematics, Physics, Microbiology, Computer Science and Zoology. Since its very beginning, the vision of this college has been two-fold –(i) exposing young minds to advanced scientific topics and imparting hands-on experiencing to sophisticated analytical instruments and (ii) establish the college as a potential center of research activities; thus creating a strong tradition of academic activities and an ambience that favours the scholarly activities.

In all these years, the students of this college has excelled academically in the University Exams and secured high ranks in merit lists. The students of this college are also very enthusiastic to assess their talents in different National-level Examinations [e.g. JAM conducted by IITs, entrance tests conducted by IISc (Bangalore), JNCASR (Bangalore, ISM Dhanbad() and various other Indian Universities such as Jadavpur University etc.]. Students from our Post Graduate

Department of Chemistry has qualified in various National-level examinations such as NET, GATE etc. to become eligible to receive research scholarships.

As is evident from the trends emerging in recent years, majority of the UG students pursue higher studies in pure science or technology in the universities, with a few opting for job-oriented courses such as MBA, MCA etc. The choice of the PG students has been either to pursue a research career or to undertake intensive preparation for different jobs. Overall, the placement record over the past four decades have been satisfactory. Our students are well placed in different Nationally and internationally acclaimed academic and research institutions, in schools, in Government and semi-Government jobs, in private sectors, NGOs etc.

*It is probably one of the very few undergraduate colleges in West Bengal which undertook research projects/programmes a decade ago. The devoted and untiring efforts of the staff members and research scholars have so far produced around **100** publications (in internationally refereed journals). The college has so far produced seven Ph.D. s, and currently fourteen(14) students are persuing research work for their Ph.D degrees..*

The college envisions itself as a potential center of higher education in near future with increasing thrust in undertaking research projects in advanced scientific topics, thus attracting and engaging the best of the students to the frontier areas of respective discipline. With its currently available limited human resource, infrastructural and instrumental facilities, attaining those higher standards have become more difficult. The college expects a generous funding from the various Government / Non-Government agencies to meet its scientific and social obligations.

Our college has achieved the following milestones (2018- 2019) :

- *NAAC accreditation : Accredited with Grade A (CGPA : 3.14)*
- *CPE Status : College with Potential for Excellence (CPE) by the UGC from 2016*
- *WBDST-FIST Award : Physics, Chemistry, Botany and Zoology have been awarded WBDST-FIST from 2014-2015 (for 3 years)*
- *DST-FIST Award : The College as a whole has been awarded by the DST, Govt of India from the session 2013-2018*
- *West Bengal Sate University has approved our college as a Research Centre named “Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences “ on 2015.*
- *UGC has conferred the status of Autonomy to our college from the session 2017-2018.*
- *MHRD has released the NIRF India ranking-2019 and our college has placed 8th in India.*
- *The college is the INSTITUTIONAL MEMBER of ASIA PACIFIC QUALITY NETWORK in 2019*

Vision and Mission of the Institution

Vision

The college is a unit of Ramakrishna Mission Boys' Home, Rahara which is a branch centre of the worldwide organization, Ramakrishna Math & Ramakrishna Mission established by Swami Vivekananda.

Swami Vivekananda said 'My ideal indeed can be put into a few words and that is: to preach unto mankind their divinity, and how to make it manifest in every movement of life' & emphasized the need of 'Modern Science coupled with Vedanta'. Poised in these two visions the institution tries to follow the ideal of *Atmano mokshartham jagaddhitaya cha*, freedom from the bondage of all ignorance & misery by realizing one's divine Self and mending the path for material, intellectual and spiritual good of the entire world. Imbibing this spirit, the college envisions to manifest itself into a powerful centre of higher education aiming the full-fledged growth and fulfillment of all those coming in contact with it.

Mission

The method followed to achieve the supreme good for oneself and for all others is '*Shivajnane jivaseva*' – service done in a spirit of worship. Here in this college, the goal is to serve the students mostly coming from economically constrained circumstances by providing them quality education in the field of Science and in the art of all-square Personality Development by:

- (i) Exposing young minds to advanced scientific topics and imparting hands-on training over sophisticated analytical instruments
- (ii) To establish the college as a potential center of research activities thus creating a strong tradition of deep-rooted academic pursuits and an ambience that favours the scholarly activities
- (iii) Imparting a man-making, character-building education by a balanced development of the 3H's- Head, Heart and Hand so that the students may turn out to be wise citizens able to shoulder the responsibility of the Nation.
- (iv) A culture of labour and service, focus and perseverance, simple living and high thinking is transmitted to the students who are the future of the nation.

This sort of education system which harmonizes the best of the 3 'S's - Science, Service and Spirituality is indeed one of the striking features of the college. Thus the institution stands tall to reach unimaginable heights which many others may only dream about.

Detailed Existing Facilities of the college

Facilities	Details of facilities	Numbers and other details
Auditorium/seminar complex with infrastructural facilities		3
Sports facilities	Playground	5
	Gymnasium	2
Residential facilities for teaching and non-teaching staff	For teaching staff	5 residential quarters
	For non -teaching staff	6 residential quarters
Cafeteria		1
	Inpatient facility	Ramakrishna Mission Sevapratishtan being a branch center of the same organization, can be availed
	Outpatient facility	Ramakrishna Mission Boys' Home, Rahara Dispensary service is available
	Emergency care facility	Ramakrishna Mission Boys' Home, Rahara Hospital is available
	Qualified doctor- Part Time	10
	Qualified Male Attendant - Full Time	04
	Qualified Male Attendant - Part Time	02
Facilities like banking, post office, book shops	Bank	United Bank of India, Rahara Branch
	Post Office	Rahara Post Office
	Book Shops	Vivekananda Book House (rented)
		Sales Counter For Books on Value Education
Biological waste disposal	Organic waste management system	All the microbiological waste products and equipments used for that purpose are autoclaved on a regular basis
Generator or other facility for	Generator	Three (3)125 KVA

management/ regulation of electricity and voltage	Green power supply with large battery bank	1. 5 kVA (three numbers) 2. 10 kVA (one number) 3. 3 kVA (five number)
	Solar power (on-grid)	92 Kwatt
Solid waste management facility		This is regularly done by Khardah Municipality

Significant contributions made by IQAC during the current year

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).

Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Biotic: An Interdisciplinary Internship on Tools And Techniques In Biology	31
Chemiinformatics Internship of IIT Madras with Make-intern	45
Bioinformatics Training	30
Science Academies Summer Research Programme Fellowship Internship at Central Drug Research Institute(CDRI), Lucknow	1
IISER Kolkata Summer Internship	2
TIFR Visiting Students' Research Programme (VSRP)	1
Mathematics Training and Talent Search (MTTS) Programme of NBHM	1
Summer Internship at IIT Guwahati	1
Summer Internship at Banaras Hindu University (BHU), Varanasi	1
Summer Internship at NISER, Bhubaneswar	1
Summer Internship at Indian Statistical Institute (ISI), Kolkata	1
Summer Internship at University of Calcutta	7
Summer Internship at Kalyani University	2
Summer Internship at Visva Bharati University	2
Summer Internship at Assam University	1
Summer Internship at Calcutta School of Tropical Medicine, Kolkata	2
Summer Internship at Nilratan Sircar (NRS) Medical College, Kolkata	5
Summer Internship at The Calcutta Medical Research Institute (CMRI), Kolkata	2
Summer Internship at Bidhan Chandra Krishi Viswavidyalaya (BCKV), Nadia	2
Summer Internship at Ramakrishna Mission Vidyamandira, Belur on Mathematics	4
Summer Internship at Institute of Engineering & Management(IEM), Kolkata	2
Summer Internship at Techno India, Kolkata	2
Summer Internship at TIFR, Mumbai	1
Summer Internship at Malda Medical College	1

Honours and recognitions 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	Asst. Professor in Mathematics	Best Paper Award (Rank-2) IN National Seminar organised by Calcutta Mathematical Society (7 th -8 th December, 2018)
2018	Dr. Swapan Kumar Ghosh	Associate Professor in Botany	Selected by the Department of Science and Technology, Govt of West Bengal as member of the Project Committee
2018	Dr. Sujay Kr. Biswas	Asst. Professor in Mathematics	Selected as Reviewer in 2018
2018	Dr.Swapan Kr Ghosh	Associate Professor in Botany	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 in Botany	The Best Senior Scientist Award in International Conference on 06-08, March 2019 organised by BIOCICON2019, AMITY UNIVERSITY CHHATTISGARH.
2018	Dr Sougata Sarkar	Asst. Professor in Chemistry	WB DST Major Research project vide Memo No. 167(Sanc.)/ST/P/S & T/15G-29/2017
2018	Dr Buddhadeb Dutta	Asst. Professor in Chemistry	WB DST Major Research project vide Memo No. 215(Sanc.)/ST/P/S & T/15G-38/2017
2018	Dr Sougata Sarkar	Asst. Professor in Chemistry	DST-SERB Research project vide Memo No. TAR/2018/000882
2019	Dr P.K. Rana	Associate Professor in Mathematics	DHESTBT Research project, Government of West Bengal (2018-2021)

2019	Dr. Bikash Chakraborty	Asst. Professor in Mathematics	DHESTBT Research project, Government of West Bengal (2018-2021)
2018	Dr. K. Bhattacharya	Asst. Professor in Zoology	DHESTBT Research project, Government of West Bengal (2018-2021)
2019	Dr. N. CHakraborty	Asst. Professor in Botany	DHESTBT Research project, Government of West Bengal (2018-2021)
2019	Dr.H.S. Dey	Asst. Professor in Botany	DHESTBT Research project, Government of West Bengal (2018-2021)
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
2019	Swami Kamalasthananda	Principal	Certificate of Excellence by Indian institute of Global Brotherhood, New Delhi on 28.07.2019

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

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index
1.Silver nanoparticle induced developmental inhibition of <i>Drosophila melanogaster</i> ---larval neural stem cells and non-neuronal cells.	Swapan Kr Ghosh	Environ Monit Assess(EMAS), Springer, wizerland : Vol:191: P 497	2019	3

2. A new application of <i>Trichoderma asperellum</i> as anopheline larvicide for eco friendly management in medical scienc	Podder and Swapan K Ghosh	Scientific Reports (Nature Group) Vol:9: page1108	2019	3
3. Antiproliferative and Apoptotic Effect Of Ethanolic and Methanolic Extract of Edible Mushroom <i>Agaricus bisporus</i> against CaSki Cell Line of Cervical Cancer	Swapan Kr Ghosh etal	Plant Cell Biotechnology And Molecular Biology 19(7&8):372-382	2019	3
4. Encountering epidemic effects of leaf spot disease (<i>Alternaria brassicae</i>) on Aloe vera by fungal biocontrol agents in agrifields - an ecofriendly approach.	Swapan Kr Ghosh etal	PLoS ONE :13(3)	2018	3
5. No fungicide but yeasts to encounter <i>Penicillium</i> fruit rot of <i>Citrus reticulatus</i> -an ecofriendly approach	Swapan Kr Ghosh	Plant Cell Biotechnology And Molecular Biology ;19 (5&6):216-225	2018	3
.Papaya Ring Spot Virus - Its Structure, Type, Epidemiology, Detection: A Review"	Swapan Kr Ghosh and A.Chakrabarty	Journal of Biology and Nature 9(2): 47-55 ugc	2018	3
A submerged culture system for rapid micropropagation of the commercially important aquarium plant, 'Amazon sword' (<i>Echinodorus</i> 'Indian Red').	Haque SM, Ghosh B.	In Vitro Cellular & Developmental Biology – Plant. 55:81–87. (Springer)	2019	16
Population genetic structure and diversity analysis in <i>Hedychium coronarium</i> populations using morphological, phytochemical and molecular markers.	Ray, A., Haldar, T. Ghosh, B., Panda, P.C., and Nayak, S	Industrial Crops and Products, 132: 118-133. (Elsevier)	2019	

A Combined Approach Using ISSR and Volatile Compound Analysis for Assessment of Genetic and Phytochemical Diversity in <i>Zingiber zerumbet</i> (L.) from Eastern India.	Dash, B....., Ghosh, B. and Nayak, S.	Journal of Essential Oil Bearing Plants, 22 :31-49. (Taylor & Francis)	2019	16
In vitro completion of sexual life cycle—production of next sporophytic generation through in vitro flowering and fruiting in <i>Solanum americanum</i> and <i>Solanum villosum</i> .	Haque SM, Halder T, Ghosh B.	South African Journal of Botany. 118:112–119. (Elsevier)	2018	16
An improved micropropagation protocol for the recalcitrant plant <i>Capsicum</i> – a study with ten cultivars of <i>Capsicum</i> spp. (<i>C. annuum</i> , <i>C. chinense</i> , and <i>C. frutescens</i>) collected from diverse geographical regions of India and Mexico).	Haque SM, Ghosh B.	Journal of Horticultural Science and Biotechnology. 93:91–99. (Taylor & Francis)	2018	
Callus mediated shoot organogenesis and regeneration of cytologically stable plants of <i>Ledebouria revoluta</i> : an ethnomedicinal plant with promising antimicrobial potency.	Haque SM, Avijit Chakraborty, Ghosh B.	Journal of Genetic Engineering and Biotechnology. 16(2):645–651 (Elsevier)	2018	16
Micropropagation of <i>Kaempferia angustifolia</i> Roscoe—an aromatic, essential oil yielding, underutilized medicinal plant of Zingiberaceae family.	Haque SM, Ghosh B.	Journal of Crop Science and Biotechnology. 21:147–153. (Springer)	2018	16
Karyomorphological studies of six commercially cultivated edible cucurbits: bitter gourd, sponge gourd, ridge gourd, snake gourd,	Alam MM, Haque SM, Ghosh B.	Caryologia. 71:150–159. (Taylor & Francis)	2018	

ash gourd and cucumber.				
Chemical diversity, antioxidant and antimicrobial activities of the essential oils from Indian populations of <i>Hedychium coronarium</i> Koen.	Ray, A.,... Ghosh, B., Nayak, S. and Mahapatra, N.	Industrial crops and products, 112: 353-362. (Elsevier)	2018	
1. Developing Effective Listening Skills in Classroom through Popular Animation Films in English: A Literature Review	Manas Moulic & Mojibur Rahman	Journal of Engineering and Applied Sciences	2019	0
2. Dynamics and their Perception to Develop Effective Listening Skills			2018	
Temporal diversity of urban butterflies: A case study in the campus of Ramakrishna Mission Vivekananda Centenary college, Rahara, West Bengal	Arunava Mukherjee	The Pharma Innovation	2018	0
Temporal diversity of urban butterflies: A case study in the campus of Ramakrishna Mission Vivekananda Centenary college, Rahara, West Bengal	Samir Sardar	The Pharma Innovation Journal	2018	0
First Report on the Use of gastropod shells by hermit crabs from the eastern coast, India.	Samir Sardar	The Pharma Innovation Journal	2018	0
A note on the value distribution of differential polynomials	Subhas S. Bhoosnurmath, Bikash Chakraborty, and H. M. Srivastava	Commun. Korean Math. Soc.	2019	2
Yet another visual proof that $\pi^e < e^\pi$	A. Mukherjee and B. Chakraborty	The Mathematical Intelligencer	2019	2
A visual proof that $\pi^e < e^\pi$	B. Chakraborty	The Mathematical Intelligencer	2019	2

Fundamental theorem of algebra - a Nevanlinna theoretic proof	B. Chakraborty	Resonance	2019	2
Uniqueness of power of a Meromorphic Function with its Differential Polynomial	B. Chakraborty	Tamkang Journal of Mathematics	2019	2
On the cardinality of unique range sets with weight one.	B. Chakraborty and Sagar Chakraborty	Ukranian Math. J.	2018 (Accepted)	2

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 co- ordinated in such activities	Number of students participated in such activities
Science Workshop (as Resource Person)	Mathabhanga Science Academy and RKM Saradapitha Belur Math	02 (Dr. K.R. Sur, Dept. of Chemistry and Dr. A. Mukherjee, Dept. of Zoology)	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.	01 (Dr. Biswajit Ghosh)	72

	No. R-006 FC)		
	Traders and Nursery Management Organisation		
	Avi's Enterprise Company		
	Akhil Bharat Vivekananda Yuva Mahamandal (Regn. No. S/9201 of 1968-69)		

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 coordinated 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 material Distribution	NSS Cell, RKMVCC	Education	2	40

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	3 years

Joint Activity	Research	Serampore College, Hooghly, Dept. of Botany	WB DST, Govt of WB	3 years
Joint Activity	Research	Sidho Kanho Birsha University, Dept. Of Zoology)	WB DST, Govt of WB	3 years
Joint Activity	Research	NICED, ICMR Virus Unit)	WB DST, Govt of WB	3 years
Joint Activity	Research	Chittaranjan National Cancer Institute, Kolkata, Dept. of Physiology)	WB DST, Govt of WB	3 years
Joint Activity	Research	Contai P.K. College, Dept. of Chemistry	WB DST, Govt of WB	3 years

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

Nature of linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Internship	Chemiinformatics Internship of IIT Madras with Make-intern	16-05-2019 to 30-06-2019	45
Internship	Bioinformatics Training	16-05-2019 to 30-06-2019	30
Internship	Science Academies Summer Research Programme Fellowship Internship at Central Drug Research Institute(CDRI), Lucknow	16-05-2019 to 30-06-2019	1
Internship	IISER Kolkata Summer Internship	16-05-2019 to 30-06-2019	2
Internship	TIFR Visiting Students' Research Programme (VSRP)	16-05-2019 to 30-06-2019	1
Internship	Mathematics Training and Talent Search (MTTS) Programme of NBHM	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at IIT Guwahati	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at Banaras Hindu University (BHU), Varanasi	16-05-2019 to 30-06-2019	1

Internship	Summer Internship at NISER, Bhubaneswar	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at Indian Statistical Institute (ISI), Kolkata	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at University of Calcutta	16-05-2019 to 30-06-2019	7
Internship	Summer Internship at Kalyani University	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Visva Bharati University	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Assam University	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at Calcutta School of Tropical Medicine, Kolkata	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Nilratan Sircar (NRS) Medical College, Kolkata	16-05-2019 to 30-06-2019	5
Internship	Summer Internship at The Calcutta Medical Research Institute (CMRI), Kolkata	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Bidhan Chandra Krishi Viswavidyalaya (BCKV), Nadia	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Ramakrishna Mission Vidyamandira, Belur on Mathematics	16-05-2019 to 30-06-2019	4
Internship	Summer Internship at Institute of Engineering & Management(IEM), Kolkata	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at Techno India, Kolkata	16-05-2019 to 30-06-2019	2
Internship	Summer Internship at TIFR, Mumbai	16-05-2019 to 30-06-2019	1
Internship	Summer Internship at Malda Medical College	16-05-2019 to 30-06-2019	1

Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
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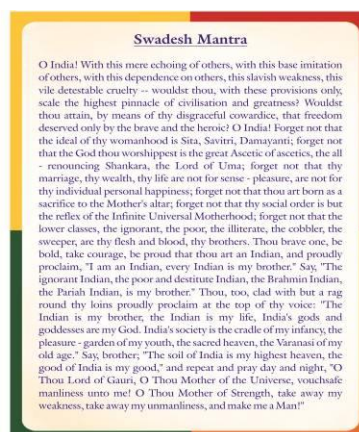
Campus area	4 acres (approximately) for College & 100 acres land for whole Mission	Construction of five-storied building (32000 sq. ft.). New Extension building
Class rooms	32	21
Laboratories	31	5
Seminar Halls	3	1
Classrooms with LCD facilities	35	8
Seminar halls with ICT facilities	3	1
Video Centre	3	
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	35	41
Value of the equipment purchased during the year (Rs. in Lakhs)		11067978
Others		Language Lab furnished by Skill Junction

Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Annual Eye Operation Camp
- Annual Blood Donation Camp
- Pulse Polio Immunization Programme Centre
- T.B. Seal Sale Camp
- Seminars: Total=26

Other Activities of the college

- **Freshers' Welcome Ceremony:** Every year after the commencement of the new session, a cultural programme under the name 'Freshers' welcome' is organised to mark the welcome ceremony of the new comers. The freshers' welcome is the celebration of joy and harmony where the newly admitted students are acquainted with the ideals and workings of the institution. **Prof. Rakesh Bhatnagar, Vice-Chancellor (VC), Banaras Hindu University (BHU) as Guest-in-Chief of the programme and Dr. Saumitra Das., DIRECTOR, National Institute of Biomedical Genomics as Special Guest of the programme-2019. The newly freshers have got a card in this ceremony.**



- **Prize Distribution Ceremony** : The college inspires the students for hard work and sincerity by all possible means. The students and staffs are encouraged for good work in different fields and duly awarded for their bright accomplishment. It has been a pleasure for the institution to be able to distribute prizes to the achievers every year in the same vivid fashion. Some generous well wishers and staff members present various endowments to our students. **In the year 2019, 148 students have got prizes for their Academic Excellence.**



Prof Ashok Kr. Das, Vice Chairman, Odisha State Higher Education Council (OSHEC), Guest-in-Chief, Sri Chandra Shekhar Ghosh, the founder and chairman managing director of Bandhan Bank, as special Guest, Prof. Ravindra Shripad Kulkarni, Distinguished Professor and former Director of Harish-Chandra Research Institute, as special Guest of the programme.

- **Free Eye Operation Camp (IOL)** : The ideal of service followed in the Ramakrishna Movement is based on the principle, '*Siva-jnane-jiva-seva*', to serve man as potentially divine. For the last 18 years the college has been organising a free eye operation camp(IOL) as a part of the National Service Scheme (NSS) in collaboration with the Disha Eye Hospital, Barrackpore. The following is the details of Eye Operation Camp held in our college in the year 2017.

Event	Date	No. of patients
1 st Screening process	07/12/2017	171
Pre-operative check-up Disha Eye Hospital	10/12/2017	63
Camp on the college for Operation	16/12/2017 to 18/12/2017	48
Operation at Disha Eye Hospital	17/12/2017	48
Post Operative Check up at college	30/12/2017	48
Check up & Refraction at Disha	07/01/2018	48
Distribution of spectacle at college	22/02/2018	48
Whole process of the camp	Dec. – Feb., 2019	47

- **Blood Donation Camp:** That blood is the most sacred and precious constituent of life has been the fact approved by medical experts for centuries. With a similar objective, the Ramakrishna Mission Vivekananda Centenary College initiated its first blood donation camp more than 30 years ago and still organises the camp every year in the same vivid fashion. The institution has been honoured with a memento and certificate by the Association of Voluntary Blood Donors, west Bengal for organising 25 voluntary blood donation camps on their annual convocation held on January 20, 2008.

The college publishes the name of the donors and their respective blood groups to encourage and inspire everyone for this noble service. **About 130 students and staff-members donated blood in the year 2019.** The Association of Voluntary Blood Donors, West Bengal awarded the Nishikanta Roy Memorial Seva Trust Award for the competition year 2016-17 to our College for outstanding performance in the field of Voluntary Blood Donation by mobilizing Voluntary Blood Donors in the year amongst the Educational Institutions on 20th January, 2018.



- **Annual Sports :** The ideology of the college finds its expression through a wide spectrum of activities where healthy physique and enriched soul is highly valued. The annual sports meet is such an event, which attempts to manifest the thoughts and principles of Swamiji regarding the upheaval of a healthy society. It is held in the Ashram Playground. A variety of events such as 100 mt. race, 200 mt. race, 800 mt. race, discus throw, high jump, long jump, shot-put, different types of relay races are fixed to persuade active participation. **20 students got prizes in different events in college sports in the year 2019.**



- **Observation of memorable days throughout the year** : The college observed many programmes throughout the year with sincerity and succession. The humble way of observations of 15th August, 23rd January, 26th January, etc. are one of the special features of this college. These help the students to inculcate the values like the honouring of the motherland and the worthy sons of the motherland. The Saraswati Puja celebration i.e. the worship of Mother of Learning was performed every year with due solemnity and prayer. Moreover, the observation of Birth-day of Sri Sri Ramakrishna Deva, Sri Sarada Devi and Swami Vivekananda through the whole day programme in our Ashrama is a great attraction to all students and staff-members.
- **Samavartana-2017:** *Samavartana* of Ramakrishna Mission Vivekananda Centenary College, Rahara was held on 24-07-2019 to confer degree certificates to Postgraduate students who have passed out in 2019. This year postgraduate students, passed in 2019 received their certificates. Prof. K.K. Aggarwal, Chairman, National Board of Accreditation and Former Founder Vice Chancellor, GGS Indraprastha University, Delhi, was present as Guest-in-Chief. Prof. Basab Chaudhuri, Hon'ble Vice-Chancellor, West Bengal State University was grace the occasion and conducted the ceremony.



LIBRARY FACILITY FOR THE STUDENTS

- ❖ College Central Library (Accessible beyond College Hours)
 - *BOOK BANK facility, Short term lending, Reading Room for all*
 - *Software package (BookWarm developed by college) for Library Automation, Registered for INFLIBNET.*
- ❖ A District Library for all (about 50,000 Books).
- ❖ A Mission Library having value education books, articles and journals (about 10,000 Books)

❖ Our college is the Local Chapter member for National Programme on Technology Enhanced Learning (NPTEL). single point of contact (SPOC) of our college for this Local Chapter is conducting the following activities :

- He publicises amongst the students and faculty of the college regarding all the initiatives of NPTEL.
- Brochures/posters of NPTEL content sent to him should be displayed at the places frequented by faculty/students of the college to get maximum visibility.
- The SPOC publicizes the online certification courses amongst the students and inform them about the courses being offered currently.
- He encourages students to enroll in these courses.
- The college identify faculty members who can act as mentors for the enrolled students who can encourage them to be active in the course, submit the assignments on time and register for the exam.

Library & its Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	33314	6484130	624	900438	33938	7384568
Reference Books	1668		127		1795	
e-Books	165000*					
Journals	21	22055	1	480	22	22535
e-Journals						
Digital Database						
CD & Video	122		8		130	
Library automation						
Weeding (Hard & Soft)						
* E-Books and e-Journals are accessed through NLIST programme of INFLIBNET						

COMPUTER FACILITY & INTERNET FACILITY

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)
Existing	154	2	33	2	2	18	26	80
Added	40	2	40	1	0	0	40	6
Total	194	4	73	3	2	18	66	86

Other Existing Facilities for students

- ❖ NSS Facility
- ❖ Endowment & Free-ships, Institutional & Departmental Scholarship Facility
- ❖ Ion-exchange distilled water generation plant for supply of sufficient distilled water for laboratories use.
- ❖ The college has an instrument room having **HPTLC, IR Spectroscopy, UV-Vis spectroscopy, Flourimeter, Ultra Speed Beckmen Centrifuge**, etc.
- ❖ A **92 KW on-grid solar power** station is installed on roof of the college building.
- ❖ A **250 seated capacity** centralized AC seminar hall for the all workshop and seminar purpose.
- ❖ **Eight class rooms** are equipped with DLP projector along with other multimedia facilities.
- ❖ The chemistry lab is equipped with **Electrochemical Workstation, Magnetometer and UV-Vis Spectrometer**.
- ❖ Drinking water supply is equipped with **Aqua-guard and Cooler system** for all students and staff-members.
- ❖ A **big poly-house, two green shade-net house** and experimental garden for Botany Department.
- ❖ A well-equipped **tissue culture laboratory** is used for Plant Biotechnology research and PG works.

- ❖ A molecular **Myco-pathological laboratory** for research and PG works.
- ❖ The Botany and Zoology dept. has **Two PCR, one Gel-Doc, One -86°C Freeze, One Lyca Make 3-D Microscope, Growth Chamber, Freeze Dryer, Precision Balance, Four(4) Laminar Air-Flows, HPLC, Fluorescence Microscope** and many other sophisticated instruments.
- ❖ A **Smart-classroom** for digital touch-screen facility is available.
- ❖ One **Mushroom Cultivation Laboratory**
- ❖ Auto-regulated **Deep tube well** for water conservation and use
- ❖ **Two(2) ATM counters** service for 24 hours
- ❖ **Electricity office** for whole Rahara area situated in our campus
- ❖ One **carpentry section** and one **tailoring section** present in our Ashrama
- ❖ One **Digital Press** for publication
- ❖ One **Bakery for production** of cheap biscuit and cakes
- ❖ One **electrical and electronics** section for maintenance of all electrical/electronic gadgets
- ❖ One **sales counter** for value educations books and CDs
- ❖ One big **Auditorium** (1200 seats capacity) for common functions
- ❖ One 1100 seating capacity fully Air-Conditioned Sri Ramakrishna hall
- ❖ One Universal temple cum prayer Hall for meditation and prayer
- ❖ Four (4) **play-grounds**
- ❖ One **vocational section** with different trades
- ❖ One **B.Ed. college** for professional course
- ❖ One **Primary Teachers' Training Unit**

Student's Scholarship Details Last Year (As Per Record)

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Swami Adi Scholarship Belur Math.	10	3000 x 10 = 30000
	Waiver Examination Fee	1	1500 x 1 = 1500
	Alumni Scholarship (UG & PG)	6	36000
	Scholarship for Book grant	3	3311
	Tution Fee Waiver Stipend from R.K.M.V.C.C. Rahara	7	1320 x 7 = 9240
	Toppers' Academy and Other Stipend from R.K.M.V.C.C.	18	25400
	Sister Nivedita MedhaSattva Scholarship	1	18000

	Student's Aid Fund.	1	36000
Financial support from other sources			
a) National			18000 x 68 = 1224000
	Merit-cum-Means.	96	30000 x 28 = 840000
	Inspire- Scholarship.	28	60,000 x 28 = 1680000
			4020 x 4 = 16080
			5120 x 1 = 5120
			5520 x 4 = 22080
	Post Matric.	11	5920 x 2 = 11840
			4800 x 2 = 9600
	Sitaram Jindal Foundation.	5	3600 x 3 = 10800
	Dr.MaitrayeeChakraborty Charitable Trust	10	11900 x 10 = 119000
	Sabitri Devi Memorial Scheme for Book Grant to Poor & Meritorious Students	5	1500 x 5 = 7500

Laboratory Facilities Available

Name of Department	No. of Laboratories
Chemistry	UG = 4 PG = 4 Research lab = 2 Computer lab = 1
Physics	UG = 7 Research lab = 1 Computer lab=1
Mathematics	Computer lab = 2
Botany	UG=4, PG=4, Herbarium = 1 Computer lab = 1 Tissue Culture lab = 1 Poly-House = 1 green House = 2 Advance Lab for Mycology=1 Cancer Research Lab=1 Research lab = 2
Zoology	UG = 4, Museum = 1 Computer lab = 1
Microbiology	UG = 4, Computer lab = 1
Computer science	Computer lab = 3

RECORDS OF ACADEMIC EXCELLENCE B. Sc. (U.G.)

Title of the Programme	Total no. of students appeared	Division/Class		
		I (No.)	II (No.)	Pass (No.)
Physics	49	30	18	0
Chemistry	51	46	02	0
Mathematics	40	14	22	6
Zoology	32	16	14	1
Botany	31	12	08	3
Chemistry (M.Sc.)	39	37	02	
Botany (M.Sc.)	28	16	12	

RECORDS OF ACADEMIC EXCELLENCE M. Sc. (P. G.)

Title of the Programme	Total no. of students appeared	Division/Class			
		I (No.)	II (No.)	III (No.)	Pass (No.)
Chemistry (M.Sc.)	39	36	03		
Botany (M.Sc.)	26	20	06		

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
2018-19	3	B.Sc. Chemistry (Hons.)	Chemistry	IISc Bangalore	Integrated Ph.D.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	JNCASR, Bangalore	Integrated Ph.D.

2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	IACS, Kolkata	Integrated Ph.D.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	IISER, KOLKATA	Integrated Ph.D.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	IIT Kharagpur	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	IIT Chennai	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	IIT Hyderabad	M.Sc.
2018-19	4	B.Sc. Chemistry (Hons.)	Chemistry	University of Hyderabad	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	JNU, New Delhi	M.Sc.
2018-19	5	B.Sc. Chemistry (Hons.)	Chemistry	BHU, Varanasi	M.Sc.
2018-19	2	B.Sc. Chemistry (Hons.)	Chemistry	Pondicherry University	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	Calcutta University	M.Sc.
2018-19	2	B.Sc. Chemistry (Hons.)	Chemistry	Kalyani University	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	Viswabharati University	M.Sc.
2018-19	3	B.Sc. Chemistry (Hons.)	Chemistry	Ramakrishna Mission Residential College, Narendrapur	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	Ramakrishna Mission Vidyamandir	M.Sc.

				a, Belur	
2018-19	3	B.Sc. Chemistry (Hons.)	Chemistry	Ramakrishna Mission Vivekananda Centenary College, Rahara	M.Sc.
2018-19	1	B.Sc. Chemistry (Hons.)	Chemistry	West Bengal State University	M.Sc.
2018-19	8	B.Sc. Physics (Hons.)	Physics	RKMVERI, Belur	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	IIT Guwahati	M.Sc.
2018-19	2	B.Sc. Physics (Hons.)	Physics	JNU, New Delhi	M.Sc.
2018-19	6	B.Sc. Physics (Hons.)	Physics	West Bengal State University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	RAU'S IAS Study circle.	M.Sc.
2018-19	2	B.Sc. Physics (Hons.)	Physics	Jadavpur University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	S. N. Bose National Centre for Basic Sciences	Integrated Ph.D.
2018-19	2	B.Sc. Physics (Hons.)	Physics	Ramakrishna Mission Residential College, Narendrapur	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Kalyani University	M.Sc.
2018-19	5	B.Sc. Physics (Hons.)	Physics	West Bengal State University	M.Sc.
2018-19	2	B.Sc. Physics (Hons.)	Physics	IIT Hyderabad	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	IIT Kanpur	M.Sc.
2018-19	1	B.Sc. Physics	Physics	IIT Kanpur	Integrated

		(Hons.)			Ph.D.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Acharya Prafulla Chandra College	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	CUCET	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	IIT Bhubaneswar	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Raiganj University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Jharkhand Central University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Haryana Central University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Jamia Millia University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Burdwan University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Presidency University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Gurudas College, Kolkata	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Vivekananda College, Kolkata	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	RKMVERI, Belur	M.Sc. Big Data Analytics
2018-19	2	B.Sc. Physics (Hons.)	Physics	Pune University	M.Sc.
2018-19	1	B.Sc. Physics (Hons.)	Physics	Pondicherry University	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	IISER, Bhopal	Integrated Ph.D.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	IISER, Thiruvananthapuram	Integrated Ph.D.

2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	Pune University	M.Sc.
2018-19	6	B.Sc. Mathematics (Hons.)	Mathematics	West Bengal State University	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	Ramakrishna Mission Vidyamandira, Belur	M.Sc.
2018-19	2	B.Sc. Mathematics (Hons.)	Mathematics	RKMVERI, Belur	M.Sc.
2018-19	3	B.Sc. Mathematics (Hons.)	Mathematics	RKMVCC, Rahara	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	Gour Banga University	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	North Bengal University	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	BHU, Varanasi	M.Sc.
2018-19	2	B.Sc. Mathematics (Hons.)	Mathematics	Jadavpur University	M.Sc.
2018-19	3	B.Sc. Mathematics (Hons.)	Mathematics	Calcutta University	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	IIT Bombay	M.Sc.
2018-19	1	B.Sc. Mathematics (Hons.)	Mathematics	Jadavpur University	MCA
2018-19	2	B.Sc. Botany (Hons.)	Botany	West Bengal State University	M.Sc.
2018-19	1	B.Sc. Botany (Hons.)	Botany	West Bengal State University	MRS

2018-19	2	B.Sc. Botany (Hons.)	Botany	RKMVCC, Rahara	M.Sc.
2018-19	1	B.Sc. Botany (Hons.)	Botany	B.Ed	B.Ed.
2018-19	5	B.Sc. Botany (Hons.)	Botany	RICE	for WBCS/IAS
2018-19	1	B.Sc. Botany (Hons.)	Botany	Adamas University	M.Sc.
2018-19	1	B.Sc. Botany (Hons.)	Botany	Barasat Govt. College	M.Sc.
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	IISER, Mohali	Integrated Ph.D.
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	IACS, Kolkata	Integrated Ph.D.
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	NIBMG, Kolkata	Integrated Ph.D.
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	JNU, New Delhi	M.Sc. Biotechnology
2018-19	2	B.Sc. Zoology (Hons.)	Zoology	Punjab University	M.Sc
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	Calcutta University	M.Sc
2018-19	3	B.Sc. Zoology (Hons.)	Zoology	West Bengal State University	M.Sc
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	Barasat Govt. College	M.Sc
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	Bidhannagar Govt. College	M.Sc
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	Krishnanagar Govt. College	M.Sc
2018-19	1	B.Sc. Zoology (Hons.)	Zoology	Guwahati University	M.Sc

Students qualifying in state/ national/ international level examinations during the year :

Items	No. of Students selected/ qualifying
NET	10
SET	2
GATE	12
GRE	1
Civil Services	4
State Government Services	40
Central Government Services	13
Indian Banking Public Services	4

Students of the institution have won international awards in the previous academic year
(2 0 1 8 -1 9) : 2 9

Sl.No.	Name of the Student/Name of the Team	Name of the Award	Name of International Institution/Organisation from where the award has been received	Year of receiving award
1	Debanjit Mondal	Finalist in International Youth Math Challenge	International Youth Math Challenge	2018
2	Niladri Sekhar Patra	Gold Honour for being placed among top Five percent in International Youth Math Challenge	International Youth Math Challenge	2019
3	Debadri Bera	Gold Honour for being placed among top Five percent in International Youth Math Challenge	International Youth Math Challenge	2019
4	Rejoy Chakraborty	International Publication	International Journal of Applied Research	2019
5	Rejoy Chakraborty	International Publication	European Journal of Pharmaceutical and Medical Research	2019
6	Ananda Mukherjee	International Publication	The Mathematical Intelligencer	2019
7	Rejoy Chakraborty	International Publication	International Journal of Trend in Research and Development	2019
8	Shree Mitra	International Publication	European Journal for Pharmaceutical and Medical Research	2019

9	Ananda Mukherjee	Scholarship	Jagadis Bose National Science Talent Search	2018
10	Snehasish Ghosh	Elite plus Gold in NPTEL course	National Programme on Technology Enhanced Learning	2018
11	Soumen Halder	NPTEL Course Topper	National Programme on Technology Enhanced Learning	2019
12	Sukantha Dey	NPTEL Course Topper	National Programme on Technology Enhanced Learning	2019
13	Arijit Paul	NPTEL Course Topper	National Programme on Technology Enhanced Learning	2019
14	Puskar Pramanik	NPTEL Course Topper	National Programme on Technology Enhanced Learning	2019
15	Padmanava Dasgupta	Selected for Science Academies Summer Research Fellowship Program SRFP	Indian Academy of Sciences	2019
16	Debanjit Mondal	Selected for Visiting Students Research Programme VSRP of TIFR	TIFR Centre for Applicable Mathematics Bangalore	2019
17	Debanjit Mondal	Selected for MTTS of NBHM	National Board for Higher Mathematics	2019
18	Debangshu Biswas	Selected for MTTS of NBHM	National Board for Higher Mathema	2019
19	Debadri Bera	DST Inspire Summer Project	Department of Science and Technology Govt of India	2019
20	Sudip Dolai	DST Inspire Summer Project	Department of Science and Technology	2019
21	Niladri Sekhar Patra	DST Inspire Summer Project	Department of Science and Technology	2019
22	Sumanta Sarkar	DST Inspire Summer Project	Department of Science and Technology	2019
23	Debojyoti Pahari	DST Inspire Summer Project	Department of Science and Technology	2019
24	Alapan Ghosh	Selected for MTTS of NBHM	National Board for Higher Mathematics	2019
25	Ritam Sinha	Selected for MTTS of NBHM	National Board for Higher Mathematics	2019
26	Soumyadweep Mondal	Selected for Summer Research Project at NISER Bhubaneswar	NISER Bhubaneswar	2019
27	Amarttya Bagchi	Selected for Summer Research Project at IISER Kolkata	IISER Kolkata	2019

28	Prachyapracheta Sarkar	First Prize in Poster Presentation Session of Sixth India Biodiversity Meet International Conference	Indian Statistical Institute ISI Kolkata	2019
29	Aritra Bhattacharya	International Publication	The Pharma Innovation Journal	2018

Short Profile of Faculty Members

Name of the faculty member	No. of students obtained Ph. D. degree	Number of students working/registered for Ph. D. degree
Prof. Chandrakanta Bandyopadhyay	Five	nil
Prof. Tapas Ghosh	One	Two
Prof. Swapan Kumar Ghosh	Two	twelve
Prof. Biswajit Ghosh	Two	Five
Prof. D. Dutta	-	Two
Prof. P.K. Medda	-	Three

Research publication of the Department of Chemistry

Prof. C. Bandyopadhyay	60
Prof. T. Ghosh	44
Prof. K. R. Sur	17
Prof. R. Patra	08
Prof. S. Banerjee	29
Prof. B. Dutta	12
Prof. B. Mondal	15
Prof. P. K. Tarafdar	19
Prof. K. Mandal	7
Prof. S. Suin	22
Prof. S. Sarkar	45

Research publication of the Department of Botany

Prof. S. K. Ghosh	45
Prof. B. Ghosh	51
Prof. A. K. Choudhury	10
Prof. H.S. Dey	12
Prof. A. Kundu	09

Prof. B. Roy	02
Prof. A. Bhar	04
Research publication of the Department of Physics	
Prof. A. K. Pal	12
Prof. C. K. Das	05
Prof. Atisdipankar Chakraborty	10
Prof. Rajen Kundu	13
Research publication of the Department of Zoology	
Prof. P. K. Medda	16
Prof. D. Datta	23
Prof. K. Bhattacharya	04
Prof. A. Mukherjee	22
Research publication of the Department of Mathematics	
Prof. P.K. Rana	22
Prof. B. Mitra	04
Prof. S.K. Biswas	02
Prof. S. Pal	38
Prof. Amit Kumar Biswas	14
Research publication of the Department of Language	
Prof. M. Moulic	06
Research publication of the Library	
Sri R. K. Dey	02

Existing Patents

Prof. Biswajit Ghosh: GenBank (International Nucleotide Sequence Database)

Rice Accession numbers in NCBI GenBank.

- Bhog dhan (Accession: JQ345686)
- Chini atap (Accession: JQ345687)
- Khas dhan (Accession: JQ345688)
- Nayanmuni (Accession: JQ345689)
- Roygorh (Accession: JQ345690)

Prof. Subhabrata Banerjee: US Patents granted

- 1. Process for the activation of perovskite-type oxide**
V. R. Choudhary and Subhabrata Banerjee
US Patent US 6,197,719 (2001).
- 2. Low temperature process for the production of hydrogen**
Vasant Ramchandra Choudhary, Amarjeet Munshiram Rajput, Subhabrata Banerjee,
US Patent US 6,509,000 (2003)

Prof. Kaustab Mandal: India Patents filed for publication

- 1. A process of making bimetallic palladium based nanoporous alloy for hydrogen generation from formic acid at near ambient temperature.**
Subrata Dasgupta, Kaustab Mandal and Debaleena Bhattacharjee
India Patent, Application No. 0622DEL2015
- 2. A process of making impervious palladium membrane over ceramic substrate at near ambient temperature.**
Subrata Dasgupta, Debaleena Bhattacharjee, Kaustab Mandal and Trilochan P. Sahoo
India Patent, Application No. 2461DEL2013

Dr. Swapan Kumar Ghosh

Gene publication in Gene Bank, NCBI, U.S. National Library of Medicine 8600 Rockville Pike, Bethesda MD, 20894 USA)

- 1. *Pseudomonas aeruginosa* strain mmp1 16S ribosomal RNA gene, partial sequence GenBank: KM491554.1**
- 2. *Beauveria bassiana* isolate SKG/BB/2014/LC1 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: KM491553.1**
- 3. *Beauveria bassiana* isolate SKG/BB/2012/SILKWORM 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence GenBank: KM604668.1**
- 4. *Trichoderma asperellum* isolate SKG/TA/2009/Agri Soil internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: KM604669.1**
- 5. *Diaporthe phaseolorum* strain DP/2013-14/SKG-02 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: KJ451621.1**
- 6. *Alternaria brassicae* isolate AB/2013-14/SKG-01 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: KJ022772.1**

Patents published/awarded during the year

Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
Sri Satyakam Saha, Botany Honours, B.Sc. 3rd year has got Indian patent on FOOD PRESERVER.	Published	309871	award: 25/03/2019
			Application No.: 432/KOL/2015 ; Date of Filing: 21/04/2015

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	Date and Duration
		(from – to)
Refresher Course	11	30.11.18-20.12.18 (Dr. S. Sarkar and B. Datta)
		5.9. 18-25.9.18
		(Dr. K. Mandal)
		30.11.18-20.12.18 (Dr. Supratim Suin)
		7.12.18-27.12.2018 (Dr. S.K. Biswas)
		8.10.18-2.11.18 (Dr. A.K. Choudhury)
		3.9.18-22.9.18
		(Dr. B. Roy)
		8.8.18-28.8.18 (Dr. A. Kundu)
		9.7.18-29.7.18 (Dr. H.S. Dey)
		2.1.19-22.1.19 (Dr. K. Bhattacharjee and Dr. A. Mukherjee)
Orientation Programme	2	4.9.18-3.10.18 (Dr. D. Jana)
		1.2.19-28.2.19 (Dr. R.K. Dey)
AIS Homotopy Workshop Theory, ISI, Kolkata	1	13.5. 19-25.5.19
		Dr. P.K. Rana

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

Title	Dept. and Speakers	Date
'Green Campus Inventory' Programme	Members of CSE (Centre for Science and Environment), Delhi: Mr. Rajneesh Sareen and Ms.Mitashi Singh	4 th July, 2018
Workshop on Mathematics	Dr. Arijit Ganguly, Post Doc Fellow, Tel Aviv University, Israel (Formerly Doctorate from TIFR)	13 th July, 2018
Seminar on 'Recent Trends in Particle Physics'	Dr. Srimoy Bhattacharya, IIT Guwahati	13 th July 2018
Seminar on 'Prokaryotes: the Origin of Life'	Dr. Alokemoy Basu, ABN Seal College, Coochbehar	17 th July, 2018
Seminar on 'World Elephant Day'	Sri Subrata Palchowdhury, Forest Department, West Bengal	11 th August, 2018
Safety Drive in journey and Save Life	Sri Arnab Dutta, OC, Dumdum GRP	17 th August, 2018
	Sri Ashesh Biswas, IPS, Supdt. Of Rlwy Police, Sealdah GRP	
	Sri Ananda Roy, IPS, DCP, BKP Zone-N, Barrackpore Commisionerate	
	Sri Mrityunjoy Bannerjee, IC, Khardah PS.	
Seminar on 'Diabetes'	Dr.Partha Chakraborty, IICB, Kolkata	22 nd September, 2018
Seminar on 'A tale of Two Gases'	Dr. Rahul Banerjee, Associate Professor, Department of Chemical Science; Indian Institute of Science Education and Research (IISER), Kolkata	05 th October, 2018

Seminar on 'Genetics of Cancer' Organized by The Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dr. Runa Sur, Department of Biophysics and Molecular Biology, Calcutta University	06 th October, 2018
Mathematics Training and Talent Search (MTTS) Workshop	Prof. Bhaba K. Sarma, IIT Guwahati	24 th – 29 th December, 2018
	Dr. Joydeep Sengupta, Aliah University	
	Dr. Gayatri Panicar, Post-Doc Fellow, IIT Kanpur	
	Dr. Debopam Chakraborty, Tezpur University	
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	Swami Vivekananda Multidisciplinary Research Centre for Basic Sciences and Social Sciences	12 th -13 th January, 2019
	Swami Devapriyananda, President, Ramakrishna Vedanta Centre, Lusaka, Zambia	
	Swami Narasimhananda, Editor, Prabuddha Bharat, Mayavati, Uttarakhand	
	Dr. Manasendu Kundu, Summer Faculty in Dept. of Environmental Studies and Anthropology, UC Santa Barbara	
	Prof. Nirmal Maity, Member, Vivekananda Vijnan Mission (West Bengal Chapter of Vijnan Bharati)	
	Dr. Bishnupada Nanda, Professor, Department of Education, Jadavpur University	
	Sri Sekhar Chakrabarti, a well known vexillologist	
	Sri Arijit Sarkar, MCKV Institute, Howrah	
Sparsha 2019 – a workshop on Ethics & Interdisciplinary Education towards Quality of Human Life organized in collaboration with The Zoological Society, Kolkata	· Swami Divyananda, Secretary, Ramakrishna Mission Saradapitha	13 th January, 2019
	· Basab Chaudhuri, Hon'ble Vice Chancellor, WBSU	
	· Shri Samaresh Parida, CEO, SP Growth Consulting, Director IDBI Bank	

	<ul style="list-style-type: none"> · Shri Amal Kumar Mukhopadhyay, Noted Educationist, Former Principal, Presidency College · Shri Tushakanti Shil Chairman, West Bengal Council of Yoga & Naturopathy · Dr. Jhuma Basak Psychoanalyst & Assistant Professor of Psychology, NSHM Knowledge Campus · Smt. Urmimala Basu Noted Performing Artiste and Orator · Shri Debojyoti Mishra Distinguished Music Composer 	
Seminar on 'Chemistry Today' in collaboration with Indian Chemical Society, Kolkata	<ul style="list-style-type: none"> · Dr. Swadhin K. Mandal, (IISER, Kolkata), Bhatnagar Awardee 2018 · Prof B. K. Banik, P.hD., C. Chem, FRSC Vice President of Research & Education Development of the Community Health Systems of South Texas. · Prof. Samaresh Bhattacharya, FASc, WBAScT Department of Chemistry, Jadavpur University, Bhatnagar Awardee 2001 	14th January, 2019
National Level Seminar on "New methodology of NAAC assessment for quality enhancement in higher education institutes" sponsored by NAAC, Bangalore	<ul style="list-style-type: none"> · Prof. Saugata Roy, Hon'ble MP · B.S. Ponmudiraj, Eastern Region Co-ordinator at NAAC & Deputy Adviser, NAAC · Mr. Prabir Das, Member Secretary, WBCHE · Swami Bhudevananda, Principal, Ramakrishna Mission Residential College, Narendrapur. · Prof. Saikat Mitra, Vice Chancellor, Maulana Abul Kalam Azad University of Technology · Prof. Shital Kr. Chattopadhyay, Dept. of Chemistry, Kalyani University · Prof. Sudeshna Purkayastha, Professor, Dept. of History, Assam University 	22 nd - 23 rd January, 2019

	· Dr. Sajal Dey, Assistant Prof., Dept. of Russian Studies, The EFL University, Shillong Campus, Meghalaya.	
Seminar on ‘Einstein's Gravity- gravitational lensing and gravitational waves’ Organized by The Department of Physics, Ramakrishna Mission Vivekananda Centenary College, Rahara	Prof. Somak Raychaudhury, Director Inter-University Centre for Astronomy and Astrophysics	4th February, 2019
Mathematical Workshop on Isomorphism Organized by The Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dr. Arijit Ganguly, IIT Kanpur	5th February, 2019
Seminar on “Indiscriminate use of Antibiotics and its outcome”. Organized by The Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dr. Parthasarathi Ain, R.G. Kar Medicinal College Hospital, Kolkata	14 th February, 2019
Seminar on “Conservation and Bioprospecting of Medicinal Plants” Organized by The Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dr. Mathew Dan, Senior Scientist & Head, Plant Genetic Resource Division, Jawaharlal Nehru Tropical Botanic Garden & Research Institute	19 th February, 2019
A national workshop on Mathematics “Analysis, Algebraic Geometry, Number Theory and Probability” Organized by The Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	· Prof. R. Kulkarni, former President, The Indian Mathematics Consortium · Prof. D. K. Ganguly, Vice President, Calcutta Mathematical Society · Prof. Karmeshu, President, The Indian Mathematics Consortium · Prof. S. Chakraborty, Jadavpur University	23 rd and 24 th February, 2019

	<ul style="list-style-type: none"> · Prof. S.D. Adhikari, Ramakrishna Mission Vivekananda Educational & Research Institute, Belur, · Prof. Shameek Paul, Ramakrishna Mission Vivekananda Educational & Research Institute, Belur · Prof. A. Bhattacharjee, Jadavpur University 	
Recent trends in Chemical Technology	Prof. Goverdhan Meheta, Formal Director; Indian Institute of Science (IISC) Bangalore.	25 th February, 2019
Seminar on Pollination Biology	Dr. Achintya Chattopadhyaya, Zoological Survey of India	28 th February, 2019
National Science Day Celebration and 'Jijnsa' Intra College Quiz Competition	Dr. Achintya Chattopadhyaya, Zoological Survey of India	28 th February, 2019
Seminar on "Higher Education Scenario Globally: Present and Future"	Mr. Sharad Vivek Sagar, Founder and CEO of Dexterity Global	12 th March, 2019
Seminar on 'Advancement of Diarrhoeal Disease Research: Contributions by Dr. Shambhu Nath De' Organized by The Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	Prof. Manoj Kumar Chakrabarti, ICMR Emeritus Medical Scientist, Former Scientist G and Director (I/C), NICED (ICMR), Kolkata, General President, Indian Science Congress	13 th March, 2019
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, (RKMVCC), Rahara.	<ul style="list-style-type: none"> Swami Vivekananda Multidisciplinary Research Centre for Basic Sciences and Social Sciences · Sh. Ganbold. G, H. E. Ambassador of Mongolia in India · Dr. Sujit K. Ghosh, Chairman, MAKAIAS. · Dr. Srikant Mohapatra, Vice-Chancellor, Odisha State Open University · Ven. Dr. M. Medhankara Thero, Maha Bodhi Society of India · Prof. K. C. Baral, English and Foreign Languages University, 	15 th & 16 th March, 2019

	Hyderabad	
	· Dr. Suchandana Chatterjee, Senior Academic Fellow, ICHR, New Delhi	
	· Dr. Do Thu Ha , Hanoi, Vietnam	
	· Dr. Ven. Myagmarsuren Gombodroj, Ulaanbaatar, Mongolia	
	· Prof. Aiswarya Biswas, University of Calcutta	
	· Dr. Mahua Das, President, West Bengal Council of Higher Secondary education,	
	· Dr. Anup Dey, Head of the Department in English, Assam Central University	
	· Swami Supriyananda, Kuala Lumpur, Malaysia	
	· Prof. N.C. Panda, ICCR Chair, Bangkok, Thailand	
	· Prof. Prashanthi Narangoda, University of Kelniya, Sri Lanka	
	· Dr. Suresh Kumar, ICHR, New Delhi	
	Prof. Sudip Basu, Visva-Bharati, Santiniketan	
	Dr. Kirtiraj Dadarao C., Institute of Pali and Buddhist Studies, Pune	
	Dr. Sonia Jasrotia, ICCR Chair, Cambodia	
	Prof. Pradeep Kumar Mane, Pune, Maharashtra, India	
	Prof. Swapna Bhattacharya, University of Calcutta	
	Dr. Santanu Dey, Ramakrishna Mission Vidyamandira, Belurmath	
	Dr. Lauw Acep, Nalanda Buddhist College, Bali, Indonesia	
	Prof. Md. Sirajul Islam, Visva- Bharati, Santiniketan	

	Prof. Sanjib Bhattacharya, Registrar, Assam Central University	
	Prof. Om Jee Upadhyay, Director, ICHR, New Delhi	
	Dr. Suresh Kumar, ICHR, New Delhi	
	Dr. Asawari Uday Bapat, Director, Vivekananda Cultural Centre, Yangon, Embassy of India Myanmar	
	Dr. Sushma Trivedi, Lucknow University	
	Prof. Bimalendra Kumar, Benaras Hindu University	
	Swami Atmapriyananda, Vice Chancellor, Ramakrishna Mission Vivekananda Educational and Research Institute, Belurmath	
	Dr. G. Maheshwari, Director- in-Charge, Maulana Abul Kalam Azad Institute of Asian Studies	
Cheminformatics in Drug Discovery and Research	Dr. Jitesh Doshi, IIT Madras-WLC- Make-intern	16 th & 17 th April, 2019
Seminar on 'Pollination Biology'	Dr. Parthib Basu, Department of Zoology & Centre for Pollination Studies, University of Calcutta	17 th April, 2019
Bioinformatics Workshop for Biological Science	Dept. of Zoology Dr. Jitesh Doshi,	17 th & 18 th April, 2019
Seminar on 'Pollination in Mangrove Ecosystem'		18 th April, 2019
Organised by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	Prof. Punarbasu Chaudhuri, Head, Department of Environmental Science, University of Calcutta.	
Workshop on 'MOODLE'	Dr. Soumay Pal & Mr. Boudhayan Bhattacharjee, Brainware University	20 th May, 2019

Seminar on 'Condensed Matter' Organised by Department of Physics, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dept. of Physics Prof. Pinaki Majumdar, Director; Harish Chandra Research Institute, Chhatnag Road, Jhansi, Prayagraj (Allahabad)	14 th June, 2019
Seminar on 'Intellectual Property Right in Science & Technology'	IQAC Dr. Dhananjay Saha, Former Patent Officer, Govt. of India	14 th June, 2019
Workshop on Popular Science writing under AWSAR Program Jointly organised by the Department of Science and Technology (DST) and Vigyan Prasar (VP) in collaboration with Ramakrishna Mission Vivekananda College, Kolkata	Dr. Nakul Parashar, Director, Vigyan Prasar, Dr. Rintu Nath, Scientist - F and Head, Publications and Information Technology Group, Vigyan Prasar, Department of Science and Technology, Govt. of India Dr. Samir Saha Dr. Bhupati Chakrabarti	17 th June,
		2019
Seminar on 'The Chemical Bond' Organised by Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara	Dept. of Chemistry, Prof. N. Sathyamurthy, Former Director, Indian Institute of Science Education and Research	20 th June, 2019

Seminars and Conferences with sponsoring Agency:

Level	International	National	State	University	College
Number	5	4	2	0	2
Sponsoring agencies	1) MAKAIAS 1) RKMVC College	1) NAAC 2) UGC 3) Science Academies 5) ICSSR	1) RKMVC College 2) Vigyan Prasar		RKMVC College

Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	6	43	3	3
Presented papers	5	12	1	1
Resource	2	5	1	3

Persons				
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Details on research publications

	Department	No. of Publication	Average Impact Factor, if any
National	Dept. of Mathematics	1	1.7
	Dept. of Zoology	3	1.8
International	Dept. of Chemistry	4	2.6
	Dept. of Mathematics	10	1.6
	Dept. of Botany	19	2.8

Research funds sanctioned and received from various funding 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	Dr. P.K.Rana	DSTB	855300/-	275900/-
	3 years (2019-2022)			
	Dr. Bikash Chakraborty	DHESTBT, Government of West Bengal	759900	244100
	3 years			
	Dr. Harisankar Dey	DHESTBT, Government of West Bengal	1099800	502400
	3 years			
	Dr. Koutilya Bhattacharjee	DHESTBT, Government of West Bengal	1153000	404600
	3 years			
	Dr. Swapn Kumar Ghosh (Co PI)	DSTB	1999600	765800
	(2018-2021)			
	(PI: Dr. Kingshuk Das, Serampore College, Hooghly)			
	Dr. Sougata Sarkar	DHESTBT, Government of West Bengal	405000	275000
	(2018-2021)	(2018-2021)		

	Dr. Buddhadeb Dutta	DHESTBT, Government of West Bengal	300000	Nil
	(2017-2020)	(2018-2021)		
Interdisciplinary Projects	Dr. Swapan Kumar Ghosh (Co-PI)	DSTB	1265000	581400
	(2019-2022)			
	(PI: Dr. Debshankar Das, Contai P.K. College, Chemistry)			
	Dr. Swapan Kumar Ghosh (Co-PI)	DSTB	1999600	732800
	(2018-2021)			
	(PI:Dr. Biplab Modak, Sidho Kanho Birsha University, Zoology)			
	Dr. Swapan Kumar Ghosh (Co-PI)	DSTB	3992000	1613200 (2017-18)
	(2017-2020)			Yet to receive (2018-19)
	(PI: Dr. Nilanjan Chakraborty, NICED, ICMR Virus Unit)			
	Dr. Swapan Kumar Ghosh (Co-PI)	DSTB	2661600	1075800
	(2018-2021)			
	(PI:Dr. Rabindranath Boral, Chittaranjan National Cancer Institute, Kolkata, Physiology)			

	Dr. Biswajit Ghosh	RCFC-ER, NMPB, Jadavpur University	304700	304700
	6 months			
Any other(Specify)	Dr. Sougata Sarkar	SERB	1830000	250000
	3 years			
	Dr. Biswajit Ghosh	DBT, Govt. of India	1000100	4371000
	3 years			

Teachers awarded National/International fellowship for advanced studies/ research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	NIL	NA	NA	NA
International	Dr. Anirban Bhar	visiting scientist grant	01-08-2018	Natural Resources Institute Finland (Luke), Finland and University of Helsinki, Finland

Activities conducted for promotion of universal Values and Ethics

Activity	Duration	Number of participants
Skill Enhancement course on Value Education and Indian Culture	July-December 2018	228
Service Projects for students where students serve people irrespective of any distinctions of caste, creed or religion.	i) Blood Donation Camp: 29 th September, 2018	i) 150
	ii) Free Eye Operation Camp: 22-24 December, 2018	ii) 30
	iii) NSS camp for Rural Development: 22-28 December, 2018	iii) 30
	iv) Service Project on teaching, cleaning and helping the needy	iv) 330
Art Competition of Swami Vivekananda's Universal Ideas and Inspirations	12-Jan-19	25

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	260
	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	556
	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	55
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.	350
	Swami Vivekananda and Youth Published in : 2015 Book for man-making and character-building ideas of Swami Vivekananda for the youth.	260
	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.	2600

	<p>Sister Nivedita and her Contributions to India</p> <p>First Published in 2018</p> <p>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.</p>	250
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