

Research Committee

Annual Report

The Research Committee team members have actively engaged in the institution's research and extension activities during the academic years 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23. The progress of the work gauged by the faculties and students of Barasat Government College have made steady progress in various aspects of research such as in obtaining recognition as research guides, obtaining research grants from various funding agencies, travel grant for participating in seminar, symposiums, etc. number of papers published / presented, awards, honours and distinctions, such as chairing technical session at conferences, citation of appreciation and many more. Faculties of institution have made quality efforts towards promotion of research in the campus. The Post Graduate Departments of Zoology & Botany have been awarded DBT BOOST II in the year 2017 for three years for infrastructural upgradation of research laboratories. This college forges collaborations with outstanding academic and other national & international institutions to expand the student experience, faculty growth and contributions that impact on research. Few details are presented with quantitative figures as below.

A.Y. 2018-19

Committee Members

Sl. No.	Name of Teacher	Position
1.	Prof. Pradip Mukherjee	Jt. Convener
2.	Dr. Arup Bandyopadhyay	Jt. Convener
3.	Dr. Sanjoy Podder	Member
4.	Dr. Uttam Sinha Mahapatra	Member
5.	Dr. Sandip umar Patra	Member
6.	Dr. Nirmalendu Das	Member
7.	Dr. Chandan Surabhi Das	Member

1. Details regarding Major/Minor Research Project

Project details							
Sl. no.	Name of PI	Sanction no.	Funding Agency	Total Outlay	Initiation	Ongoing	Completed
1.	Dr. Sanjoy Podder Asst. Prof. in Zoology	BT/(Estt.)/RD- 19/2015 dt.14/08/2018	DBT, GOWB	24,86,000/-	-	√	-
2.	Do	84{Sanc.)/ST/P/S &T/1G-4/2016 dt.18.09.2018	DST, GOWB	17,56,000/-	-	√	-
3.	Dr. Poulami Saha, Asst. Prof. in	F.PHW-188/15- 16(ERO) dt.	UGC, ERO, Kolkata	95,000/-	-	-	2019

	Sanskrit	02.01.2017					
4.	Dr. Nirmalendu Das Assot. Prof. in Botany	112(Sanc)/ST/P/ S7T/1G-15/2014 dt/ 26.09.2018	DST, GOWB	20,35,900/-	-	√	-
5.	Dr. Dibyendu Sekhar Mahanty	F-PSW-240/15- 16 dt. 02/01/2017	UGC, ERO, Kolkata	3,10,000/-	-	-	2019

2. Project applied for, not received

Sl. No.	Name of Faculty	Funding agency under project applied for but not sanctioned	Year of submission
1.	Dr. Sumana Saha Assot. Prof. in Zoology	DSTBT, GOWB	2018-19

3. Details of Travel Grant Received

Name of Faculty : Dr. Somaditya Dey (Assistant Professor in Zoology)

- Poster presentation at ‘Gordon Research Conference on Biology of Host- Parasite Interactions,’ June, 2018, at Newport, RI, USA. [Travel Grant of INR 2, 47,447/- Recommended by University Grants Commission, India for full support]
- ECI- AAI Travel Grant award (Euro 600), from American Association of Immunologists for participating and poster presentation of the thesis work at the European congress of Immunology, September, 2018, organized by, EFIS and DSI, NVVI at Amsterdam, Netherland.

4. Achievements

- ✓ Dr. Sumana Saha, Associate Professor, Post Graduate Department of Zoology received prestigious “J. L. Bhaduri Memorial Medal for Excellence in Research 2015-16” from Zoological Society, Kolkata (award received in August, 2018).
- ✓ Dr. Anuradha Bandopadhyay, SACT-1, Post Graduate Department of Botany awarded **first prize in poster presentation** at National workshop on ‘Genomics for Microbial Diversity and Taxonomy’ (GEMTAX-2019), organized by Department of Life Science, National Institute of Technology, Rourkela, Odisha during 21-25 January, 2019.
- ✓ Dr. Sumana Saha, Associate Professor in Zoology received prestigious “**Outstanding Paper Award**” in 3rd Regional Science and Technology Congress (Southern Region), 2018 in Kolkata organised by Bidhannagar College, Govt. of West Bengal & Dept. of Science & Technology and Biotechnology, Govt. of West Bengal and subsequently again received prestigious “**Outstanding Paper Award**” in 26th West Bengal State Science and Technology Congress, 2019 at Science City Auditorium, Kolkata.

- ✓ **Chandan Surabhi Das**, Associate Professor, Department of Geography awarded **Satyendra Puraskar 2019** by The Deptt. of Science and Technology, Government of West Bengal on 28 February 2020 at Science City Auditorium, Kolkata.

A.Y.2019-20

Committee Members

Sl. No.	Name of Teacher	Position
1.	Prof. Pradip Mukherjee	Jt. Convener
2.	Dr. Sanjoy Podder	Jt. Convener
3.	Dr. Arup Bandyopadhyay	Member
4.	Dr. Uttam Sinha Mahapatra	Member
5.	Dr. Narayan Chandra Bar	Member
6.	Dr. Sandip umar Patra	Member
7.	Dr. Nirmalendu Das	Member
8.	Dr. Chandan Surabhi Das	Member

5. Details regarding Major/Minor Research Project

Project details							
Sl. no.	Name of PI	Sanction no.	Funding Agency	Total Outlay	Initiation	Ongoing	Completed
1.	Dr. Sanjoy Podder Assot. Prof. in Zoology	BT/(Estt.)/RD- 19/2015 dt.14/08/2018	DBT, GOWB	24,86,000/-	-	-	2020
2.	Do	84{Sanc.)/ST/P/S &T/1G-4/2016 dt.18.09.2018	DST, GOWB	17,56,000/-	-	-	2020
3.	Dr. Nirmalendu Das Assot. Prof. in Botany	112(Sanc)/ST/P/ S7T/1G-15/2014 dt/ 26.09.2018	DST, GOWB	20,35,900/-	-	-	2019
4.	Dr. Dibyendu Sekhar Mahanty Assist. Prof. in Botany	F-PSW-240/25- 16 dt. 02/01/2017	UGC, ERO, Kolkata	3,10,000/-	-	-	2019
5.	Do	WBBB No. 484/5K(Bio)- 6/2017 dt. 28/06/2017, Memo No. 856/5K(Bio)- 6/2017 dt. 07/09/2017 & Memo no.524/5(Bio) – 6/2017 dt. 29/03/2019	WBBB, Kolkata	2,00,000/-	-	-	2020

6. Project applied for, not received

Sl. No.	Name of Faculty	Funding agency under project applied for but not sanctioned	Year of submission
1.	Dr. Sumana Saha Assoct. Prof. in Zoology	DSTBT. GOWB	2019-20
2.	Dr. Srikanta Guria Assist. Prof. in Zoology	DSTBT, GOWB	2019-20

7. Details of Travel Grant Received

Name of Faculty : Dr. Somaditya Dey (Assistant Professor in Zoology)

- **Joint Winner of the BRIC idea exposition stipend of Rs. 25000/- (Theme: Pharmaceuticals and Nutraceuticals)**, organized by the Biotechnology Industry Research Assistance Council (BIRAC), IKP Knowledge Park (IKP), and IICB (TRUE), Salt Lake, Kolkata on 20-21st September, 2019
- **Travel grants (950\$) to early-career researchers from American Association of Immunologists** for attendance and paper presentation (poster) at the **17th International Congress of Immunology, 2019**, Beijing, China, organized by IUIS and CSI, on 19-23rd October, 2019. [Abstract published in *European Journal of Immunology*; doi.org/10.1002/eji.201970400].

8. Achievements

- ✓ **Dr. Srikanra Guria, Assistant Professor in Zoology secured First position in competitive poster presentation** in National level seminar on Global Warming & Biodiversity Conservation sponsored by West Bengal Biodiversity Board, organised by Dept. Of Zoology, Raja Peary Mohan College with SEBA on 2nd August 2019.
- ✓ **Dr. Sumana Saha, Associate Professor in Zoology secured “Second Position” in National level e-poster Competition** in COVID-19 lockdown titled “March towards better future with clean environment” jointly organized by IQAC & P.G. Department of Conservation Biology, Durgapur Government College & Durgapur Wildlife Information & Nature Guide Society (WINGS) held from 5-12 June, 2020 on the occasion of World Environment Day Celebration.

A.Y.2020-21

Committee Members

Sl. No.	Name of Teacher	Position
1.	Prof. Pradip Mukherjee	Jt. Convener
2.	Dr. Sanjoy Podder (Resigned from service on 20.7.2020)	Jt. Convener
3.	Dr. Arup Bandyopadhyay	Member

4.	Dr. Uttam Sinha Mahapatra	Member
5.	Dr. Narayan Chandra Bar	Member
6.	Dr. Sandip umar Patra	Member
7.	Dr. Nirmalendu Das	Member
8.	Dr. Chandan Surabhi Das	Member

Prevailed Lock Down Period due to Covid-19 Pandemic

9. Project applied for, not received

Sl. No.	Name of Faculty	Funding agency under project applied for but not sanctioned	Year of submission
1.	Dr. Nirmalendu Das Assoct. Prof. in Botany	DST, GOWB	2020-2021

10. Achievements

- ✓ **Dr. Madhuchhnda Bhattacharyya**, Associate Professor in the Department of Philosophy received the **International award of Distinguished Women Researcher in the field of Philosophy** conferred by Venus International Foundation, Center of Advanced Research and Design on 6.3.2021.
- ✓ **Dr. Sumana Saha**, Associate Professor in Zoology awarded “**First Prize**” for Poster presentation in International e-Conference ‘Conservation of Wild Taxa : Present Scenario’ organized by Dept. of Botany, Shri Yashwantrao Patil Science College, Solankur, Dist. Kolhapur, Maharashtra, February 5, 2021.

A.Y.2021-22

Committee Members

Sl. No.	Name of Teacher	Position
1.	Prof. Pradip Mukherjee	Convener
2.	Dr. Arup Bandyopadhyay	Member
3.	Dr. Uttam Sinha Mahapatra	Member
4.	Dr. Narayan Chandra Bar	Member
5.	Dr. Sandip umar Patra	Member
6.	Dr. Nirmalendu Das	Member
7.	Dr. Chandan Surabhi Das	Member

Prevailed Lock Down Period due to Covid-19 Pandemic

11. Details regarding Major/Minor Research Project

Project details							
Sl. no.	Name of PI	Sanction no.	Funding Agency	Total Outlay	Initiation	Ongoing	Completed
1.	Dr. Sudip Mukherjee, Assist. Prof. in Physics	CRG/2021/001875	SERB, DST, GOI	5,54,000/-	√	-	-
2.	Do	TAR/2021/000170 dt. 11.01.2022	SERB, DST, GOI	18,30,000/-	√	-	-

12. Achievements

- ✓ Dr. Jaydip De, Assistant Professor in Geography obtained the **Best Speaker Award** in the International Workshop on Geography and Sustainability, hosted by the International Geographical Union (IGU) organised by the Faculty of Geographical Science, Beijing Normal University and The Geographical Society of China. This online event was held on 23rd & 24th November 2021.

A.Y.2022-23

Committee Members

Sl. No.	Name of Teacher	Position
1.	Dr. Sumana Saha	Jt. Convener
2.	Dr. Ambarish Ray	Jt. Convener
3.	Dr. Chandan Surabhi Das	Member
4.	Dr. Sudip Mukherjee	Member
5.	Dr. Shobhan Mondal	Member
6.	Dr. Ivy undu	Member
7.	Dr. Jayati Ghosh	Member

13. Project applied for, not received

Sl. No.	Name of Faculty	Funding agency under project applied for but not sanctioned	Year of submission
1.	Dr. Nirmalendu Das Assoct. Prof. in Botany	SERB, DST,GOI	2022-23

14. Details of Travel Grant Received

Name of Faculty : Dr. Nirmalendu Das (Associate Professor in Zoology)

- Participated to the **International Seminar** entitled “Contaminated Sites 2022” held during **12-14th October, 2022** at Trnava, Slovak Republic, supported by **travel grant from SERB, GOWB.**

15. Achievements

- ✓ **Dr. Samar Chattopadhyay**, Principal, BGC awarded “**Gyan Probhakar Award 2022**” based on contribution in the field of education and allied subjects, and by the recommendation of the Governing Council of The Antioxidant Society of India.
- ✓ **Sri Dibyendu Sekhar Mahanty**, Assistant Professor in Botany has received an award for **Best Oral Presentation** in the International Conference on Environment, Forestry and Sustainable Agriculture Paper Presentation organized by St. Xavier's College, Ranchi. Held on 14-16th November 2022.
- ✓ **Dr. Sudip Mukherjee**, Assistant Professor in Physics enjoyed **Guest Scientist fellowship**, Max Planck Institute for the Physics of Complex Systems, Dresden, Germany for the period from 19th November 2022 to 19th December 2022.
- ✓ **Dr. Srikanta Guria**, Assistant Professor of Zoology secured **First position in Oral Presentation** in Two-day National Seminar on Recent Trends in Biochemistry and Molecular Biology, Organized by Department of Chemistry, Zoology and Microbiology In collaboration with IQAC, Rishi Bankim Chandra College, Naihati. held on 27-28th April 2023.

16. Yearwise Research Publications :

Year	e-journal paper	Book/Chapter/Full Proceeding
2018	34	8
2019	46	7
2020	31	14
2021	49	15
2022	57	20
2023	41	25
Total	258	
	UGC Care journal = 205	

17. List of Ph.D. Supervisor Academic Year: Till 2022-23

Name of approved Ph.D. Supervisor	Designation	Affiliated University	Year of Recognition as Research Guide	No. of Scholars	Year of registration of the scholar
Dr. Pradip Mukherjee	Professor in Physics	WBSU	2018	Abdus Sattar	2020-21
				Sk Moinuddin	2022-23 [Regn no: 10022416123000032
Dr. Chandan Surabhi Das	Associate Professor in Geography	WBSU	2017	Gargi Sarkar	2019 [Regn No: 10019445211000019 of 2019]

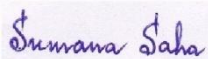
				Swapan Paul	2019 [Regn No: 10019445113000020 of 2019]
				Semanti Das	2019 [Regn No: 10019445214000024 of 2019]
				Dipanwita De	2019 [Regn No: 10019445214000025 of 2019]
				Pritam Sarkar	Not yet register
Dr. Sanjoy Podder	Associate Professor in Zoology (resigned from service on 20.7.2020)	Calcutta University	2017	Piu Banerjee (WBDST-SRF Fellow)	Documents not found Awarded Ph.D. in 2022
		Calcutta University	2017	Arghya Laha (CSIR-JRF-SRF Fellow)	2019 [Regn. No. 00980/Ph.D.(Sc.)Proceed/2019] Awarded Ph.D. in 2023
		Burdwan University	2017	Priti Mondal (WBDBT-SRF Fellow)	2019 [Regn. No. R-Ph.D./Regn./Sc/ZOO/172 dt. 23.7.2019] Awarded Ph.D. in 2021
Dr. Abhijit De	Associate Professor in Physics	WBSU	2015	No Scholar Yet	NA
Dr. Nirmalendu Das	Associate Professor in Botany	ST. Xavier's College, Kolkata	2019	Chandana Paul	2020-21
Dr. Srijit Bhattacharya	Associate Professor in Physics	Bankura University	2020	Enakshi Senapati	2020-21
		WBSU	2022	Nazmus Sakib	2022-23 [Regn No: 10022416123000030]
Dr. Sautrik Basu	Assistant Professor in Botany	WBSU	2017	Sri Dibyendu Sekhar Mahanty (Registered under the joint supervision of Prof. J. Adhikari & Dr. S Basu)	2017 [Regn No: 10017421114000031 of 2017]
Dr. Sudip Mukherjee	Assistant Professor in	WBSU	2022	Atri Goswami	2022-23 [Regn no: 10022416114000031]

	Physics	University of Calcutta	2022	No Scholar Yet	NA
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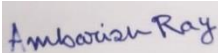
18. Publication of AUREOLE – An Academic Journal

As corona virus pandemic disrupted researchers' working lives during 2020-21 & 2021-22, it was not possible to publish regular volume/s of Aureole – An Academic Journal of Barasat Government College due to lack of sufficient contributing research/review papers. Members of Publication Committee again take initiative to publish backlog issues (2022 Vol. 8 & 9) alongwith the current one (2024 Vol. 10) shortly.

Jt. Conveners



Dr. Sumana Saha
&



Dr. Ambarish Ray



Principal
Barasat Government College