

**ANNUAL REPORT OF
BARASAT GOVERNMENT
COLLEGE**

PUBLISHED BY IQAC

2021-22

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A. MAJOR ACHIEVEMENTS

- The IQAC in collaboration with the college authorities have been successfully able to execute a smooth transition from the **online to the offline mode**. After a prolonged closure of the college campus for almost one and a half years, sanitizing the premises, cleaning the campus, reorganizing the classrooms and reviving the electrical and electronic equipment were a daunting task. All of it was successfully executed within a short span of time by creating monitoring committees and holding meetings with the stakeholders involved.
- The academic pursuit of the students and teachers have been severely affected during the pandemic. Long absence from the academic atmosphere of the college, the system of online teaching, lack of direct communication etc. have demotivated both the students and teachers to a large extent. The IQAC in consultation with the teachers decided on a list of **commemorative days** at the start of the academic session to be celebrated by the various departments throughout the year through seminars, magazine, webinars, panel discussions etc. This helped the students and teachers to reorient themselves towards the rigor and discipline of academics.
- Other than academic pursuits, the IQAC organized several **seminars** on topics of immense importance in current times such as cyber-crime, intellectual property rights etc. both for the students, teachers and non-teaching staff of the college by arranging experts on the field as speakers.
- Numerous **magazines** were published by different departments of the college as well as NSS. The objective was to involve students in researching, compiling and writing on various academic topics and learning to present it in a compact manner.
- To spread awareness about gender related issues like sexual harassment, gender identity, women's empowerment etc the Internal Complaints Cell and Gender Sensitization Committee has organized 6 intimate **gender sensitization workshops** involving more than 250 newly admitted students of different departments.

B. RESEARCH PUBLICATIONS of CALENDAR YEAR 2021

Total Number: 50

Sl. No.	Title of paper	Name of the author/s	Department	Name of journal
1	Impact of pesticide tolerant soil bacteria on disease control, plant growth promotion and systemic resistance in cowpea	Bandopadhyay, A., Roy, T., & Das, N.	BOTANY	Journal of Environmental Engineering and Landscape Management
2	Comparative study of biochemicals and antioxidant activities of two wild edible mushrooms <i>Russula gnathangensis</i> and <i>Ramaria thindii</i> from Sikkim Himalayas, India	Chandana Paul and *Nirmalendu Das	BOTANY	Mushroom Research 30 (1) : 41-48, 2021
3	Purification, Spectral analysis and characterization of r-phycoerythrin pigment from <i>Solieria robusta</i> (Greville) Kylin <i>Ficus L.</i> as a Keystone genus in Sacred groves for sustaining Avian diversity: A case study in Some parts of Lower Gangetic Plain	Dibyendu Sekhar Mahanty	BOTANY	Indian Journal of Applied & Pure Biology, Vol-36(1)103-114
4	Diverse synthesis of pyrrolo/indolo[3,2-c] coumarins an isolamellarin-A scaffolds: a brief update	Khokan Samanta, Prasanta Patra, Gandhi Kumar Kar, Shaisab Kumar Dinda, Dibyendu Sekhar Mahanty	BOTANY	New Journal of chemistry
5	Roadside vegetation in and around the Megacity of Kolkata along an urbanisation gradient.	Narayan Chandra Karmakar, Jayita Ballav & Anjan Hazra	BOTANY	Acta Botanica Hungarica, Vol-63(1-2):77-86
6	Comparative analyses of the nutraceutical potentialities of selected Indian traditional black rice (<i>Oryza sativa L.</i>) landraces	Roy, P., Deb, D., Pradeep, T., Talai Mukhopadhyay, S. et al.	BOTANY	Oryza, Vol-58(2)295-309
7	Does Air Quality influence the spread of the SARS - COV2 in metropolitan cities? - A Case study from urban India	Souradip Basu, Rajdeep Das, Sohini Gupta and Sayak Ganguli	BOTANY	Current World Environment, Vol-16(2):628-648
8	Exomorphological Variation in <i>Gaultheria fragrantissima</i> Wall. (Ericaceae: Vaccinioideae) in India: A Micromorphological Solution from Leaf Stomata and Pollen Morphology	Subhasis Panda, T Majumder, D.S. Mahanty	BOTANY	Indian Journal of Applied & Pure Biology, Vol-36:167-179
9	<i>Ficus L.</i> as a Keystone genus in Sacred groves for sustaining Avian diversity: A case study in Some parts of Lower Gangetic Plain	Dibyendu Sekhar Mahanty	BOTANY	Indian J. Applied & Pure Bio. Vol. 36(1), 115-127 (2021).

10	Foreign Investment and the Domestic Economy : The Case of India	Rajnarayan Gupta	ECONOMICS	The Indian Journal of Economics
11	Measuring Livelihood Sustainability by PCA in Indian Sundarban	Dipanwita Dey & Chandan Surabhi Das	GEOGRAPHY	Environment, Development and Sustainability (Springer)
12	Importance of Urban Parks on Human Life: A Study on Two Selected Parks in Kolkata Metropolitan Area, India	Jaydip De	GEOGRAPHY	Hill Geographer
13	Long-term monitoring of urban and peri-urban agricultural dynamics of Kolkata Metropolitan Area, India using open source geospatial technologies	Mazumder, S. , Saha, J., Nandi, G., Naskar, M., Gayen, J., Datta, D	GEOGRAPHY	SN Applied Sciences
14	An investigation of groundwater vulnerability in the North 24 parganas district using DRASTIC and hybrid-DRASTIC models: A case stud	Swapan Paul & Chandan Surabhi Das	GEOGRAPHY	Environmental Advances
15	Delineating the coastal vulnerability using Coastal Hazard Wheel: A study of West Bengal Coast, India	Swapan Paul & Chandan Surabhi Das	GEOGRAPHY	Regional Studies in Marine Science (Elsevier)
16	Romesh Chandra Dutt: Akjon Bangalir ICS Hoye Othyer Itihas Vol. IX, No 1	Dr. Balaram Das	HISTORY	'Itikotha' Vol. IX, No 1
17	Life and Works of Savitribai Phule: A Short Historical Analysis	Dr. Balaram Das	HISTORY	'Athena' Vol. V,
18	Bangla Bhasachorchai Bangali I C.S. Romeshchandra Dutta'	Dr. Balaram Das	HISTORY	'HERITAGE' Vol. VIII,
19	Romesh Chandra Dutter songsar o somaj....gramin somaj	Dr. Balaram Das	HISTORY	ANTARMUKH, vol 10, issue-4
20	A generalized form of the Raychaudhuri equation	Indranath Bhattacharyya and Saibal Ray	MATHEMATICS	Int. J. Mod. Phys. D
21	Some Discrete Distribution Results based on Generalized Residual Entropy	Prasanta Paul	MATHEMATICS	Bulletine of the Calcutta Mathematical Society
22	Some Characterizations using Generalized Past Entropy Measure	Prasanta Paul	MATHEMATICS	Journal of Maharaja Sayajirao University of Baroda
23	New fixed point results in I-generalized metric space by generalized Geraghty contraction	Sunil Suman and Jayanta Biswas	MATHEMATICS	Webology

24	I2-metric spaces and some fixed point results	Sunil Suman, Jayanta Biswas , Himanshu Kumar Pandey	MATHEMATICS	The journal of oriental research madras
25	Proton entropy excess and possible signature of pairing reentrance in hot nuclei	Balaram Dey, Srijit Bhattacharya , et al	PHYSICS	Physics Letters B 819, 136445 (2021). IF:4.711
26	Puzzle of collective enhancement in the nuclear level density.	Deepak Pandit, Balaram Dey, Srijit Bhattacharya , et al.	PHYSICS	Physics Letters B816, 136173 (2021). IF:4.711
27	Canonical Formulation for a Non-relativistic Spinning Particle Coupled to Gravity	R.Banerjee, and P.Mukherjee	PHYSICS	Class. Quant. Grav
28	Canonical formulation of a new action for a nonrelativistic particle coupled to gravity	R.Banerjee, and P.Mukherjee	PHYSICS	Phys. Rev. D
29	New approach to the study of nonrelativistic bosonic string in flat spacetime	R.Banerjee, S.Moinuddin and P.Mukherjee	PHYSICS	Phys. Rev. D
30	First-principles investigation of the metal-insulator transition in rutile RuO ₂	Sarajit Biswas	PHYSICS	Thin Solid Films
31	A DFT Study of the Electronic, Magnetic and Structural Properties of Rutile VO ₂	Sarajit Biswas	PHYSICS	PNAS (India) A
32	First-principles study of the electronic and magnetic properties of Ti-substituted K ₂ Cr ₈ O ₁₆	Sarajit Biswas and Molly De Raychaudhury	PHYSICS	Materials Today: Proceedings
33	Metal-insulator transition in Cr-doped hollandite vanadate K ₂ Cr ₈ O ₁₆	Sarajit Biswas and Molly De Raychaudhury	PHYSICS	IOP Conference Series: Materials Science and Engineering
34	Nuclear Data Sheets for A=219	Srijit Bhattacharya in B Singh et al,	PHYSICS	Nuclear Data Sheets. 175,150-268 (2021). IF: 10.941.
35	No signature of the saturation of giant dipole resonance width in medium-mass nuclei	Srijit Bhattacharya in S Mukhpadyay et al.	PHYSICS	Physical Review C 104 (3), L031304 (2021) (PRC Letter). IF: 4.211
36	Effect of high angular momentum on h/s of nuclear matter	Srijit Bhattacharya , D Pandit, B Dey, et al.	PHYSICS	Phys. Rev. C

37	Conserved Kardar-Parisi-Zhang equation: Role of quenched disorder in determining universality	Sudip Mukherjee	PHYSICS	Physical Review E
38	Scaling or multiscaling: Varieties of universality in a driven nonlinear model	Sudip Mukherjee , Abhik Basu	PHYSICS	Physical Review E
39	The Ising universality class of kinetic exchange models of opinion dynamics	Sudip Mukherjee , Soumyajyoti Biswas, Arnab Chatterjee, Bikas K Chakrabarti	PHYSICS	Physica A
40	Organized Informality: The Politics of Recruitment of Industrial Informal Workers in Durgapur	Sreemoyee Ghosh	POLITICAL SCIENCE	Anveshi (Broadsheet)
41	মহাভারতে দীর্ঘতমা ঋষির কথা	Aditi Bhattacharya	SANSKRIT	এবং মছয়া
42	Neem Leaf Glycoprotein Activates Igm-Secreting B1 Cells In Peritoneal Cavity And Spleen Of Swiss Mice.	Enamul Haque	ZOOLOGY	Uttar Pradesh Journal Of Zoology. 42(20): 30-34
43	REDESCRIPTION OF TREMATODE PARASITES FOUND IN CHANNA PUNCTATA BLOCH, 1793 WITH AN EMPHASIS ON SCANNING ELECTRON MICROSCOPY STUDY	IVY. KUNDU , P. K. BANDYOPADHYAY AND D. R. MANDAL	ZOOLOGY	UTTAR PRADESH JOURNAL OF ZOOLOGY[ISSN: 0256-971X (P)], 42(7): 10-24, 2021
44	Results of Seasonal Change on Physical and Chemical Properties of Borehole Water of Schools in Barasat, North 24 Parganas, West Bengal.21)	J. Ghosh , M. Das	ZOOLOGY	International Journal of Scientific Research in Multidisciplinary Studies, 7(9), 30-37. IARC IF:1.602 (online published on 30/Sept/20
45	Potential anti-leishmanial activity of a semi-purified fraction isolated from the leaves of Parthenium hysterophorus.	Joydip Ghosha, Sondipon Chakrabortya, Somaditya Dey , Debarati Mukherjee, Biswajyoti Sarkar, Suvadip Mallick, Aratri Dutta , Tanmoy Dutta, Soumen Bhattachrjee, Narayan Ghorai, Chiranjib Pal	ZOOLOGY	Acta Parasitologica; (Accepted; https://doi.org/10.1007/s11686-021-00416-1); Impact factor: 1.1. (Joint 1st author).
46	Morphological Alterations in Haemocytes of Adult American Cockroach, Periplaneta americana (Linnaeus) (Insecta: Blattodea: Blattidae) in Response to Thermal Stress and Induced Infection.	Shrubawati Sarkar, Jayati Ghosh	ZOOLOGY	International Journal of Scientific Research in Biological Sciences, 8(5), 1-7. IARC IF: 2.340 (online published on 31st October, 2021)

47	Morphofunctional Analysis of Hemocytes in Insects (Orthoptera) Collected from Murti and Adjoining Areas (Dooars) and Different Agricultural Fields of North 24 Parganas, West Bengal.	Srikanta Guria	ZOOLOGY	Journal of Advanced Scientific Research, 12(4) Suppl 1: 321-323.UGC CARE listed sr. no. 211
48	On the Taxonomy of Cattleyard Dung Inhabiting Coprine Beetles	Sumana Saha and Dinendra Raychaudhuri	ZOOLOGY	Romanian Journal of Biology-Zoology, 2021; 66(1-2) : 61-72
49	Tiger Beetles (Coleoptera: Carabidae: Cicindelinae) : The racecars of the insect world recorded from tropical forests of foothills of Eastern Himalaya.	Sumana Saha and Dinendra Raychaudhuri	ZOOLOGY	International Journal for Innovative Research in Multidisciplinary Field, 7(7) : 161-177. [IC Value: 86.87; Impact Factor: 6.719]
50	Dung beetles: key to healthy pasture? An overview	Sumana Saha , Arghya Biswas, Avirup Ghosh & Dinendra Raychaudhuri	ZOOLOGY	World Scientific News, 153 (2) : 93-123 [ICV : 98.95]

C. BOOKS/CHAPTERS PUBLISHED/PAPERS IN CONFERENCES

Calendar Year 2021

Total number: 15

Sl. No.	Name of the teacher	Title of the book/chapters published/conference	Title of Paper
1	M. Halder and S. Jha	Plant Cell and Tissue Differentiation and Secondary Metabolites. Reference Series in Phytochemistry.	Morphogenesis, Genetic Stability, and Secondary Metabolite Production in Untransformed and Transformed Cultures
2	M. Halder, A. Majumder, S. Ray and S. Jha	Medicinal Plants: Domestication, Biotechnology and Regional Importance	Medicinal Plant Research at Crossroads: Biotechnological Approaches for Conservation, Production and Stability in Tissue Cultures and Regenerated Plants. In
3	C. Paul., M. Maitra and N. Das	Hand Book of Agriculture & Plant Sciences.	An Overview of Endophytic Bacteria in the Production of Bioactive Compounds of Nutraceutical Importance
4	S. Mondal., S. Gupta., M. Singh., S. Pal., K. Das., M. Mitra Ghosh., S.S. Bagchi., S. Ganguli	Microbial Metatranscriptomics Below ground	A Pipeline for Assessment of Pathogenic Load in the Environment Using Microbiome Analysis
5	Chandan Surabhi Das	Biswaparichay by Rabindranath Thakur (Bengali) Revision & Annotation	-
6	Chandan Surabhi Das	An Evolution of Geographical Thought (Bengali)	-
7	Chandan Surabhi Das	NSOU, CC-GR-03	-
8	Bidyut Pramanik	Gatishil Jalavayavidya	-
9	Chandan Surabhi Das	Mangroves: Ecology, Biodiversity and Management	Livelihood of Forest Dependent Dwellers in Relation to the Exploitation of Resources at the Fringe of Indian Sundarban
10	Dhananjay Roy	Advances in Medical Physics and Healthcare Engineering	Aluminum-Doped Nano-Zinc Oxide Can act as good carrier for Biomedicine
11	Srijit Bhattacharya	Advances in Medical Physics and Healthcare Engineering	Investigation of size evolution of silver nanoparticle and its use in medical field.
12	Sreemoyee Ghosh	Chapter title: Gandhi's Notion of Swaraj: A Tool for Introspection in Our Times of Living in Sandipan Sen & Indrashis Banerjee (ed) -Revisiting Gandhi in Our Times	--
13	Aditi Bhattacharya	কালের প্রেক্ষাপটে বিনির্মাণ সাহিত্য ও সংস্কৃতি	ত্বষ্টা ইন্দ্র ও বৃত্র
14	Aditi Bhattacharya	Philosophy Religion and Culture in Ancient and Medieval Indian Tradition	মহাভারতে পুরুষার্থ
15	Kisalay Jana	Book- Bhabuker Kolom	-

D. AWARDS RECEIVED BY COLLEGE/FACULTY

(2021 - 2022)

Total Number: 02

Sl. No.	Name of Awardee	Name of the Award/ recognition	Name of the Awarding body
1	Barasat Govt College	Kanyasree Award	Department of Women and Child Development and Social Welfare, Govt of West Bengal, 14.08.2021
2	Mr. Jaydip De, Assistant Professor in Geography, Barasat Govt College.	Best Speaker Award	International Workshop on Geography and Sustainability, hosted by the International Geographical Union (IGU). The online event organized by the Faculty of Geographical Science, Beijing Normal University and The Geographical Society of China. 23 - 24 November, 2021.



E. COLLABORATIVE WORK & MOU'S SIGNED BY THE INSTITUTION 2021-22

Total number: 14

SL.NO.	ORGANISATION	ACTIVITIES
1	Variable Energy Cyclotron Centre, Kolkata, India	Collaborative Research
2	Department of Zoology, University of Calcutta	Collaborative Research & Publications
3	Department of Agricultural Biotechnology, IRDM Faculty Centre, Ramakrishna Mission Vivekananda Educational and Research Institute Narendrapur, Kolkata	Collaborative Research & Publications
4	Gour Banga University	Collaborative Research & Ph.D. Supervisor
5	IIT Madras	Collaborative Research & publication
6	IEST, Shibpur	Collaborative Research & publication
7	Dept of Microbiology St. Xavier College	Collaborative Research & Ph.D. Supervisor
8	P K College, Contai, University of Calcutta	Collaborative Research & Publications
9	Dept of Physics, Bankura University	Collaborative Research & Ph.D. Supervisor
10	Saha Institute of Nuclear Physics	Collaborative Research
11	Bhatter College, Dantan	Collaborative Research & Publications
12	IIT, Guwahati	Collaborative Research & Publications
13	Egra SSB College, Egra	Collaborative Research & Publications
14	MoU with Barasat Municipality	Organizing different awareness programs in the area of Saradapally, the Adopted Slum.

**F. VALUE ADDED/ ADD ON COURSES OFFERED BY
BARASAT GOVERNMENT COLLEGE
(2021-22)**

Total Number: 04

Sr. No.	Name of Value added / Add on course offered by the Institute	Course Code	Academic Session of offered course	Period	Number of Students
1	Soft Skill & Computer Application	BGC/CCESPC/VAP /2021	2021-22	22.09.2021 to 30.09. 2021	35
2	Quick Guidance for Competitive Examinations and ICT Applications	BGCVAC001/2021-22	2021-22	22.10.2021 to 28.10.2021	265
3	Waste Management Practices and Sustainable Living	BGCVAC002/2021-22	2021-22	29.10.2021 to 13.11.2021	288
4	Artist in me	BGCNSSVAC001/21-22	2021-22	01.06.2022 to 13.06.2022	57

G. SEMINARS CONDUCTED BY THE COLLEGE IN 2021 – 2022

Total Number: 33

Sl. No.	Name of Workshop/Seminar	No. of Participants	Date
1	Special Lecture: “The Great Household: Domestic Life in Renaissance England” Speaker: Dr.DebapriyaBasu, Department of Humanities and Social Sciences, IIT Guwahati	40	02.07.2021
2	Special Lecture: “Train to Partition: Reflections on a Narrative Shorthand and the Limits of Representing Violence” Speaker: Dr.Rituparna Roy, Heritage College, Kolkata	75	05.07.2021
3	Seminar on World Zoonoses Day: An awareness initiative Dept. of Zoology (4 posters selected)	25	06.07.2021
4	Special Lecture (in Collaboration with Gender Sensitization Committee): “Should Men Worry About Patriarchy?” Speaker: Professor Niladri R. Chatterjee, Department of English, Kalyani University	81	18.07.2021
5	5 Days Workshop: Organised by Dept. of Philosophy in collaboration with IQAC & WBSU Topic : Reflections on some Philosophical Issues: 'East and West'	50	24.06.2021 to 05.07.2021
6	Title of the Programme: ‘Tumi robe Nirobe’ (Smorone 22she Shabdon)	56	08.08.2021
7	One Day National Webinar on Lockdown, Social Security and Perspective organized by Department of Economics. Speakers: Dr.Surajit Das, Centre for Economic Studies and Planning, Jawaharlal Nehru University and Atreyee Pal, Assistant Professor, Department of Commerce, University of Kalyani	119	11.09.2021
8	When Chemistry Meets Biology: A Perspective a one-day online seminar Speaker: Dr.Rajat Banerjee, Associate Professor Department of Biotechnology and Dr B C Guha Centre for Genetic Engineering and Biotechnology, University of Calcutta, organized by Department of Chemistry	40	21.09.2021
9	National Level Webinar on “Classification And Phylogeny Of Algae Explained Through Endosymbiotic Theory” Speaker: Prof. Samit Ray, ViswaBharati, Shantiniketan, organized by Department of Botany	62	28.09.2021
10	International webinar on comprehensive current approaches to oncogenetics& pollination ecology Speakers: Dr.Sayan Chakraborty, Assistant Professor & NMRC Young Investigator, Institute of Molecular & Cell Biology, A-STAR, Singapore and Dr.Priyadarshini Chakrabarti Basu, Assistant Professor, Pollinator Health & Apiculture, Department of Biochemistry, Molecular Biology, Entomology & Plant Pathology, Mississippi State University, USA.	150	01.10.2021

11	<p>“Celebrating 100 years of insulin discovery: advances and opportunities in diabetes research” on November 24th, 2021. The Speakers (i) DR. ANIRBAN SINHA, Assistant Professor, Department of Endocrinology, Medical College, Kolkata Topic: RECENT ADVANCES IN INSULIN AND DELIVERY TECHNOLOGY IN DIABETES and (ii) DR. PARTHA CHAKRABARTI, Principal Scientist, Cell Biology & Physiology, CSIR-IICB, Kolkata Topic: INSULIN AND INDIAN DIABETES: IDEAS AND EXPERIMENTS</p>	120	26.11.2021
12	<p>Webinar on Human Rights Speakers: Dr.Aneek Chatterjee and Students Organized by Department of Political Science</p>	44	15.12.2021
13	<p>Special Lecture: “What is the Use of a Book without Pictures? The Alice Books and the History of Children’s Literature in English” by Dr.Gargi Gangopadhyay, Department of English, Ramakrishna Sarada Mission Vivekananda Vidyamandir</p>	34	16.12.2021
14	<p>(Online lecture) by Dr.Suchismita Khanra (Joardar), Assistant Professor of Sanskrit, Victoria Institution (College)Kolkata</p>	56	18.12.2021
15	<p>"KobirSongeKobitarSonge" an Online Seminar on Bengali Poets of 50s, 60s and 70s. Speakers: Shyamal Jana, Soumitra Basu, Professor Adip Ghosh and SanjoyMukhopadhyay Organized by Dept. of Bengali</p>	78	07.01.2022 & 08.01.2022
16	<p>World NTD day Celebrationand awareness initiative on “Neglected Tropical Disease Day” (30/01/2022), Beat NTDs. For good for all we can combat NTDs’Together DR. MADHUMITA MANNA, WBSES, Additional Director of Public Instruction (Administration) Organized by Dept. Of Zoology</p>	150	29.01.2022
17	<p>Seminar on “Introduction to the World of Relativity” organized by Department of Mathematics</p>	50	21.02.2022
18	<p>DEPARTMENTAL SEMINAR ON আগামী প্রজন্মের জন্য জীব বৈচিত্রের রেখচিত্র On THE OCCASION OF BHASHA DIBASH by Prof.AnilavaKaviraj Organized by Dept. of Zoology</p>	40	21.02.2022
19	<p>Celebration of ‘BhashaDibash’ Organized by Dept. of Chemistry</p>	20	21.02.2022
20	<p>One Day Seminar on India’s 75 Years of Economic Development: Challenges and Way Forward Speaker: Ms. Kaushiki Banerjee Organized by Department of Economics</p>	20	21.02.2022
21	<p>“Uttarbanger Cha SromikErJibon O Arthoniti” Speaker: Dr.Ajit Kr. Sil, Associate Professor, Department of Geography,BhairabGanguli College organized by dept of Geography</p>	36	21.02.2022
22	<p>International Mother Language Day by Dept. of Bengali</p>	68	21.02.2022
23	<p>Measuring biological interactions using spectroscopic techniques ; A one day webinar Speaker: Dr. Tapas Halder,Post-doctoral fellow,Emory University, USA Organized by Department of Chemistry</p>	42	24.02.2022
24	<p>A natural lab beyond the clouds: Practicing science, policy and conservation in the Indian Himalayas: a one-day online seminar by Dr. Abhishek Ghoshal, Conservation Scientist, Bombay Natural</p>	40	01.03.2022

	History Society, India Organized by Department of Chemistry		
25	Webinar- Intellectual Property Rights (IPR) Awareness Program- NIPAM-Govt. of India, Ministry of Commerce & Industry- Coordinated by IQAC & Dept. of Physics	75	01.03.2022
26	Webinar on National Science Day Celebration 2022 (NSDC 2022) organised by Dept. of Physics, Bhattar College, Dantan, PaschimMedinipur, WB in collaboration with Dept. of Physics, Barasat Government College	80	06.03.2022
27	An Interdisciplinary Seminar on “The Gendered World: Women in India” on the occasion of International Women’s Day, organized jointly by Department of Political Science and History.	60	08.03.2022
28	Awareness Programme on Voting Right to observe National Voters’ Day, Organized jointly by Department of Political Science and History.	127	14.03.2022
29	International women's day Organised by dept. Of philosophy in collaboration with icc of college on the topic "gender sensitisation"	60	24.03.2022
30	International Immunology Day 2022 An academic Seminar has been arranged by Department of Zoology, BGC to celebrate International Immunology Day 2022 (APRIL 30, 2022). Speaker was Dr SyamdasBandyopadhyay, Assistant Professor, Dept of Zoology, Burdwan Raj College.	63	30.04.2022
31	রুদ্রদামারজুনাগড় 3 days seminar by Smt. SuparnaSengupta, Assistant Professor of Sanskrit, Sister Nibedita Govt. General Degree College for Girls, Alipore by Smt. SuparnaSengupta, Assistant Professor of Sanskrit, Sister Nibedita Govt. General Degree College for Girls, Alipore	35	10.05.2022, 12.05.2022 & 20.05.2022
32	Environment Day – Only One Earth To The End of Only One Earth: A Voyage To Antarctica: A talk by Dr.Punarbasu Choudhury, Assistant Professor, Department of Environmental Science, University of Calcutta organized by Department of Geography.	100	06.06.2022
33	Seminar on ‘ARSENIC CONTAMINATION IN ENVIRONMENT: APPROACHES TO REDUCE THE ARSENIC LEVEL IN RICE GRAINS’ -Speaker-Dr. Debasis Chakrabarty. Senior principal Scientist and professor AcSIR, NBRI, Lucknow.	44	09.06.2022

H. STUDENT AWARDS IN SPORTS/ CULTURAL/ OUTREACH EVENTS (2021 - 2022)

Total events: 04

Sl. No.	Name of the event	Name of the student participated
1	1st Position in District Level Quiz competition West Bengal State AIDS Prevention & Control Society	Aahili Dutta, Avik Chatterjee
2	Gold in Shotokan Karate Kataand Kicking Championship 2022	Ananya Ghosh
3	1st Position in Young Economist Student's Meet	Mosammat Gulsanara Khatun
4	3rd Position in Quiz Contest organized by West Bengal Pollution Control Board	Pritikana Sinha, Tanushri Saha, Sriparna Pakira



I. GENDER SENSITIZATION AND AWARENESS PROGRAMMES

(2021-22)

Total Number - 11

Sl.No.	Date	Event	No. of participants
1	18.07.2021	“Should Men Worry About Patriarchy?”: Special Online Lecture by Prof Niladri Chatterjee	80
2	24.7.2021	Orientation Programme on „Gender Spectrum: Debates and Illusions“ (NSS)	62
3	08.03.2022	An Interdisciplinary Seminar on “The Gendered World: Women in India” on the occasion of International Women’s Day, organized by Department of Political Science and History.	60
4	08.03.2023	Celebration of International Women’s Day (Philosophy)	45
5	06.06.2022	Gender Sensitization on LGBTQ+ Identities (NSS)	49
6	03.02.2022	Gender Sensitization workshop conducted in Department of Political Science by ICC	18
7	24.03.2022	Gender Sensitization workshop conducted in Department of Chemistry by ICC	32
8	24.03.2022	Gender Sensitization workshop conducted in Department of Philosophy by ICC	81
9	31.03.2022	Gender Sensitization workshop conducted in Department of Geography by ICC	48
10	01.04.2022	Gender Sensitization workshop conducted in Department of Zoology by ICC	44
11	05.05.2022	Gender Sensitization workshop conducted in Department of History by ICc	34

SHOULD MEN WORRY ABOUT PATRIARCHY?

BY PROF. NILADRI R. CHATTERJEE

18 JULY 2021
Sunday, 6.00 pm
On Google Meet

ORGANISED BY THE DEPARTMENT OF ENGLISH & GENDER SENSITISATION COMMITTEE, BARASAT GOVERNMENT COLLEGE

Register@<https://forms.gle/C6H32Mt2F2sQXD5r9>

BARASAT GOVERNMENT COLLEGE
10, K.N.C Road, Barasat, West Bengal

INTERNAL COMPLAINTS COMMITTEE (ICC)
in association with
DEPARTMENT OF GEOGRAPHY
presents

GENDER SENSITISATION PROGRAMME

SPEAKER
Debapratim Chakraborty, W.B.E.S.
Assistant Professor in English
Barasat Government College

31 31 MARCH 2022 1:00 PM ROOM NO. -109

**J. NSS ACTIVITIES FOR SOCIAL OUTREACH AND COMMUNITY SERVICES
(2021-22)**

Total Programs: 24

Date	Activity
12 th July, 2021	One day workshop on basic knowledge of HIV/AIDS
24 th July, 2021	Orientation Programme on 1. 'Gender Spectrum: Debates and Illusions', 2. 'Self and Surrounding Cleaning'
24 th July, 2021	Making videos to cheer up Tokyo Olympic's Athletes 2020, held in 2021.
29 th July, 2021	Video Conference by Honourable Prime Minister on the occasion of one year completion of NEP 2020
1st August, 2021	District Level Quiz Competition
05 th August, 2021	"Azadi Ka Amrit Mahotsav" initiative by Ministry of Culture and making Videos on Rastragaan
15 th August, 2021	Observed the Independence Day
20 th August, 2021	Online Magazine on "Acid attack: A burning issue in india"
18 th September, 2021	Online Magazine on 'Environment Issues : The Living Disease of the Earth'
16 & 18 th November 2021	'Awareness campaign regarding Covid 19 '
27 th December, 2021	Awareness programme on student credit card
5 th January, 2022	"Patriotic Songs, Recitation & Other Cultural Presentation" – performed in the programme of Students' week
12 th January, 2022	Celebrated National Youth Day
26 th January, 2022	Observed Republic Day
13 th April, 2022	Protection of Rights & Equal Participations for the Differently Abled
13 th April, 2022	Published Wall Magazine on 'Online Education'
2 nd to 8 th June ,2022	7 Days Special Camping Programme
3 rd June, 2022	Observed World Bicycle Day
06 th June, 2022	Observed World Environment Day
10 th June, 2022	Yogasona Programme

13 th June, 2022	Stress Management & Self-development through Yoga & Meditation
21 st June, 2022	Survey at Saradapally (adopted slum) to identify and understand the problems of this slum
21 st June, 2022	Celebration of International Yoga Day
22 nd June, 2022	Awareness Programme on water-borne and vector-borne diseases , garbage disposal and sanitization program at Saradapally (adopted slum)



K. STUDENTS' ACADEMIC RECORD 2021-22

Course	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UG-Hons	Physics	16	16	100
	Chemistry	13	13	
	Zoology	17	17	
	Botany	16	16	
	Mathematics	39	39	
	Geography	42	42	
	Economics	16	16	
	English	54	54	
	Bengali	73	73	
	Philosophy	61	61	
	Political Science	57	57	
	Sanskrit	34	34	
	History	65	65	
	Total	503	503	
UG-General	B.A. General	278	278	100
	B.Sc. Pure General	39	39	
	B.Sc Bio General	21	21	
	Total	338	338	
M.A./ M.Sc.	M.Sc. in Physics	25	25	100
	M.Sc. in Botany	23	23	
	M.Sc. in Zoology	29	29	
	M.A. in Bengali	29	29	
	Total	106	106	

L. TEACHERS PARTICIPATING IN FAULTY DEVELOPMENT PROGRAMS 2021-22
Total number - 17

Sr. No.	Name of participant	Title of Course	Duration
1	Aditi Bhattacharya	Refresher Course in Indian Languages, Culture and Ethos (IDC) organized by Devi Ahilya Viswavidyalaya, Indore	13-08-2021 - 26-08-2021
2	Ambarish Sen	Refresher Course on India and the World, Recent Trends In Global Politics organized by Department of International Relations and UGC-HRDC Jadavpur university	01-12-2021 - 14-12-2021
3	Debashree Dutta	Short Term Course on Value Based Education organized by UGC-HRDC Aligarh Muslim University	04-08-2021 - 10-08-2021
4	Debjani Ray Moulik	Refresher Course in Environmental Studies organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh	25-10-2021 - 09-11-2021
5	Srikanta Guria	5 days National Level FDP organised by Department of Biochemistry, Bhavana's Vivekananda College of Science, Humanities and Commerce	23-11-2021 - 27-11-2021
6	Srikanta Guria	Department of Microbiology, BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities & Commerce	15-11-2021 - 19-11-2021
7	Srikanta Guria	6 days Short Term Training Programme on "Bio fermentation" organised by Sathyabama Institute of Science and Technology	26-07-2021 - 31-07-2021
8	Srikanta Guria	Seven Day International Faculty Development Programme (FDP) organized by Department of Physical Education and Internal Quality Assurance Cell, Rajapalayam Rajus' College	01-07-2021 - 07-07-2021
9	Jaydip De	National Virtual Workshop on Quantitative Data Analysis in Excel organised by Amity College of Commerce & Finance, Amity University, Kolkata in collaboration with Integrated Institute for Advanced Research and Information (IIARI)	25-11-2021 - 26-11-2021
10	Jaydip De	UGC-Sponsored Guru Dakshta 5th Faculty Induction Programme organised by UGC-Human Resource Development Centre, Ranchi University, Ranchi, Jharkhand	04-08-2021 - 31-08-2021
11	Jaydip De	Five Days Faculty Development Programme on Recent Development and Pedagogy in Teaching and Research organised by Amity Institute of Environmental Sciences and Amity Institute of Social Sciences, Amity University Kolkata	28-06-2021 - 02-07-2021

12	Prasanta Paul	Five Days Faculty Development Programme on Recent Development and Pedagogy in Teaching and Research organised by Amity Institute of Environmental Sciences and Amity Institute of Social Sciences, Amity University Kolkata	28-06-2021 - 02-07-2021
13	Prasanta Paul	Workshop on Emerging Areas in Mathematics organized by Calcutta Mathematical Society (CMS), Kolkata	10-07-2021 - 17-07-2021
14	Prasanta Paul	Short Term Course on Value Based Education organized by UGC-HRDC Aligarh Muslim University	04-08-2021 - 10-08-2021
15	Shrabana Mazumder	Refresher Course on Geography & Environmental Studies organized by UGC-HRDC, Jamia Millia Islamia, New Delhi	18-01-2022 - 01-02-2022
16	Samar Chattapadhyay	Training Programme on Python Language Maulana Abul Kalam Azad University of Technology	16.02.22 - 03.03.2022
17	Madhusudan Ghosh	Training Programme on Python Language Maulana Abul Kalam Azad University of Technology	16.02.22 - 03.03.2022

M. RESEARCH PROJECTS SANCTIONED IN CALENDAR YEAR 2021

Total number: 01

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency
Broken symmetry phases in correlated backgrounds: Scaling and universality	Sudip Mukherjee (Physics)	2.75	3 Years	SERB, DST

Abhijit D.

Coordinator, IQAC
Co-ordinator, IQAC
Barasat Government College
Government of West Bengal

Ahatterji



Principal
Barasat Govt. College
Govt. of West Bengal