

NEWSLETTER

2022-23

BARASAT GOVERNMENT COLLEGE



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BARASAT GOVERNMENT COLLEGE



NEWSLETTER- 2022-23

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Barasat Government College



One of the distinguished institutions of higher education in West Bengal, Barasat Government College was established in 1950 primarily for serving the needs of and empowering the socially and economically underprivileged population of migrants settling around Barasat and its vast rural hinterland which shared the international boundary with the then East Pakistan.

Following this ideal of inclusive education, Barasat Government College upholds its mission of providing an inclusive space where students, especially those from the weaker sections, can receive the fruits of higher education irrespective of their social, economic, religious and cultural backgrounds. This is also manifested in the high rate of enrolment of SC, ST, OBC and Minority students. It is our mission to prove that even a first generation learner can be a front runner given the opportunities, right facilities and guidance.

Affiliated to West Bengal State University, the college at present has more than 3000 students studying in 7 Science and 6 Humanities Departments. 4 of these, Bengali, Botany, Physics, Zoology also offer PG Courses. Equipped with a highly qualified and motivated faculty attuned with the needs of the time the college constantly endeavours to provide a holistic education to our students. The college was accredited by NAAC with A Grade in the Second Cycle and also enjoys DST FIST Sponsorship.

Message from the Principal



News Letter, a miniscule information brochure of the college is meant primarily for the new entrant students, faculty members, office staff and other stakeholders, where information on different committees and their functions, grievance redressal etc. are reflected.

Various departmental activities, college programmes like NSS, Scholarships and in a word a reflection of calendar of events for the year are highlighted.

The objective of this News Letter is primarily make everybody to be acquainted with the culture, tradition, academics and such other related activities and programmes of this institution.

I wish a grand success of this endeavor.

Barasat

Dr. Samar Chattopadhyay, WBSES
Principal
Barasat Government College

Our Pledges and Certificates



Volunteers of NSS Unit, Barasat Government College have received the Certificates from 1st to 15th August 2022 for online Pinning Flag & uploading Selfie with National Flag under the programme 'HAR GHAR TIRANGA', an initiative by the Ministry of Culture, Government of India to mark 'AZADI KA AMRIT MAHOTSAV'



NSS Volunteers of Barasat Government College have participated in 'Lifestyle for the Environment Pledge' and they received the certificates on it from Ministry of Environment Forest and Climate Change, Govt. of India on 20.10.2022



NSS volunteers of Barasat Government College have successfully taken part in 'Ekta Shrinkhala Campaign' on the occasion of 'Azadi Ka Amrit Mahotsav', organized by Ministry of Culture, Government of India on 27.10.2022

Major Achievements of the College in 2022-23

DR. SAMAR CHATTOPADHYAY, Principal, BGC has been awarded as “**Outstanding Teacher 2023-24**” based on contribution in the field of education and allied subjects, by the Presidency University.



DR. SAMAR CHATTOPADHYAY, Principal, BGC has been awarded “**GYAN PROBHA KAR 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.



DR. SRIKANTA GURIA received Best poster presentation award for poster presentation at National Seminar 2023 On “**Chemistry in Biology**” organized by The Department of Chemistry, Shri Shikshayatan College in collaboration with Indian Photobiology Society, Held on 19th December 2023.



Dr. BALARAM DAS, Assistant Professor in History has received the Active Programme Officer Award 2022-2023 for NSS Activity by the NSS Cell, West Bengal State University on 22nd May 2023.



Dr. SUDIP MUKHERJEE, Assistant Professor in Physics has received Guest Scientist fellowship, Max Planck Institute for the Physics of Complex Systems, Dresden, Germany for the period from 1st August 2023 to 31st August 2023.



Two of our illustrious alumni from the Dept. Of Mathematics are proudly associated with the Chandrayan-3 Mission of ISRO.



DR. SRIKANTA GURIA, Assistant Professor of Zoology secured 1st 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.



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

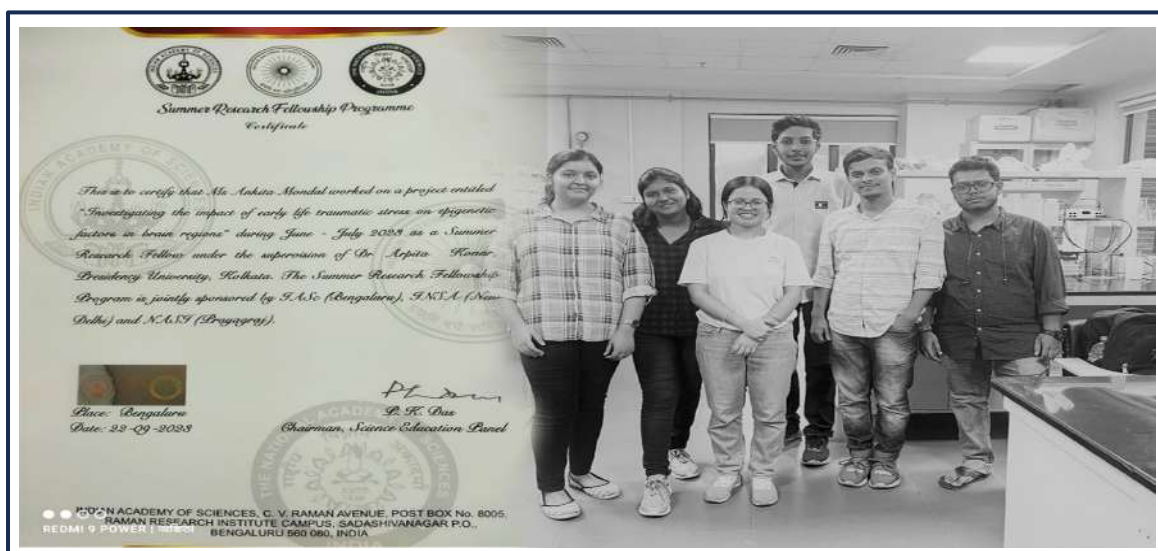


Dr. SOMADITYA DEY, Assistant Professor in Zoology has received Long Term ICMR-DHR International Fellowship for Young Indian Bio-medical Scientists 2022-23 to act as International Visiting Fellow (Indian Council of Medical Research, Govt. of India

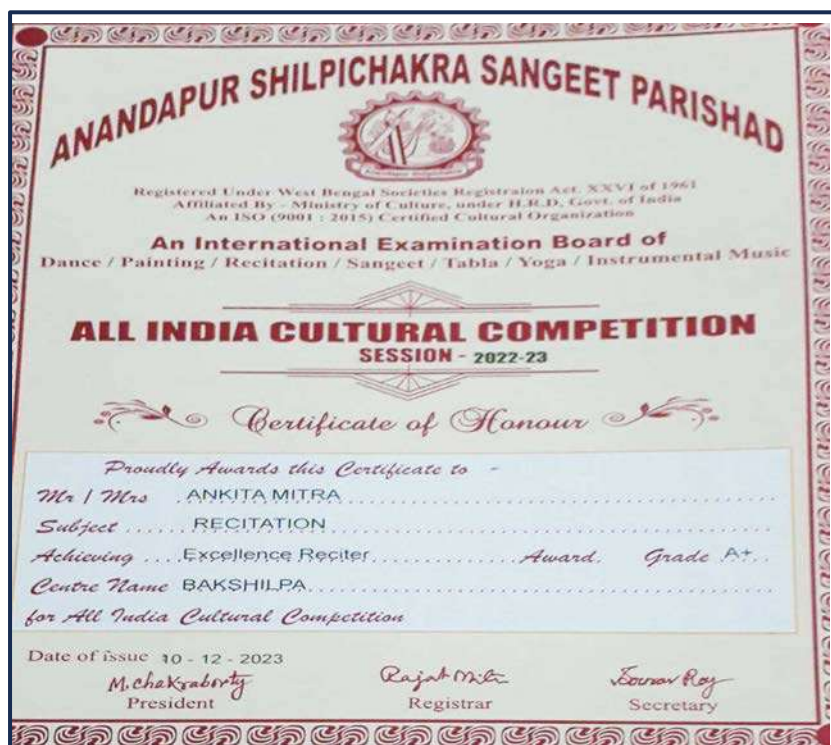


Ananya Ghosh has obtained Silver in Kata in and Bronze in Kumita in Shokotan 24 Parganas North District Championship 2022. She has also obtained Gold in Shotokan Karate Kata and Kicking Championship 2022.





ASc-INSA-NASI summer fellowship (June-July,2023) in favour of Ms. Ankita Mondal (Bsc Sem4, Zoology Hons.) for working at the lab of Dr Arpita Konar, IHS, Presidency University, Kolkata



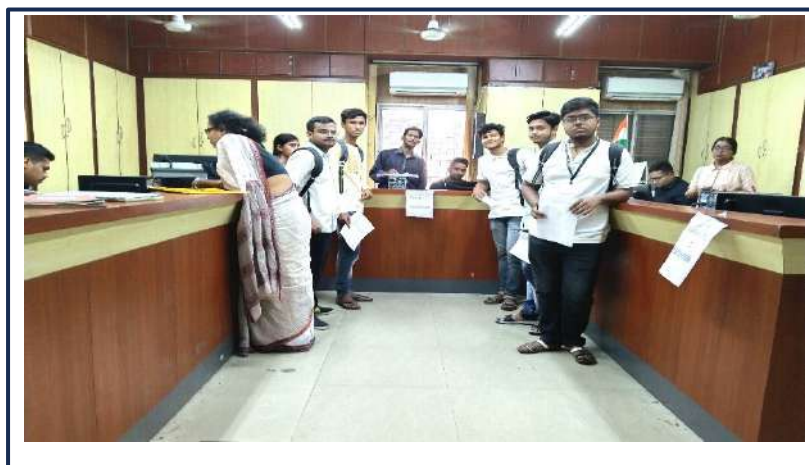
Ankita Mitra of Geography (Hons.) has obtained excellence reciter award in All India Cultural Competition 2022-23.

Our Library



In the year 2022-23, the library of Barasat Government College was fully operational, supported by its dedicated team members. Additionally, the library progressed with digitalization and adopted modern e-library concepts by implementing N-LIST and Koha library automation. Barasat Government College Library has embraced the digital age with a forward-looking approach, catering to the needs of Gen Z students and scholars. The library has undergone significant modernization, offering amenities such as free WiFi access, digital journals, and extensive research resources accessible through INFLIBNET. These advancements not only enhance the learning experience but also support academic pursuits in an increasingly digital world. The integration of such modern infrastructure underscores the college's commitment to fostering a conducive environment for research, study, and intellectual growth among its students and faculty.

Our College Office



The administrative office constitutes the one of the major pillars on which the institution stands. It is the center for managing the administrative work of the college and the support center for students from the admission process to the conduct of examinations. The office staff under the able leadership of the Principal always carried out the administrative responsibilities efficiently ensuring the smooth running of the college.

Performance of Our Students in University Examination

RESULT ANALYSIS (CGPA) OF UG SEM-VI EXAMINATION (CBCS) FOR REGULAR STUDENTS, 2023						
SUBJECT	TOTAL NO OF STUDENTS APPEARED	CGPA : 6.0 - 10.0	CGPA : 5.0 - 5.99	CGPA : 4.0 - 4.99	TOTAL PASS	PASS %
BA-PROGRAMME	290	245			245	84.48
BENGALI	58	57			57	98.28
BOTANY	22	21			21	95.45
BSC-PROGRAMME	72	53			53	73.61
CHEMISTRY	18	13			13	72.22
ECONOMICS	17	16			16	94.12
ENGLISH	61	56			56	91.80
GEOGRAPHY	42	42			42	100.00
HISTORY	63	62			62	98.41
MATHEMATICS	30	30			30	100.00
PHILOSOPHY	67	46			46	68.66
PHYSICS	20	20			20	100.00
POLITICAL SCIENCE	53	53			53	100.00
SANSKRIT	27	22			22	81.48
ZOOLOGY	25	17			17	68.00
Total	865	753	0	0	753	87.05

STUDENTS' PROGRESSION TO HIGHER STUDIES & JOBS

****Around 208 students graduating in 2022-23 are pursuing Post-Graduate Courses in various Universities across India.**

****46 students have progressed to further studies in various professional or diploma courses including B.Ed, Law, MBA etc.**

****The performance of our students in Competitive Examinations has also been excellent with 26 students qualifying in JAM/GATE and 23 in NET/SET.**

****21 students also qualified CUET for PG admission while 10 qualified CTET and TET.**

****4 of our former students gained admission to PhD programmes during this year.**

****72 students received employment in various government and non-government organizations.**

Seminar Conducted by the College (2022-23)

Name of the Workshop/ Seminar	Department
Unish Shotok Bishoye Bishesh Boktrita OBitorko Sabha	Dept. of Bengali
Branch Cut Analysis Function	Dept. of Mathematics
Research methodology related to field and laboratory environmental research, environmental sustainability	Dept. of Zoology
Seminar on research methodology	Dept. of Zoology
Seminar as an awareness program on Worlds Zoonoses Day 2022	Dept. of Zoology
"A day with Physics"	Dept. of Physics
The evolution of Indian Science in the last 200 years with special emphasis on Jagadish Chandra Bose, Prafulla Chandra Ray and C.V.Raman	Dept. of Chemistry
Seminar to Celebrate World Population Day	Dept. of Economics
NAAC and AQAR preparation (IQAC)	IQAC
One-day Seminar on Exploring the Career Opportunities in Data Science	Dept. of Economics
One Day Seminar on National Career Service Portal cum Free Career Enhancement Training	Dept. of Economics
Seminar on Cyber Crime	IQAC
Seminar on the occasion of Sanskrit Dibas	Dept. of Sanskrit
Seminar on the occasion of Sadhabana Dibas	Dept. of Sanskrit
Seminar on Plant Nomenclature	Dept. of Botany
Seminar on Mangrove Biodiversity	Dept. of Botany
Seminar on Understanding-gender-identity	Dept. of History
Seminar on Understanding the journey of human right	Dept. of Political Science

Value Added/ Add-On/Certificate Programs

Name of Value Added/Add on /Certificate programs offered	Duration of course	Number of Students completing the course in the year
Value added course on Understanding India	11th October,2022 to 21st October,2022 (Total 36.5 Hrs.)	146
Value added course on "Post Covid Awareness Programme"	11 th October, 2022 – 18 th October,2022 (Total: 36 Hrs)	38
Value added course on Effects & Consequences of Thermodynamics on Living Beings	12th October,2022 to 19th October,2022 (Total 36 Hrs)	38
Value added course on Study of Macrofungi, Mushroom Cultivation and Plant Diseases	14th October to 20th October,2022 (Total 36 Hrs.)	71
Value added course on Recent Development inMathematical Computing	11th October,2022 to 21st October,2022 (Total 32 Hrs.)	65
Value added course on "A Short Journey On Marketing & Communication Skill"	11th October,2022 to 21st October,2022 (Total 36 Hrs.)	79
Value added course on India's "Role in the World Today [Political and Economic]"	11th October,2022 to 21st October,2022 (Total 33 Hrs.)	50
Certificates Course on Study of animal diversity in North Bengal and South Bengal in specific areas	12-13 th Nov 2022, 20 and 27 th Nov 2022, 18 th Dec 2022, 5 th Feb 2023 (Total 39 Hrs.)	51
Add-on Course on Advanced Field Survey Techniques	09-03-2023 to 14-03-2023 (Total 30 Hrs.)	51
Add-on Course on Applied Field Research Methods	15-03-2023 to 18-03-2023 (Total 30 Hrs.)	44
Add-on Course on Collection, Preservation, Display & Cataloging of Museum Specimens	05.06.2023 to 12.06.2023 (Total 10 Hrs.)	44
Value added course on "Insect diversity, hemocytediversity and pollution"	13 JUNE 2023, 19 JUNE 2023, 21 JUNE 2023, 27 JUNE 2023, 28 JUNE 2023 (Total 35 Hrs.)	51
Add-on Course on Quick Mathematics: a preparatorycourse for various competitive exams	26-06-2023 to 01-07-2023 (Total 32 Hrs.)	64
Value added course on A Complete Practical Guide Course on Human Blood Cell Count, Hemoglobin Estimation and Interpretation of Diseases	01-02-2023 to 31-05-2023 (Total 36 Hrs.)	45
Value Added Course on Applied Statistics & Economterics	05-06-2023 to 16-06-2023 (Total 33 Hrs.)	29
Value Added Course on Water Pollution and Analysis	07-06-2023 to 13-06-2023 (Total 32 Hrs.)	19

Value Added Course on Philosophy: A Life Skill	07-06-2023 to 23-06-2023 (Total 30 Hrs.)	72
Value Added Course on Performing Arts in Sanskrit	09-06-2023 to 23-06-2023 (Total 33 Hrs.)	54
Value Added Course on Bangalir Hensel	13-06-2023 to 26-06-2023 (Total 35 Hrs.)	84
Value Added Course on Environmental Education and Sustainable Development	14-06-2023 to 26-06-2023 (Total 32 Hrs.)	24
Value Added Course on Beyond Literary Texts: The Expanding Horizons	16-06-2023 to 26-06-2023 (Total 32.5 Hrs.)	36
Value Added Course on Individual: Rights & Lawas (Indian Context)	16-06-2023 to 23-06-2023 (Total 36 Hrs.)	43
Value Added Course on Social Awareness & Obligations of an Indian Citizen	12-06-2023 to 28-06-2023 (Total 33 Hrs.)	30
Value Added Course on Cultural Heritage of India	12-06-2023 to 23-06-2023 (Total 36.5 Hrs.)	35
Value added course on Techniques on Biodiversity and Plant Resource Utilization	22-06-2023 to 27-06-2023 (Total 32 Hrs.)	97
Value added course on Cultural Heritage of India- Medieval Period	01.11.2023 - 08.11.2023 (Total 36.5 Hrs.)	50

RESEARCH & PUBLICATIONS

Total Number: 56

Title of paper	Name of the author/s	Dept.	Name of journal	Year of Publication	ISSN number
Influence of pesticide-tolerant soilbacteria for disease control caused by <i>Macrophomina phaseolina</i> (Tassi.) Goid and plant growth promotion in <i>Vigna unguiculata</i> (L.) Walp.	Bandopadhyay,A., Roy, T., Alam, S. Mazumder S, Das N.	BOTANY	Environment, Development and Sustainability	2022	1387-585X (print version) 1573-2975 (online)
Laccase-assisted bioremediation of Pesticides: Scope and challenges	Chandana Paul, Nilasish Pal, Madhumita Maitra & Nirmalendu Das	BOTANY	Mini-Reviews in Organic Chemistry	2023	1875-6298 (Online); 1570-193X (print)
Clean gene technology to develop selectable marker-free pod borer-resistant transgenic pigeon pea events involving the constitutive expression of Cry1Ac	Ganguly S, Purohit A, Ghosh S, Chaudhuri RK, Das S, Chakraborti D	BOTANY	Applied Microbiology and Biotechnology	2022	14320614, 01757598.

Differential transcript expression profiles of susceptible and resistant pigeonpea cultivars at an early timepoint during Fusarium udum infection	Ghosh S, PurohitA, Hazra A, Mukherjee A, Bhar A, Gupta S, Chaudhuri RK, Chakraborti D	BOTANY	Frontiers in Genetics	2022	1009127
Influence of pesticide-tolerant soil bacteria for disease control caused by Macrophomina phaseolina (Tassi.) Goid and plant growth promotion in Vigna unguiculata (L.) Walp.	Bandopadhyay,A., Roy, T., Alam, S. Mazumder S.Das N.	BOTANY	Environment, Development and Sustainability	2022	1387-585X (print version) 1573-2975 (online)
A short review on the synthesis of oxazolo/thiazolo/imidazolocoumarin and their biological activities'	Susanta Patra, Prasanta Patra*, Dilip Rout, Sanchaita Adikari, & Dibyendu Shekhar Mahanty	BOTANY	Synthetic Communications Reviews	2022	0039-7911 and 1532-2432 (online)
Physiology of Shade Loving Plants: A Comparative Analysis with Shade Avoiding Plants	Dibyendu Sekhar Mahanty	BOTANY	Indian Journal of Applied and Pure Biology	2023	0970-2091
Repetitive Sequences in Monocot MICRORNAs – Targets for Future Bioengineering Strategies for Climate Resilient Crops	Sohini Gupta Ganguli, Souradip Basu, Sayak Ganguli	BOTANY	Journal of Environment and Sociobiology	2022	Online ISSN: 2454-2601, Print ISSN: 0973-0834
Geometry of nonrelativistic string	Sk. Moinuddin, Pradip Mukherjee	PHYSICS	Physics Scripta (Institute of Physics, I.F. - 2.9)	2022	1402-4896
Energy momentum tensor of a non-minimally coupled scalar from the equivalence of the Einstein and Jordan frames	Sk. Moinuddin, Pradip Mukherjee, Anirban Saha, Amit Sinha Roy	PHYSICS	The European Physical Journal C (Springer, I.F. - 4.4)	2023	1434-6052
The effect of Cr-substitution on the structural, electronic and magnetic properties of rutile VO ₂	Sarajit Biswas	PHYSICS	Journal of Magnetism and Magnetic Materials (Elsevier, I.F. - 2.7)	2023	0304-8853/1873-4766
First-principles investigation of the Metal-insulator Transitions In Ti-substituted tetragonal rutile VO ₂	Sarajit Biswas and Molly De Raychaudhury	PHYSICS	Vacuum (Elsevier, I.F. - 4.0)	2023	1879-2715/0042-207X

Alkali cation controlled tuning of the Metal-insulator Transition in Vanadium hollandites	Sarajit Biswas, Pratim Banerjee and Molly De Raychaudhury	PHYSICS	Materials Science and Engineering B (Elsevier, I.F. - 3.6)	2023	1873-4944/0921-5107
Correlation-driven metal-insulator transition in Unconventional magnetic metal superoxides	Sarajit Biswas, Pratim Banerjee and Molly De Raychaudhury	PHYSICS	Materials Research Bulletin (Elsevier, I.F. - 5.4)	2023	0025-5408
Rough or crumpled: Phases in kinetic growth with surface relaxation	Sudip Mukherjee and Abhik Basu	PHYSICS	Physical Review E Letter(American Physical Society, I. F. - 2.7)	09-08-22	2470-0045
Stiffening or softening of elastic media: Anomalous elasticity near phase transitions	Sudip Mukherjee and Abhik Basu	PHYSICS	Physical Review E Letter(American Physical Society, I. F. - 2.7)	14-11-22	2470-0045
Statistical mechanics of phase transitions in elastic media with vanishing thermal expansion	Sudip Mukherjee and Abhik Basu	PHYSICS	Physical Review E (American Physical Society, I. F. - 2.7)	14-11-22	2470-0045
Role of quantum fluctuation in inducing ergodicity in the spin glass phase and its effect in quantum annealing	Sudip Mukherjee	PHYSICS	Philosophical Transactions of the Royal Society A (I. F.- 5.0)	05-12-22	1364-503X
Steady states and phase transitions in heterogeneous asymmetric exclusion processes	Atri Goswami, Mainak Chatterjee and Sudip Mukherjee	PHYSICS	Journal of Statistical Mechanics: Theory and Experiment (Institute of Physics, I.F. - 2.234)	29-12-22	1742-5468
Pairing phase transition in an odd-even hot ⁶⁹ Zn nucleus	Enakshi Senapati, Satabdi Mondal, Srijit Bhattacharya, Deepak Pandit, N Dinh Dang, Nguyen Ngoc Anh, LT Quynh Huong, RajkumarSantra, N Quang Hung, BalaramDey	PHYSICS	Journal of Physics G: Nuclear and Particle (Institute of Physics, I.F. - 3.5)	2023	1361-6471

Viscosity to entropy density ratio (η/s) in nanoliquid	Md Moinul Islam, Alok Kumar De, Deepak Pandit, Balaram Dey, Nazmus Sakib, Srijit Bhattacharya	PHYSICS	Physics and Chemistry of Liquids (Taylor & Francis, I.F. -1.2)	2022	10290451
Isospin dependence of nuclear level density at $A \approx 120$ mass region	R Shil, K Banerjee, Pratap Roy, J Sadhukhan, TK Rana, G Mukherjee, S Kundu, TK Ghosh, S Manna, A Sen, R Pandey, A Chakraborty, Deepak Pandit, S Mukhopadhyay, Debasish Mondal, D Paul, C Bhattacharya, S Bhattacharya	PHYSICS	Physics Letters B (Elsevier, I.F. - 4.4)	2022	0370-2693
Analysis of cross-section, S-factor and thermonuclear reaction rate of $^8\text{Li}()$ ^{11}B and $^{14}\text{N}()$ ^{15}O using TALYS and EMPIRE nuclear reaction codes	Satabdi Mondal, Pampa Das, Enakshi Senapati, Deepak Pandit, Balaram Dey, Alok Kumar De, Srijit Bhattacharya	PHYSICS	International Journal of Modern Physics E (World Scientific, I.F. - 1.1)	2022	2183013
Influence of PEDOT: PSS Doping on the Performance of Organic Solar Cells	Kriti Ranjan Sahu, Abhijit De	PHYSICS	Biointerface Research in Applied Chemistry, I.F. - 0.25)	Oct, 2022	2069-5837
Cicadas....eastern himalaya, west bengal, india	Dr. Sumana Saha	ZOOLOGY	World Scientific News	9 Feb, 2023	2392-2192
Biochemical and molecular basis of bacterial bioluminescence and its utilization as a biosensor for the assessment of environmental toxicity, Volume 7, Issue 8	Dr. Sumana Saha	ZOOLOGY	International Journal for Research Trends and Innovation	2022 IJRTI	ISSN: 2456-3315

Biochemical and molecular basis of bacterial bioluminescence and its utilization as a biosensor for the assessment of environmental toxicity, Volume 7, Issue 8	Indrani Banerjee	ZOOLOGY	International Journal for Research Trends and Innovation	2022 IJRTI	ISSN: 2456-3315
এখন আরণ্যক পিঙ্কা	Dr. Jayati Ghosh	ZOOLOGY	"গুলিয়ানডার হক মেথর পাবর"	জানু-23	Ekhon aranyak ISSN number: 2455 - 1139
Bigyan Anneswak,	Dr. Jayati Ghosh	ZOOLOGY	জি। সংকেট নীল পাহাড়ের রাজা, Bigyan Anneswak, vol.20: issue-1, pp-25	Jan-Feb 2023	ISSN: 2582-5674, RNI: WBBEN/2003/11192
CLEAN Soil Air Water (WILEY), 51 (4): 2200321	Prof. Anilava Kaviraj	ZOOLOGY	Assessment of the present state and future fate of river saraswati, india: water quality indices and forecast models as diagnostic and management tools.	2023	ISSN: 1863-0669
Int J Med Inform.(ELSEVIER) Nov;167:104866.	Prof. Anilava Kaviraj	ZOOLOGY	Performance analysis of machine learning algorithms and screening formulae for β - thalassemia trait screening of Indian antenatal women.	2022	ISSN: 1386-5056 (print); 1872-8243 (web)
AQUACULTURE (ELSEVIER) 548,737629	Prof. Anilava Kaviraj	ZOOLOGY	Production analysis of composite fish culture in drought prone areas of Purulia: The implication of financial constraint.	2022	ISSN 0044-8486
On a collection of (Insects, Acari) some insects and mites from medicinal plants of Ramkrishna Mission, Narandrapur (India: WB, Dist S 24 pgs)	Salil.K.Gupta	ZOOLOGY	Acta Entomology and Zoology	10.12. 22	P-ISSN: 2708-0013, E-ISSN: 2708-0021

Mites and insects occurring on some leafy ornamentals and floricultural plants in Howrah and Purba Medinipur districts of West Bengal, with their economic importance	Salil K Gupta	ZOOLOGY	Journal of Entomology and Zoology Studies 2022; 10(4): 45-51	JUL-AUG 2022	P-ISSN: 2349-6800, E-ISSN: 2320-7078
Some mites and insects occurring on medicinal plants from medicinal plant gardens located in and around Kalyani, West Bengal	Salil K Gupta	ZOOLOGY	South Asian Journal of Agricultural Sciences 2022; 2(2): 36-40	(JUL-DEC 2022)	E-ISSN: 2788-9297 P-ISSN: 2788-9289
Collection of mites and insects occurring on some vegetable crops cultivated in drapur campus Ramakrishna Mission, West Bengal, India	Salil K Gupta	ZOOLOGY	South Asian J. Agric. Sci., 2022; 2(2): 48-51	(JUL-DEC 2022)	E-ISSN: 2788-9297 P-ISSN: 2788-9289
Nagarkrishi: Kolkata Metropolitan Elakar Ekti Karjakari Bishleshan	Shrabana Mazumder	GEOGRAPHY	Bhugol Swadesh Charcha	2023	25814788
Environmental degradation and erosion susceptibility mapping at Ajodhya hill, Purulia, India– a GIS based analysis	Chandan Surabhi Das	GEOGRAPHY	Safety in Extreme Environment	2022	2524-8170
A worldwide perspective on large carnivore attacks on humans	Chandan Surabhi Das	GEOGRAPHY	Plos Biology	2023	1544-9173
Erosion-accretion pattern in the tidal-rivers of Indian Sundarban in relation to estuarine hydrodynamics	Chandan Surabhi Das	GEOGRAPHY	Continental Shelf Research	2023	0278-4343
Brttakar orthoniti: Sthisil Unnoyoner R o Ek Dhap	Sourama Saha	GEOGRAPHY	Bhugolika	2023	2319-6122

Premchand's "Godan (The Gift of a Cow)": Shades of Exploitation, Socio-Political Context	Dr. Ambarish Sen	ENGLISH	Journal of the Oriental Institute (print only)	October-December 2022	0030-5324
Accelerated motion in general relativity: fate of the singularity	Indranath Bhattacharyya Saibal Ray	MATHS	European Physical Journal C	2022	1434-6044 (print) 1434-6052 (web)
A study of McVittie Spacetime in Stationary and Dynamical Regime	Indranath Bhattacharyya Saibal Ray, Maxim Khlopov, Riju Nag, Samudra Sundar Nag	MATHS	Fortschritte der Physik - Progress of Physics	2022	Online ISSN:1521-3978
Ouponibesik bharotborser silpo chinta chetona	Balaram Das	HISTORY	ATHENA	VOLUME VI, JUL 2022 C.E.	ISSN: 2454-1605
Paper: Nati Binodini o Chaitanyalila Abhinay	Debjani Roy Moulik	ENGLISH	Journal: Nibodhata (CARE listed)	Vol. 36, No. 3, SEP-OCT, 2022	ISSN: 0972-4877
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somokalin bharote.....prasongikotha	Sreemoyee Ghosh	POL. SC.	ITI KOTHA	VOL XI , NO 1, JAN 2023	2320-3447
1947-er bangabibhajan:pashchimbanger bangla bhasa ebang sahyer itihis charchar prasangikata	SATABDI SADHU MONDAL	BENGALI	Ekusher Dheu	2023	2454-7182

Prak unish shatake ingrajder bangla o itihaser charchay shasaker kkhamatayan	SATABDI SADHU MONDAL	BENGALI	LOKOGANDHAR (International Peer Reviewed Journal on Modern Research)	2023	ISSN : 2582-2705
Bangla chhotogolpe behular nabonirman: narir abasthan o somajbodoler podochinho	SHREYA ROY	BENGALI	EBONG PRANTIK	SEP 2022	ISSN: 2348- 487X
Biplobi narir kolome biplabhad: shantisudha ghosh o bimalprativa debir bangla uponyas	SHREYA ROY	BENGALI	AJKER JODHAN	JUL- AUG 2022	ISSN: 0871-5819
Nirjon saraswati: narir andhokar theke aloy uttoroner sadhona.	SHREYA ROY	BENGALI	Trisangam International Refereed Journal,	JUL 2022	ISSN: 2583-0848
Jotirmoyi debir nari bhabna o martyer apswara	RENUKA ADHIKARI	BENGALI	EBONG PRANTIK	SEP 2022	ISSN: 2582-3841 (O) 2348-487X
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Daini ek asahay narir jibon akkhan	RENUKA ADHIKARI	BENGALI	AJKER JODHON	SEP-OCT, 2022	ISSN 0871-5819

MoU SIGNED



MoU signed with Bidhannagar College, Kolkata



MoU signed with Ramakrishna Sarada Mission Vivekananda South Dum Dum



MoU signed with St. Xavier's College, Burdwan



MoU signed with Integrated Institute For Advanced Research And Information (IIARI), Kolkata



MoU signed with P G Government Institute for Physical Education, Banipur



MoU signed with Institution of Education (PG) for Women Chandernagore



MoU signed with Taki Government College, Taki



MoU signed with Sree Chaitanya College, Habra



MoU signed with Government College of Education, Banipur



MoU signed with Kanyashree College, Kolkata



MoU signed with Sarojini Naidu College for Women, Kolkata



MoU signed with Barasat College, Barasat



MoU signed with Vivekananda College, Madhyamgram



MoU signed with Purbasa Eco Helpline Society, Sundarban



MoU signed with Maulana Azad College, Kolkata



MoU signed with KNOW YOUR NEIGHBOUR, Kolkata

Our MoU Activity

MoU Activity With Barasat Municipality, Barasat



Life Skill Education and Anti Addiction Campaign & HIV AIDS Awareness Programme held on 19-12-2022 at Barasat

Preliminary Health Care & Nutrition Programme held on 20-12-2022 at Barasat



Thalassemia Awareness & Sensitization Programme held on 21-12-2022 at Barasat



MOU ACTIVITY with P. R. Thakur Government College, Thakurnagar

Seminar Lecture held on 04-01-2023 at Thakurnagar

Faculty Engaged: Dr. Srikanta Guria (Assistant Professor in Zoology, BGC)



Seminar Lecture held on 10-01-2023 at Barasat

Faculty Engaged: Dr. Pabitra Saha (Assistant Professor in Zoology, BGC)



Seminar Lecture held on 12-05-2023 at Barasat

Faculty Engaged: Smt. Sucheta Mitra (Assistant Professor in Philosophy, PRTGC)



Seminar Lecture held on 26-05-2023 at Thakurnagar

Faculty Engaged: Smt. Debashree Dutta (Assistant Professor in Philosophy, BGC)



MOU ACTIVITY with Data - Q, Barasat Centre

Centre within the College Premises



MOU ACTIVITY with Netaji Subhas Open University

Seminar Lecture held on 05-04-2023 at Barasat

Faculty Engaged: Dr. Jibanananda Jana (Assistant Professor in Chemistry, BGC)



Seminar Lecture held on 05-04-2023 at Barasat

Faculty Engaged: Mrs. Debashree Dutta (Assistant Professor in Philosophy, BGC)



Seminar held on 12-05-2023 & Joint Activity held on 25-05-2023 at Barasat

Faculty Engaged: Mr. Satya Ranjan Das (Counsellor in Geography, NSOU)



MOU ACTIVITY with Vivekananda College, Madhyamgram

Seminar Lecture held on 25-04-2023 at Madhyamgram

Faculty Engaged: Smt. Shampa Bhowmick (SACT – II in Chemistry, BGC)



Seminar Lecture held on 25-04-2023 at Madhyamgram

Faculty Engaged: Smt. Tanushree Das (SACT – II in Bengali, BGC)



Seminar Lecture held on 25-04-2023 at Madhyamgram

Faculty Engaged: Smt. Mousumi Roy (SACT – II in English, BGC)



Seminar Lecture held on 25-04-2023 at Madhyamgram

Faculty Engaged: Dr. Rupak Saha (Assistant Professor in History, BGC)



Seminar Lecture held on on 02-05-2023 at Barasat

Faculty Engaged: Sri Sukur Ali (SACT in Political Science, Vivekananda College)



MOU ACTIVITY with Swami Vivekananda University, Barrackpore

Celebration of International Women’s Day held on 08-03-2024 at Barrackpore

Faculty Members: Sri Subhendu Bikash Satpathi (Associate Professor in History, BGC) & Smt. Debashree Dutta (Assistant Professor in Philosophy, BGC)



Performance by the Students on International Women’s Day held on 08-03-2024 at Barrackpore



Seminar on NEP - 2020 Sensitization, Awareness and Implementation held on 19-03-2024 at Barrackpore





MOU ACTIVITY with Integrated Institute for Advanced Research and Information (IIARI), Kolkata

Seminar Lecture held on 15-05-2023 at Barasat

Faculty Engaged: Mr. Rahul Chakraborty (Director, IIARI)



Seminar Lecture held on 24-05-2023 at Barasat

Faculty Engaged: Mr. Rahul Chakraborty (Director, IIARI)



Seminar Lecture held on 19-03-2024 at Barasat

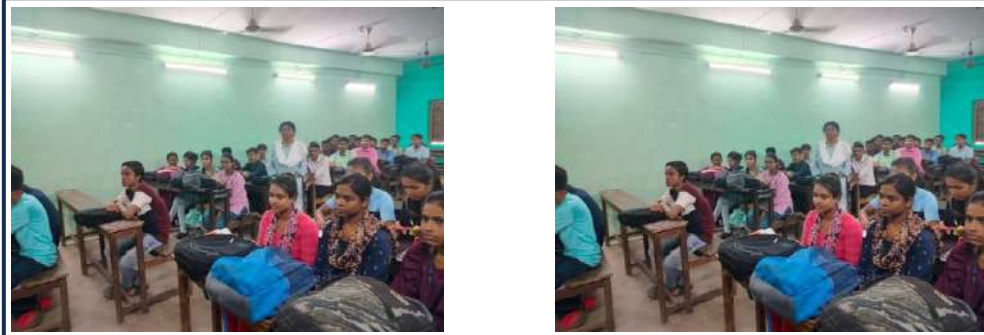
Faculty Engaged: Mr. Rahul Chakraborty (Director, IIARI) & Ms. Tania Sen (Research Assistant, IIARI)



MOU ACTIVITY with Barasat College, Barasat

Seminar Lecture held on 22-05-2023 at Barasat

Faculty Engaged: Smt. Dola Chattopadhyay (Assistant Professor in Economics, BGC)



Seminar Lecture held on 22-05-2023 at Barasat

Faculty Engaged: Sri Anuruddha Das (Assistant Professor in Political Science, BGC)



MOU ACTIVITY with Purbasha Eco Helpline Society, Sundarban

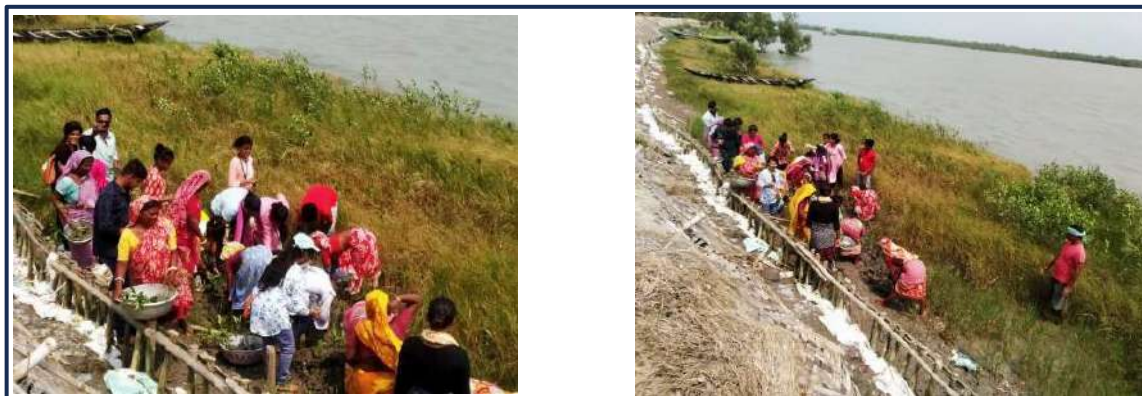
Seminar Lecture held on 14-05-2023 at Barasat

Faculty Engaged: Mr. Uma Shankar Mondal (Secretary, PEHS)



Field Visit held on 27-06-2023 to 29-06-2023 at Sundarban

Faculty Engaged: Mr. Uma Shankar Mondal (Secretary, PEHS) & Dr. Bidyut Pramanik (Associate Professor in Geography, BGC)



Seminar Lecture held on 30-04-2024 at Barasat

Faculty Engaged: Mr. Uma Shankar Mondal (Secretary, PEHS)



ACTIVITY between Scientia, Science Club, Barasat Government College in collaboration with the NGO, Know Your Neighbour

- Scientia, Science Club, Barasat Government College in collaboration with the NGO, Know Your Neighbour organized a Science Heritage Walk in and around Rajabazar- Maniktala Region.
- The idea behind this walk was to make students aware of the rich scientific heritage of Bengal through the works of Jagadish Chandra Bose (Biologist), C.V .Raman (Physicist), Prafulla Chandra Ghosh (Chemist), Girindra Sekhar Basu (Psychologist) , Vidyasagar (educationist) and others.
- The walk started from Basu Bigyan Mandir, the first interdisciplinary research institute in India, established in 1917, completely funded by people sympathetic to the Indian nationalist movement.

- This was followed by a tour through the Rajabazar Science college campus, founded in 1914, by the great visionary Sir Asutosh Mukherjee using the generous donation of Sir Tarak Nath Palit and Sir Rashbehari Ghosh.
 - The students also visited the house of Girindra Sekhar Basu, (the father of Indian psychiatrist) and Vidyasagar, the great Indian educator and social reformer.
 - The walk finally ended in the Rammohan Library which house an immense collection of rare books and records of the bygone days.
 - The students were encouraged to write and record their experiences.
- The walk helped the participants to trace the arduous but rewarding journey of Indian Science and inspired them to continue with their scientific careers.

Student's reports on the visit



The Department of English of Barasat Government College in collaboration with Know Your Neighbour, Kolkata organized a 'Neighbourhood Walk' on 27 March 2024 (Wednesday) on the streets of Kolkata. It was called lost pages of bookbinders.

As many as 38 students of Semesters 4 and 6 walked in full enthusiasm with their teachers. The walk was led by Dr. Sabir Ahamed, National Research Scholar of Pratichi and three other research scholars.

Beginning from Keshab Chandra Sen's tomb inside Victoria College campus the walk took them through the winding lanes and by lanes of nostalgic central Kolkata. The ethos of the previous centuries beckoned at our wonderstruck teenagers through age-old printing establishments, monstrous and noisy paper cutting machines, quaint but lively mosques that continue to defy time and the once glamorous Carmichael Hostel that deserves a heritage stamp. The experience gained from this activity will certainly help the department to work towards more such academic exercises in future.



MOU ACTIVITY with Kanyashree College, Kolkata

Syllabus Oriented Class held on 19-05-2023 at Barasat

Faculty Engaged: Dr. Samir Kumar Samanta (Associate Professor in Geography, KC)



Syllabus Oriented Class held on 18-05-2023, 25-05-2023, 01-06-2026, and 08-06-2023 at Kolkata

Faculty Engaged: Dr. Chandan Surabhi Das (Associate Professor in Geography, BGC)



MOU ACTIVITY with Sree Chaitanya College, Habra

Syllabus Oriented Class held on 09-06-2023 at Habra

Faculty Engaged: Dr. Srikanta Guria (Assistant Professor in Zoology, BGC)



Syllabus Oriented Class held on 12-06-2023 at Barasat

Faculty Engaged: Dr. Biswanath Sarkar (Assistant Professor in Political Science, SCC)



Syllabus Oriented Class held on 09-06-2023 at Habra

Faculty Engaged: Sri Dibyendu Sekhar Mahanty (Assistant Professor in Zoology, BGC)



MOU ACTIVITY with Sarojini Naidu College for Women, Dum Dum
Seminar Lecture held on 18-05-2023 at Barasat

Faculty Engaged: Dr. Aniruddha Mitra (Assistant Professor in Zoology, SNC)



Seminar Lecture Class held on 19-05-2023 at Dum Dum

Faculty Engaged: Dr. Enamul Haque (Assistant Professor in Zoology, BGC)



Seminar Lecture held on 19-05-2023 at Dum Dum

Faculty Engaged: Dr. Sourama Saha (Assistant Professor in Geography, BGC)



Syllabus Oriented Class held on 22-05-2023 at Barasat

Faculty Engaged: Dr. Shatarupa Dey (Assistant Professor in Geography, SNC)



MOU ACTIVITY with Ramkrishna Sarada Mission Vivekananda Vidyabhavan, South Dum Dum

Syllabus Oriented Class held on 12-06-2023 at South Dum Dum

Faculty Engaged: Smt. Poulomi Saha (Assistant Professor in Sanskrit, BGC)



Seminar Lecture held on 06-06-2023 at Barasat

Faculty Engaged: Dr. Bidisha Chatterjee (Associate Professor in Philosophy, RKSMVV)



MOU ACTIVITY with Taki Government College, Taki

Syllabus Oriented Class held on 25-05-2023 at Taki

Faculty Engaged: Dr. Sudip Mukherjee (Assistant Professor in Physics, BGC)



Syllabus Oriented Class held on 25-05-2023 at Taki

Faculty Engaged: Dr. Sarajit Biswas (Assistant Professor in Physics, BGC)



Syllabus Oriented Class held on 30-05-2023 at Barasat

Faculty Engaged: Dr. Kaushik Naskar (Assistant Professor in Physics, TGC)



Syllabus Oriented Class held on 30-05-2023 at Barasat

Faculty Engaged: Dr. Jyoti Saha (Assistant Professor in Physics, TGC)



MOU ACTIVITY with St Xavier's College, Burdwan

Syllabus Oriented Class held on 30-05-2023 at Barasat

Faculty Engaged: Dr. Moumita Dey (Assistant Professor in Geography, SXC)



Syllabus Oriented Class held on 30-05-2023 at Barasat

Faculty Engaged: Mrs. Oly Roy (Assistant Professor in English, SXC)



Syllabus Oriented Class held on 31-05-2023 at Burdwan

Faculty Engaged: Dr. Jaydip De (Assistant Professor in Geography, BGC)



Syllabus Oriented Class held on 31-05-2023 at Burdwan

Faculty Engaged: Mr. Niloy Chakraborty (SACT II in Geography, BGC)



MOU ACTIVITY with Bidhannagar College, Salt Lake

Seminar Lecture held on 25-06-2023 at Barasat

Faculty Engaged: Dr. Swaty Mitra (Assistant Professor in English, BNC)



Seminar Lecture held on 25-06-2023 at Barasat

Faculty Engaged: Dr. Tina Barma (Assistant Professor in Economics, BNC)



Syllabus Oriented Class held on 26-05-2023 at Salt Lake

Faculty Engaged: Dr. Shrabana Mazumder (Assistant Professor in Geography, BGC)



**MOU ACTIVITY with Institute of Education (P.G.) for Women,
Chandernagore**

Seminar Lecture held on 05-06-2023 at Barasat

Faculty Engaged: Dr. Kausik Chakrabarti (Assistant Professor in Physics, IEW)



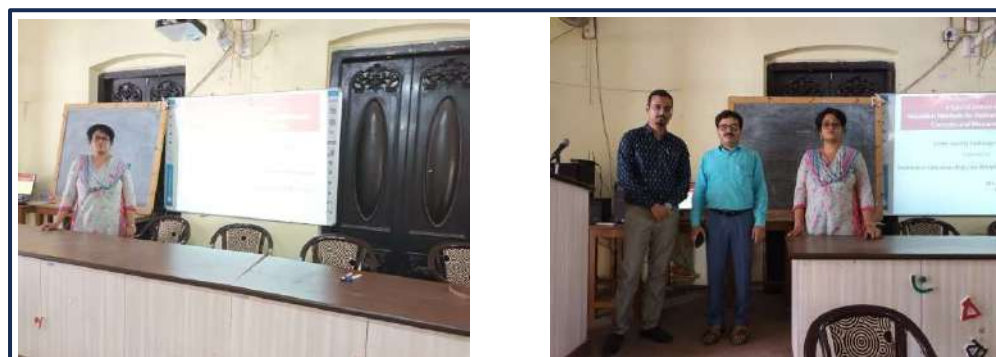
Seminar Lecture held on 05-06-2023 at Barasat

Faculty Engaged: Dr. Debabrata Mondal (Assistant Professor in Sanskrit, IEW)



Seminar Lecture held on 08-06-2023 at Chandernagore

Faculty Engaged: Dr. Kaushiki Banerjee (Assistant Professor in Economics, BGC)



Seminar Lecture held on 08-06-2023 at Chandernagore

Faculty Engaged: Dr. Jaydip De (Assistant Professor in Geography, BGC)



MOU ACTIVITY with Post Graduate Govt. Institute for Physical Education, Banipur

Seminar Lecture held on 31-05-2023 at Banipur

Faculty Engaged: Smt. Dola Chattopadhyay (Assistant Professor in Economics, BGC)



Seminar Lecture held on 10-06-2023 at Barasat

Faculty Engaged: Dr. Lakshmi Narayan Kaibarta (Principal, PGGIPE)



MOU ACTIVITY with Government College of Education, Banipur

Seminar Lecture held on 12-06-2023 at Banipur

Faculty Engaged: Smt. Adrija Chaudhuri (Assistant Professor in Bengali, BGC)



Seminar Lecture held on 19-06-2023 at Barasat

Faculty Engaged: Dr. Enakshi Bhattacharya Dutta (Assistant Professor in Bengali, GCE)



Seminar Lecture held on 19-06-2023 at Barasat

Faculty Engaged: Dr. Amlan Ganguly (Assistant Professor in Zoology, GCE)



MOU ACTIVITY with Maulana Azad College, Kolkata

Syllabus Oriented Class held on 15-06-2023 at Kolkata

Faculty Engaged: Sri Ganapati Bhattacharya (Assistant Professor in Political Science, BGC)



Syllabus Oriented Class held on 27-06-2023 at Barasat

Faculty Engaged: Dr. Onkar Nath Pathak (Assistant Professor in Sanskrit, MAC)



Our Sports Activity



The annual Sports Meet 2022-23 of Barasat Government College was a vibrant showcase of athleticism and camaraderie, spanning from 16th to 22nd February 2023. The campus buzzed with enthusiasm as students, faculty, and staff participated wholeheartedly in a diverse array of indoor and outdoor events. The sprawling grounds witnessed intense competitions in track and field events such as sprinting, long jump, cricket, football and shot put, showcasing remarkable talent and sportsmanship. Meanwhile, indoor events like chess, table tennis, and carrom added a cerebral and tactical dimension to the meet, highlighting the college's dedication to fostering both physical and mental agility among its participants. The atmosphere was electric with cheers and applause, creating memorable moments of triumph and teamwork. Overall, the Annual Sports Meet not only celebrated sporting excellence but also strengthened the spirit of unity and healthy competition within the college community, leaving a lasting impact on all participants.

Our Students' Union

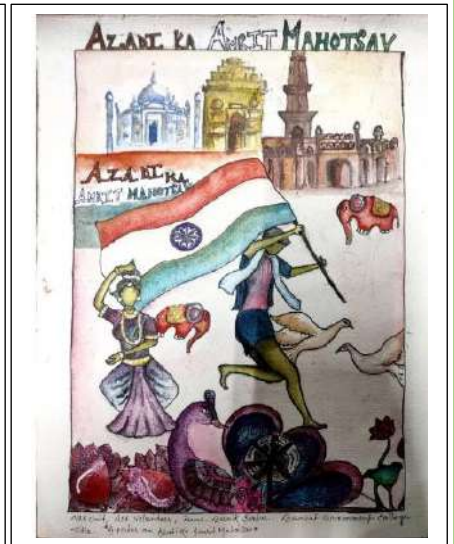
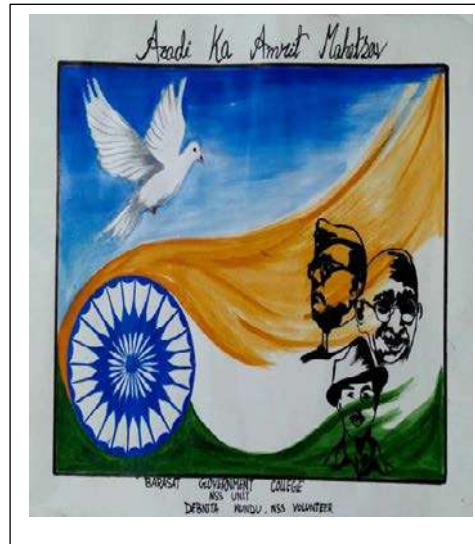
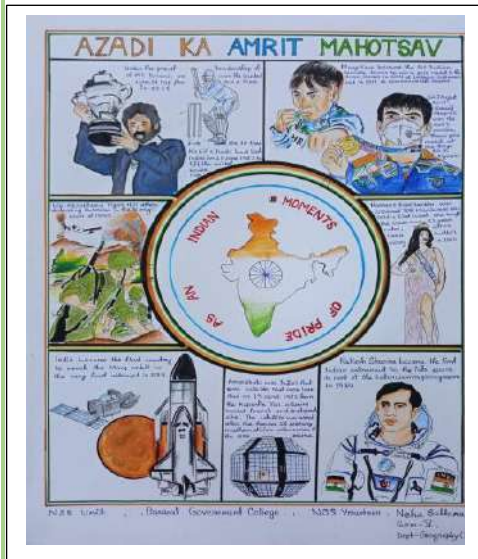


The college has an active Students' Union that organizes various cultural events and social service activities throughout the year. These are some glimpses of the union's activities in 2022-23.

Our Green Campus



Our National Service Scheme (NSS) Unit



On the celebration of Iconic Week (8-14.08.2022) as a part of 'AZADI KA AMRIT MAHOTSAV', NSS Volunteers participated in Poster Competition. Among them Neha Sultana, Barnik Sardar, Debnita Kundu secured 1st, 2nd & 3rd position respectively.



Campus Cleaning Programme on the occasion of International Youth Day (12.08.2022),

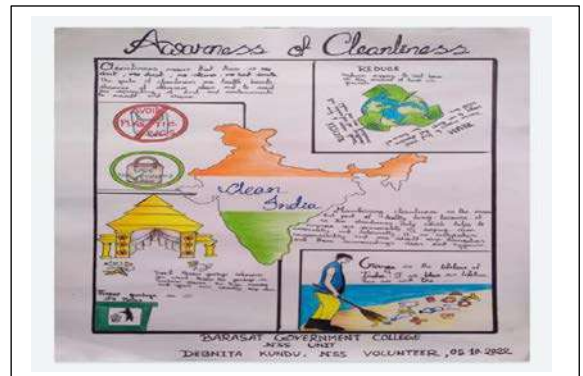


On 09.09.2022, the NSS Unit of Barasat Government College observed *International Literacy Day (08.09.2022)*. The NSS Unit visited adopted Slum Saradapally, Barasat where several awareness programmes were carried on –





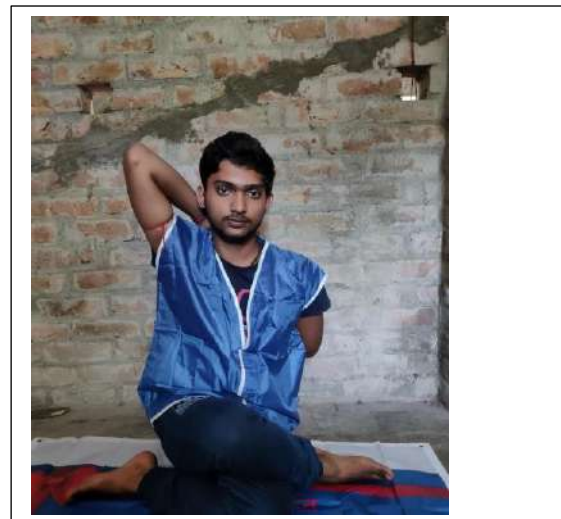
NSS Unit of Barasat Govt. College has observed NSS Day (24.09.2022) in the college campus. The Day has been observed through several programmes:



Azadi ka Amrit Mohotsav, CLEAN INDIA 2.0, 2022, Swachh Kaal: Amrit Kaal During this auspicious occasion of Durga Puja Festival, our volunteers have actively participated in Clean India 2.0 campaign such as Cleaning Puja Pandals and making handmade drawings on Awareness of Cleanliness.



NSS volunteers of Barasat Government College have successfully taken part in 'Ekta Shrinkhala Campaign' on the occasion of 'Azadi Ka Amrit Mahotsav', organized by Ministry of Culture, Government of India on 27.10.2022



Date 31.10.2022 “Azadi ka Amrit Mohotsav : Fit India Freedom Run 3.0” Fitness activity by volunteer Sudip Paul to make life healthy.



NSS Unit of Barasat Government College, in collaboration with West Bengal State Aids Prevention & Control Society, Govt. of West Bengal, organised an Orientation Programme on 'HIV Awareness' on 10.11.2022.



As a part of NSS regular activities, the NSS volunteers of Barasat Govt. College, planted a sapling in the college campus on 10.11.2022



NSS unit has participated in National Conference on Clean Environment & Sustainability Swachh Bharat Mission Campaign, organized by NSS Cell, WBSU on 02.12.2022. Puja Biswas has been awarded and received a prize by the NSS Cell of the University for her poster entitled "Stop Use Plastic".

17th to 23rd December, 2022

7 Day Special Camping Programme
on

'Health, Family Welfare and Nutrition'

17.12.2022 - Day 1 : first half, respected Principal, Dr. Samar Chattopadhyay has officially inaugurated the Programme .Then our Resource Person, Dr. Jayati Ghosh, Associate Professor of Zoology, BGC has delivered lecture on Food and Nutrition.



17.12.2022 - Day 1 : second half, NSS Unit has organized an Awareness Rally on Dengue from Barasat Government College to Barasat Municipality.



Day 3 : first half, Dr.Olivia Ganguly, Assistant Professor of Human Development & Psychological Counsellor, RKVM Sarada Ma Girls' College has talked on 'Life Skill Education in the Anti-Addiction Campaign' at Saradapally.



19.12.2022 - Day 3: second half, Saradapally (adopted slum) Smt. Soma Basu Dutta, Counsellor, ICTC, Barasat Govt. Medical College & Hospital has talked about HIV AIDS in the Awareness Programme. Smt. Mousumi Chatterjee, Folk Singer & her Troup has made the people aware about AIDS through a brilliant cultural programme. They also distributed masks among the people and made the local children aware of importance of sanitization.





20.12.2022 - Day 4 : first half, Sri. Somnath Das (Trained from Ministry of Ayush, Govt. of India, Faculty of Art of Living) has trained the children of Saradapally (adopted slum of NSS Unit) yogasana for physical and mental health improvement.



20.12.2022 - Day 4 : second half, Smt. Pratyasha Agrawal, Consultant Nutritionist, Department of Clinical Nutrition & Dietetics, made the residents of Saradapally aware of cleanliness in normal life under 'Nutrition Programme'..



21.12.2022 - Day 5 : first half, Smt. Madhumita Samanta, Counsellor, Thalassaemia Control Unit, Dept. of Haematology, Calcutta School of Tropical Medicine, Govt. of West Bengal, with her team has done thalassaemia test on 83 local people of Saradapally (adopted slum) and NSS Volunteers.



21.12.2022 - Day 5 : second half, sanitization has been done in the slum area by NSS Volunteers.



22.12.2022 - Day 6 : first half, Dr. Somaditya Dey, Assistant Professor of Zoology, BGC has delivered lecture on Importance of Mass Immunization, awareness about prevention of diseases by vaccination ,the diseases of Thalassaemia and the importance of psychological counseling.



22.12.2022 - Day 6 : second half, Professor (Dr.) Pranam Dhar, Programme Coordinator, NSS Cell, WBSU, has enlightened the NSS volunteers about bank fraudulent acts and bank security through his lecture on 'Bank Frauds : Awareness & Prevention' under the programme on Financial Literacy.



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23.12.2022 - Day 7 : first half, Dr. Srikanto Guria, Assistant Professor of Zoology, Barasat Government College has made the NSS volunteers aware of crucial health issues through his lecture on 'The Value of Health Education'.



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23.12.2022 - Day 7 : second half, In the Valedictory session, two best NSS volunteers and two best leaders have been awarded. Previous batch of NSS volunteers has been given certificates. The prize distribution ceremony has been followed by a colourful cultural programme with which the Camp has come to an end.



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Kolkata, West Bengal, India
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Celebration of 'Students Week 2023'

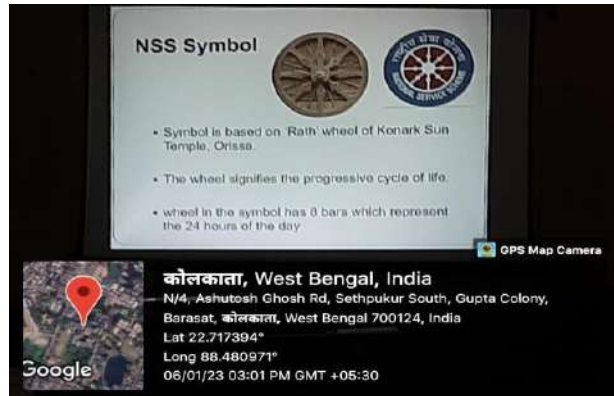
NSS Unit, Barasat Government College organized NSS Orientation Programme in 'Students' Week 2023' on Day 5, i.e. 06.01.2023, where Dr. Balaram Das, Programme Officer, NSS Unit, BGC, delivered a lecture on NSS Awareness Activities on Health and Social Issues .



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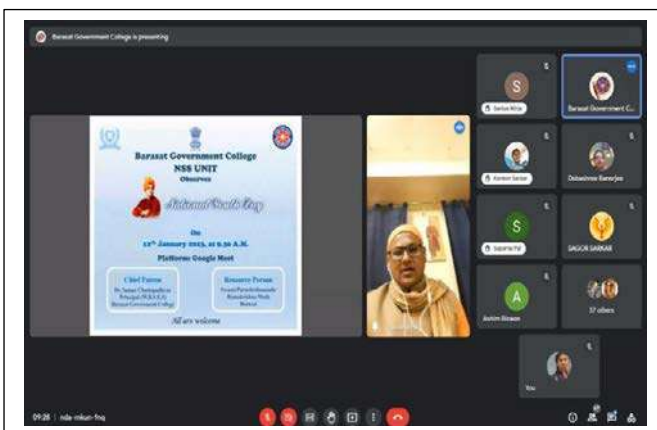


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Observed National Youth Day

NSS Unit, Barasat Government College has observed *National Youth Day* on 12.01.2023 on the occasion of 160th Birth Anniversary of Swami Vivekananda through the lecture of Swami Purusheshanda, Ramkrishna Math, Barasat on the topic 'Role of Youth in Present Society'. Our Principal Sir officially inaugurated the Programme.



NSS Unit & HEPSN, Equal Opportunity Cell of Barasat Government College have jointly organized an Awareness Programme on 'Protection of Rights, Full Participation & Equal Opportunity of Specially Aabled' on 16.02.2023



International Women's Day

NSS Unit, Barasat Government College has observed *International Women's Day (8th March)* on 10.03.2023





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Campus Cleaning Programme

NSS Unit of Barasat Government College has organized Campus Cleaning Programme on 17.03.2023 as a part of regular activities of NSS unit.



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Kolkata, West Bengal, India
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Blood Donation Camp on 27.03.2023

NSS Unit, Barasat Government College in collaboration with Barasat Government Medical College and Hospital, Blood Centre, Government of West Bengal and Blood Transfusion Service Division, Swasthya Bhawan, Government of West Bengal has organized a Blood Donation Camp on 27.03.2023.



Vivek Samhati Utsab - 2023

NSS Unit of Barasat Govt. College attended the 'Vivek Samhati Utsab-2023' (State Level Celebration on National Integration, 2023) organized by NSS, HED, Govt. of West Bengal, & NSS Cell, WBSU, at WBSU on 22.05.2023



World Environment Day

In collaboration with 24 Parganas (North), Forest Department, Government of West Bengal has observed World Environment Day, and organized different events under Mission LIFE 2023 on 05.06.2023



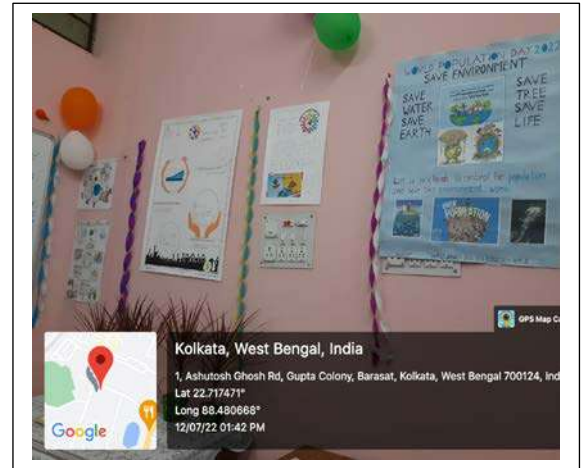
International Day of Yoga

NSS Unit of Barasat Govt. College has observed the International Day of Yoga and organized different events on 21.06.2023. Our Principal Sir, several other teachers have joined the Programme



Dept. Of Zoology conducted seminar as an awareness program on Worlds Zoonoses Day 2022, dt. August 23, 2022 (Invited talk by Dr Aritri Dutta, DBT/Wellcome trust). Dr Aritri Dutta, Grants Adviser, DBT/Wellcome trust talked on Zoonotic diseases.

Department of Economics Celebrated World Population Day (11th July) Seminar and Poster Competition



Department of Economics celebrated World Population Day through organising seminar and poster competition and Cultural Program.

Department of Sanskrit Celebrated Sanskrit Diwas (12th August)



Department of Sanskrit celebrated Sanskrit Diwas through organising online lecture ,Chanting of Vedic mantras and cultural programs

Kanyashree Day (14th August)



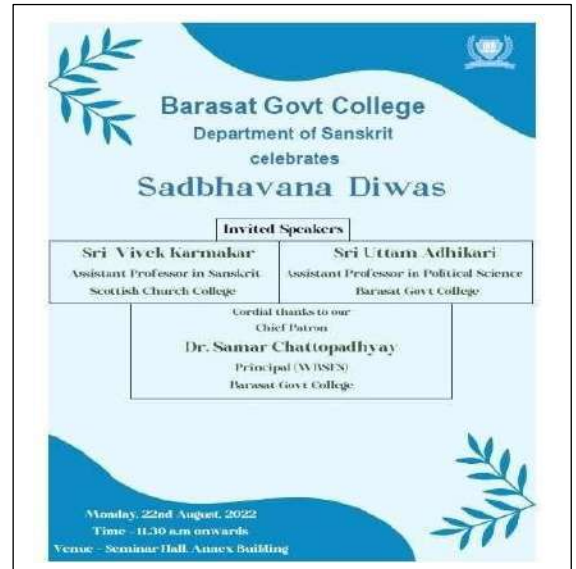
Students Welfare and Support Cell has observed Kanyashree Day on 18.08.22. There was cultural programme, Poster and Essay competitions among the students. The programme was celebrated mainly to promote Women Empowerment.

Independence Day (15th August)



NSS Unit, Barasat Government College has observed Independence on 15th August 2022 in the College premise. The celebration includes Procession with the National Flag, Flag Hoisting and the Cultural Programme.

Sadbhavana Diwas (20th August)



Department of Sanskrit organized two programs on this occasion, one online and the other offline. A short video was animated by our students on Sadbhavana. A seminar took place on 22nd August in this occasion. Sri Uttam Adhikary, Assistant Professor in Political Science, Barasat Govt. College and Sri Vivek Karmakar, Assistant Professor in Sanskrit, Scottish Church College, delivered their speech.

Teachers' Day (5th September)



Students of the Department of Sanskrit spontaneously organized a cultural program to celebrate Teachers' Day on 16.9.23



Each year students of the Chemistry department felicitate the teachers on this day, through various cultural programs including songs and dance recitals. They also felicitate the teachers with tokens of their appreciation.

College Foundation Day (7th September)

73rd Foundation day of Barasat Government College was celebrated by the Barasat Government College Alumni Association on 7th of September, 2022..
The Foundation Day of Barasat Government College was a momentous occasion marked by a series of events that brought together students, faculty, and alumni..... Flag Hoisting, Cultural Program, Quiz Competition.



73rd FOUNDATION DAY CELEBRATION BY BGCAA ON 07.09.2022

Human Democracy Day (15th September)

BARASAT GOVERNMENT COLLEGE

CELEBRATION OF INTERNATIONAL DEMOCRACY DAY

Organised by

DEPARTMENTS OF POLITICAL SCIENCE & HISTORY

IN COLLABORATION WITH

IQAC, BARASAT GOVERNMENT COLLEGE

15.09.2022
12.30-3.30 PM

Venue: Seminar Hall, Annex Building

CHIEF PATRON
Dr. Samar Chattopadhyay
Principal (WBSES), Barasat Government College

Deepening Democracy, Celebrating Democracy

SPEAKER
DR. INDRASHIS BANERJEE
ASSOCIATE PROFESSOR AND HEAD, DEPARTMENT OF POLITICAL SCIENCE, IQAC COORDINATOR,
RUMANDIBHANA MESSENGER NITYAMKANDIRA, BELUR HATTA, HOWRAH

EXTEMPORISE COMPETITION
PARTICIPANTS: STUDENTS OF THE DEPARTMENTS OF HISTORY AND POLITICAL SCIENCE

POSTER COMPETITION & EXHIBITION



Department of political Science celebrating international day of democracy on 15/09/2022. Dr Indrashis Banerjee, (Associate professor, Dept. of political science, Ramkrishna Mission Vidyamandir, Belur, Howrah) has deliver his lecture on Understanding Democracy, Celebrating Democracy. Many students have been participated poster competition and extempore exhibition on this international democracy day.

Ozone Day (16th September)



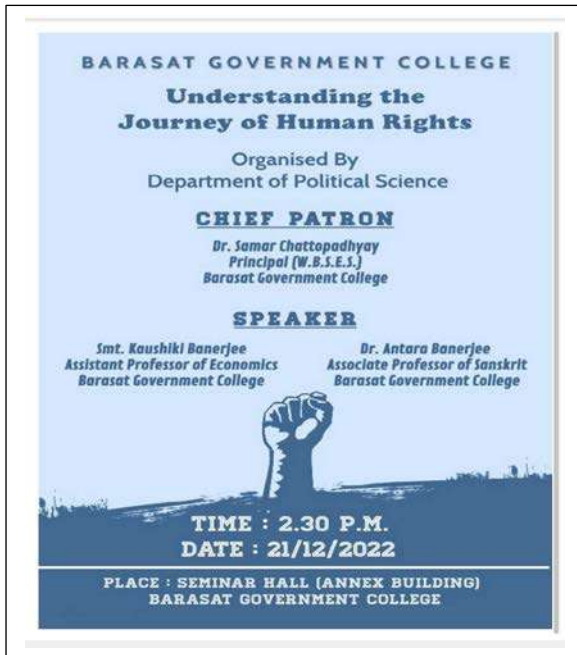
Celebration of Ozone Day by the department of Chemistry. A student's seminar was organized on the theme of environmental chemistry by 3rd semester students of Chemistry both from pass and Hons. course.

World Philosophy Day (18.11.22)



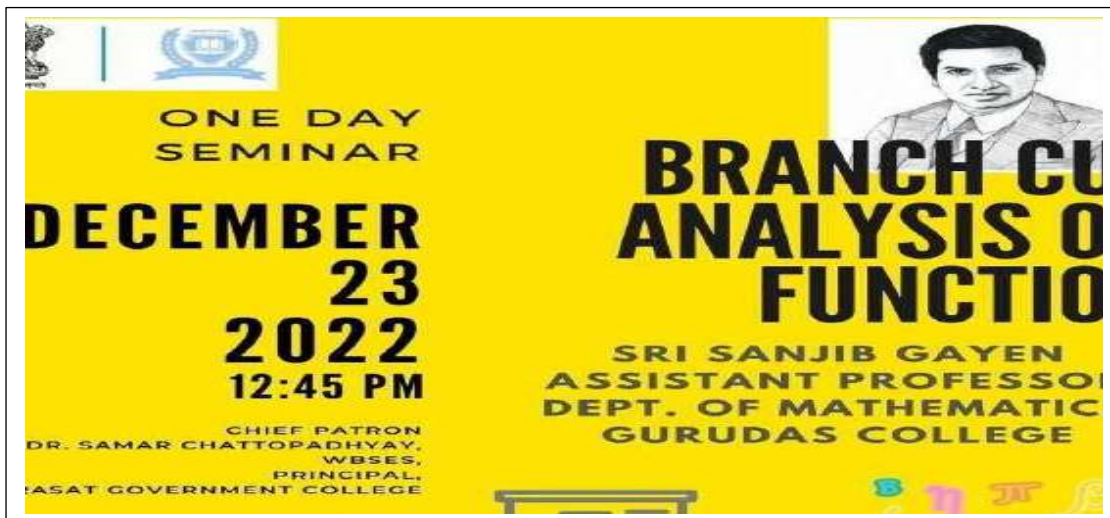
Department of Philosophy in association with IQAC, Barasat Government College has celebrated World Philosophy Day on 18th November 2022. The main events of this programme were. 1. Poster Exhibition by departmental students 2. Student seminar 3. Peer talk on “Critical Analysis on Pramana: Nyaya perspective” by Prof. Dr. Sabita Samanta, Department of philosophy, West Bengal State University.

Human Rights Day (10th December)



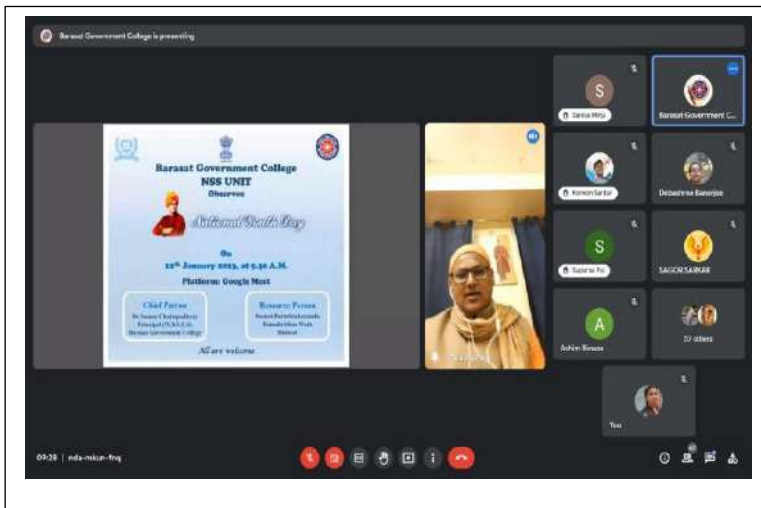
Understanding the Journey of Human Rights”.....A program for the celebration of Human Rights Day by the Department of Political Science. Dr. Antara Banerjee , associate professor of Sanskrit and Dr. Koushiki Banerjee, Assistant Professor of Economics delivered lectures on the occasion

Commemoration of Ramanujan Day (22nd December)



One-day seminar on branch cut analysis function by Dept. Of Mathematics was organized on 23.12.2022

Commemoration of National Youth Day (12th January)



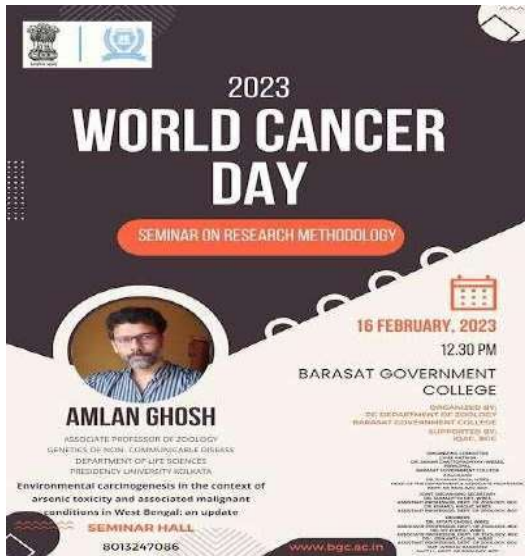
NSS Unit, Barasat Government College has observed *National Youth Day* on 12.01.2023 on the occasion of 160th Birth Anniversary of Swami Vivekananda through the lecture of Swami Purusheshanda, Ramkrishna Math, Barasat on the topic 'Role of Youth in Present Society'.

Republic Day (26th January)



NSS Unit, Barasat Government College has observed Republic Day on 26th January 2023 in the College premise. The program started with the rally. Principal Sir has given a short speech .The programme has ended with a cultural programme and national anthem.

World Cancer Day (4th February)



Seminar on research methodology to celebrate world Cancer day by Department of Zoology. Dr. Amlan Ghosh of Presidency University talked on Environmental carcinogenesis in the context of arsenic toxicity and associated malignant conditions in West Bengal.



Matribhasha Dibas (21st February)

International Mothers Language Day



International Mothers Language Day is celebrated by Barasat Government College.



Commemoration of National Science Day (28th February)



NATIONAL SCIENCE DAY 2023

ORGANISED BY: DEPARTMENT OF CHEMISTRY
SUPPORTED BY: IQAC, BARASAT GOVERNMENT COLLEGE
24 FEBRUARY, 2023. 1:00 PM

DISCUSSION ON GENERAL SCIENCE

<p>INVITED SPEAKER</p>  <p>Prof. Syamal Chakrabarti Professor, Department of Chemistry, University of Calcutta</p>	<p>CHIEF PATRON</p>  <p>Dr. Samar Chattopadhyay (W.B.S.E.S.) Principal, Barasat Govt. College</p>	<p>ORGANISING COMMITTEE</p> <p>Dr. Prabir Kumar Bhattacharya, Head, Department of Chemistry & Other Teaching and Non- Teaching Staff, Department of Chemistry, Barasat Government College.</p>
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To commemorate National Science Day (28th February) a seminar was held in the Department of Chemistry on 24th February, 2023. Prof. Syamal Chakrabarti, Professor, Department of Chemistry, University of Calcutta gave his lecture on The evolution of Indian Science in the last 200 years with special emphasis on Jagadish Chandra Bose, Prafulla Chandra Ray and C.V.Raman.

International Women's Day (8th March)



NSS Unit, Barasat Government College has observed *International Women's Day (8th March)* on 10.03.2023. Our first speaker Dr. Proyash Sarkar, Professor, Department of Philosophy, Jadavpur University, spoke about Feminist Epistemology. Our second speaker Dr. Bidisha Chatterjee, Associate Professor, Deptt. of Philosophy, Ramakrishna Sarada Mission Vidyabhavan, has delivered lecture on Feminist Ethics under the coinage "The Other Voice"

Rabindra Jayanti (9th May)



Department of Bengali celebrated Rabindra Jayanti. The programme started with a song of Rabindranath Tagore. Teachers gave speech on Tagore. Students participated in this programme and they did various type of cultural activities i.e Recitation, Dance, Singing, speech on Rabindranath Tagore.

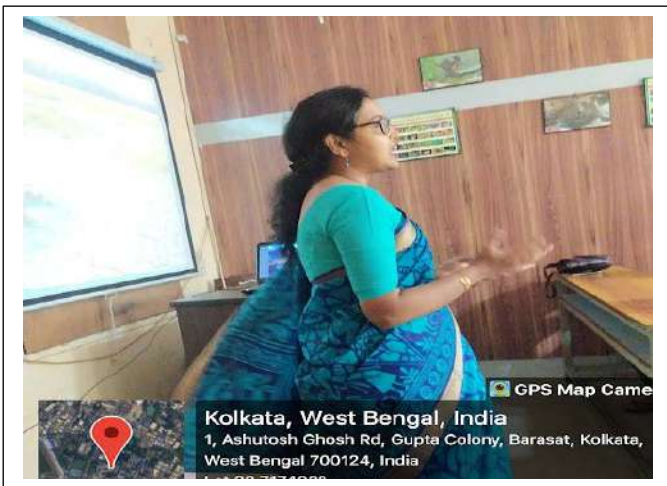
Celebration of International Day for Biodiversity (22nd May)

Department of Botany



Celebration of International Bio Diversity Day 2023, was observed by the Department of Botany, Barasat Government College on 22nd May 2023 at the Departmental Seminar Room. The program was inaugurated by our Principal, Dr. Samar Chattopadhyay, Dr. Abhijit Dey, IQAC Coordinator, Dr. Prabir Bhattacharya, TCS of our College at 11:30 AM. Dr. Pratip Palit, formerly Principal Scientist of CRIJAF, Barrackpore, delivered an elaborate lecture on Biodiversity and Sundarban as a resource person. UG and PG students of Botany Department and of Zoology Department participated the program along with the faculty members. Dr. Chandan Surabhi Das, Associate Professor of Geography also attended the program. On the same issue a Department Wall Magazine, the Blooming Buds 2.1 was inaugurated by Dr. Palit.

World Environment Day (5th June)



ACADEMIC SEMINAR ON The research methodology related to field and laboratory environmental research, environmental sustainability on the occasion of World Environment Day

On 16 June 2023 from 12 PM at

Department of Zoology

ORGANIZED BY:
POST GRADUATE DEPARTMENT OF ZOOLOGY
BARASAT GOVERNMENT COLLEGE

SUPPORTED BY:
IQAC, BGC

ORGANIZING COMMITTEE:
CHIEF PATRON:
DR. SAMAR CHATTOPADHYAY
WSES, Principal,
Barasat Government College

CONVENOR:
DR. SUMANA SAHA
Head of the Department,
Dept. of Zoology

JOINT ORGANISING SECRETARY:
DR. ENAMUL HAQUE
SVT, INDRANI BANERJEE

Dr. Priyanka Halder Mallick
Associate Professor
Department of Zoology
Vidyasagar University
Paschim Medinipur

MEMBERS:
DR. JAYATI GHOSH
DR. INY KUNDU
DR. SRIKANTA GUJRA

**"Preserving Paradise:
Ecotourism as a Catalyst for
Environmental Sustainability and
the SDGs"**

A little effort towards saving the environment is better than none at all.

Department of Zoology celebrated the World Environment Day. Dr. Priyanka Halder Mallick, Associate Professor, Department of Zoology, Vidyasagar University, Paschim Medinipur delivered her lecture on "Preserving Paradise: Ecotourism as a Catalyst for Environmental Sustainability and the SDGs .

DEPARTMENT OF GEOGRAPHY
BARASAT GOVERNMENT COLLEGE
IN COLLABORATION WITH IQAC

CELEBRATES
ENVIRONMENT DAY
Beat Plastic Pollution

MONDAY 1 JUNE 23, 2023 | 12:00 NOON ONWARDS
VENUE: ROOM NO. 1, MAIN BUILDING

SEMINAR ON
**DHAPA: THE HUMAN FACE OF SOLID WASTE
MANAGEMENT IN KOLKATA**

KEYNOTE SPEAKER
Prof. Sukhmita Choudhuri
Professor and Head
Department of Geography
West Bengal State University

PATRON
Dr. Samar Chattopadhyay, WSES
Principal,
Barasat Govt. College

SPECIAL ATTRACTION
Cultural Performances by the
Students

ONLY ONE EARTH

GPS Map Camera

Kolkata, West Bengal, India
23, Ashutosh Ghosh Rd, Gupta Colony, Barasat, Kolkata, West
Bengal 700124, India
Lat 22.716946°
Long 88.480807°
05/06/23 12:49 PM GMT +05:30

The Department of Geography in association with IQAC celebrated The World Environment Day. Prof. Subhamita Chaudhuri, the distinguished Professor and Head of the Department of Geography at West Bengal State University, delivered a thought-provoking talk on 'Dhapa: The Human Face of Solid Waste Management in Kolkata.' The occasion also showcased a vibrant cultural program arranged by the students of the department.

National Yoga Day (21st June)



NATIONAL SCIENCE DAY 2023
 ORGANISED BY: DEPARTMENT OF CHEMISTRY
 SUPPORTED BY: IQAC, BARASAT GOVERNMENT COLLEGE
 24 FEBRUARY, 2023, 1:00 PM

DISCUSSION ON GENERAL SCIENCE

INVITED SPEAKER	CHIEF PATRON	ORGANISING COMMITTEE
 Prof. Syamal Chakrabarti Professor, Department of Chemistry, University of Calcutta	 Dr. Samar Chattopadhyay (W.B.S.E.) Principal, Barasat Govt. College	Dr. Prabir Kumar Bhattacharya, Head, Department of Chemistry & Other Teaching and Non- Teaching Staff, Department of Chemistry, Barasat Government College.



NSS Unit of Barasat Govt. College has observed the International Day of Yoga and organized different events on 21.06.2023

1. Volunteers have participated in Yoga competition.
2. Volunteers have participated in Poster competition.

Scholarship

Barasat Government College seeks to provide different types of scholarships to the students, especially to those who are financially weak but otherwise academically sound. Students also get Full and Half free ship depending on their attendance and marks. Students Welfare and Support Cell takes initiative to provide scholarship to the eligible students. Apart from the Government Scholarship, the Cell also provides all sorts of support so that they can also apply for the Private Scholarships like Jindal, Inspire etc. The students of the College get all sorts of support and help from the Convener and members of the Cell in matters related to Scholarships, Fee Waiver and Poor Fund. Moreover, the students also get full guidance and support from the Cell while applying for Students credit card.

A brief summary of the recipients of different schemes are given below for the year 2022-23:

Scheme Name	No. of Participants
K1 and K2	24
K3(Fresh and Renewal)	97
Minority (Fresh and Renewal)	580
SVMCM (Fresh and Renewal)	1827
Oasis	218
NSP	77
Private	54

Hence, during the session 2022-23, total 2877 students have been benefited by receiving scholarship. Apart from receiving Scholarship, our college also helped the students in waiving their fees, either partially or fully. Total 667 students have been benefitted by Half and Full free ship during 2022-23.



Awareness Programmes organised by Students Welfare and Support Cell during 22-23.

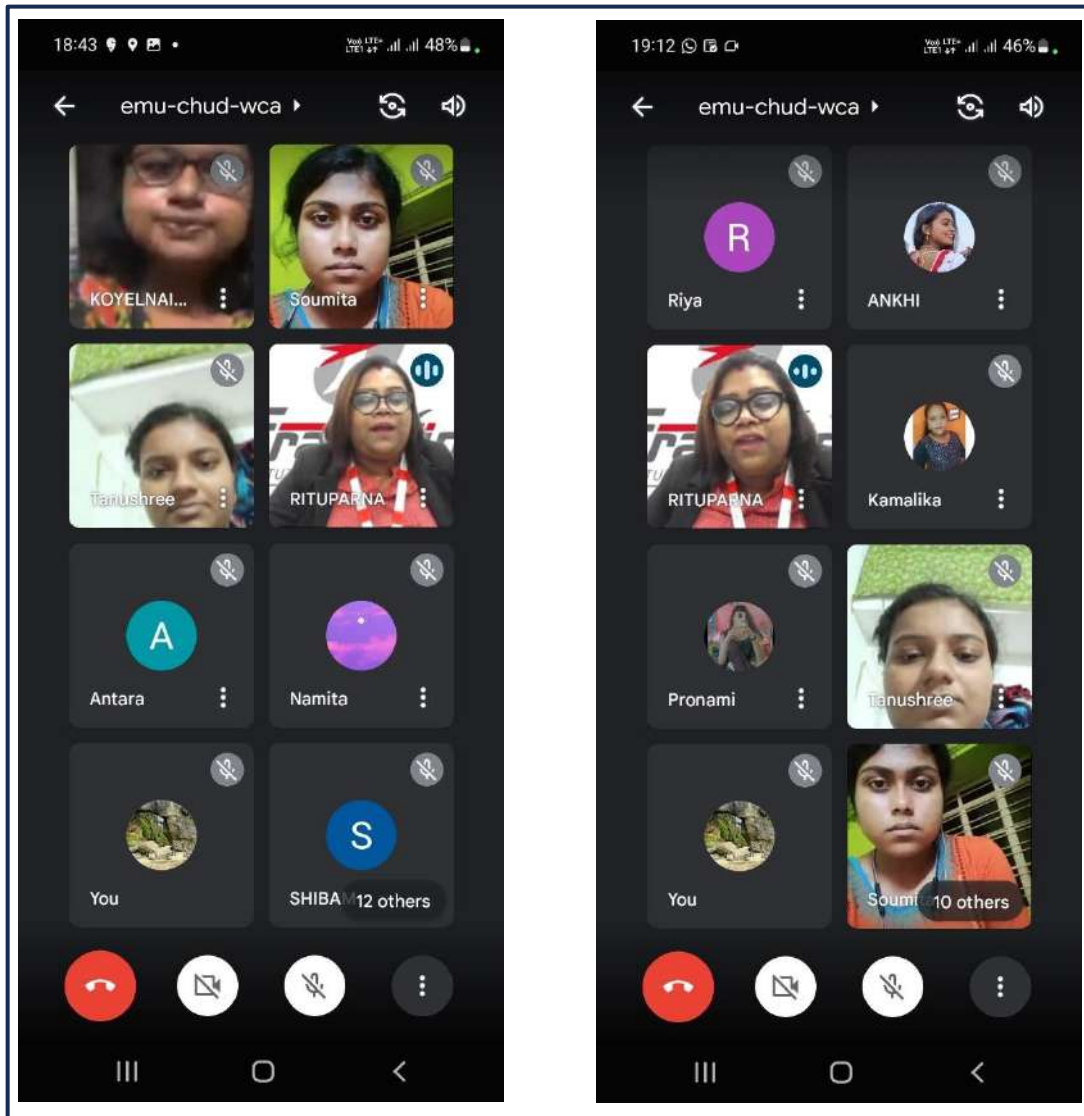
Career Counselling, Entry in Service and Placement Cell (in collaboration with various department, cell, and committee)

July 2022 to June 2023

Career Webinar on Aviation, Hospitality, and Travel Industry

http://bgc.ac.in/pdf/webinar/Frankfinn_September_2022.pdf

On 20 September 2022 a webinar was organized by the Career Counselling, Entry in Service and Placement Cell of this college on Career Options for Graduates with a special focus on the aviation, hospitality, and travel industry. Renowned professional training organization Frankfinn was the chief collaborator of that event.



Seminar on Exploring the Career Opportunities in Data Science

http://bgc.ac.in/news/admin/uploads/777a8_WhatsApp-Image-2022-09-15-at-15-43-38.pdf

On 22 September 2022 a seminar was jointly organized by the Department of Economics and Career Counselling, Entry in Service and Placement Cell of this college on Post Covid career opportunities and demonstration of the various data science courses .. Mr. Kavindra Kundu, Executive Director, Handson School of Data Science had acted as the resource person of this event.



Seminar cum Live Workshop on Web Design

<http://bgc.ac.in/pdf/webinar/live-workshop-on-website-design-28th-nov-2022.pdf>

The Career Counselling, Entry in Service and Placement Cell of this college in collaboration with the NIELIT centre had organized a Seminar cum Live Workshop on Web Design on 28 November 2022. This programme was interdisciplinary and interactive in nature.



Seminar on Building a Cutting Edge Career in 21st Century

<http://bgc.ac.in/pdf/webinar/Seminar-on-Building-a-Cutting-Edge-Career-in-21st-Century.pdf>

On 11 April 2023 an Orientation Seminar was organized by the Career Counselling, Entry in Service and Placement Cell in collaboration with Presidency University, Bengaluru. This programme was meant to make the B.A./B.Sc. Semester – VI students aware about the courses and subsequent career prospects of the courses offered at the said university. The major thrust of the programme was to introduce the students with different cutting-edge career opportunities which have job market demands in in 21st Century.



Career Talk on National Career Service Portal Cum Free Career Enhancement Training

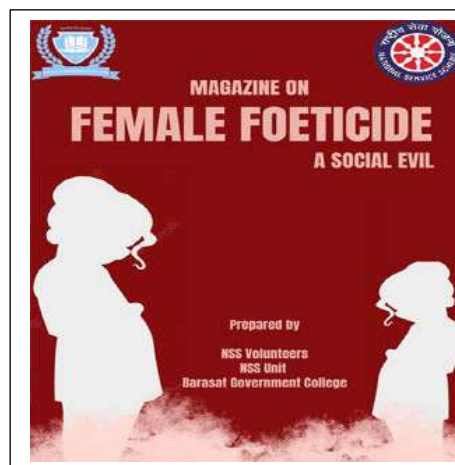
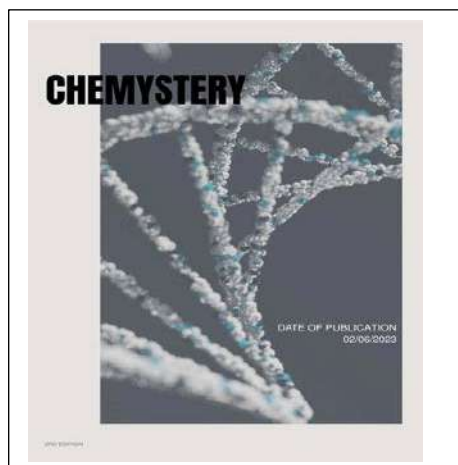
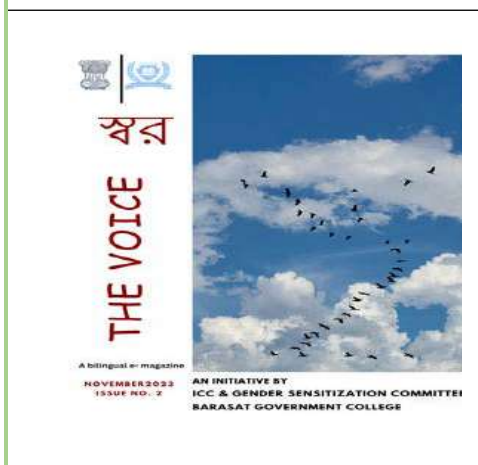
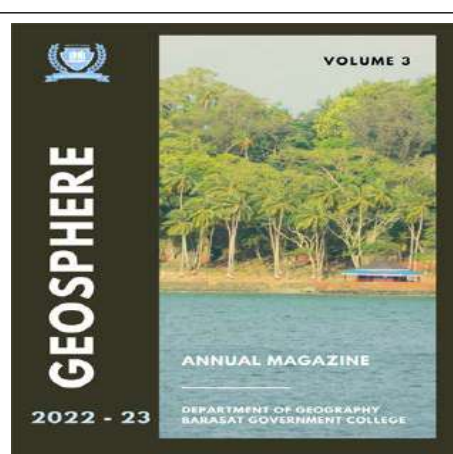
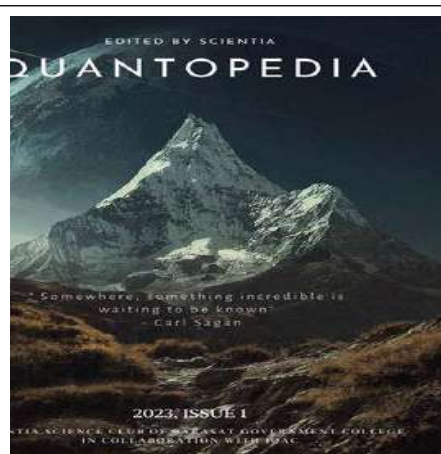
<http://bgc.ac.in/images/stories/webinar/img-20230423-wa0005.pdf>

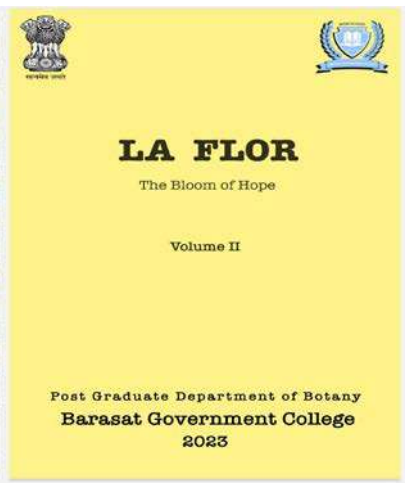
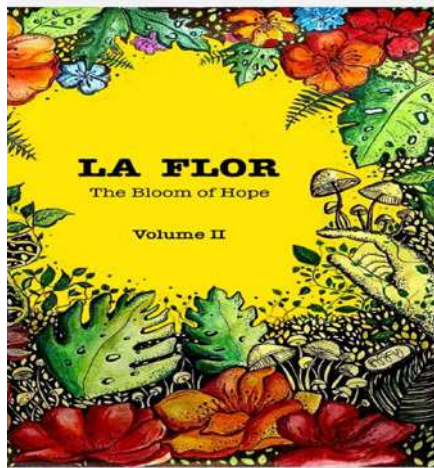
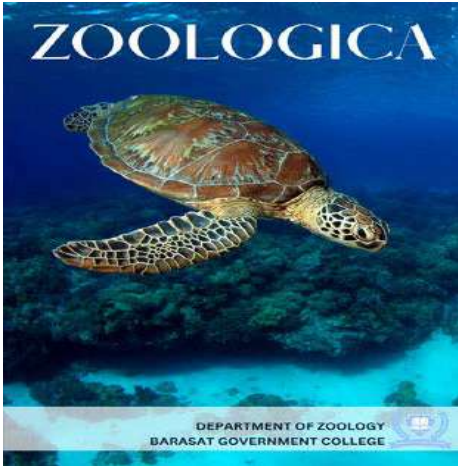
On 25 April 2023 an overview webinar was organized by the Career Counselling, Entry in Service and Placement Cell of this college in collaboration with National Career Service Centre for SC/ST, Government of India on Best Future Careers Cum on-Campus Recruitment Drive. 77 students participated in this event.



Our Magazines

Students' magazines provide a platform for students to unleash their creativity and express themselves. Whether it's through writing, artwork, photography, or even graphic design, these publications encourage students to explore their talents and share their perspectives with the community. SO we encourage our students to prepare magazines . Students of most of the departments publish magazines on a regular basis.





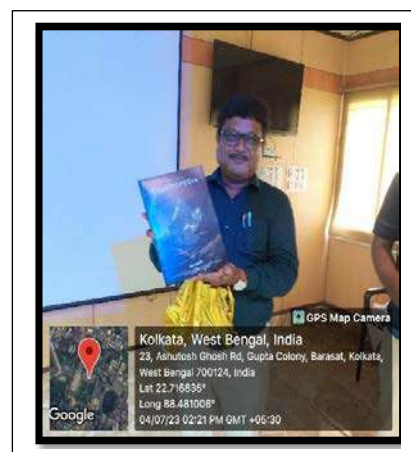
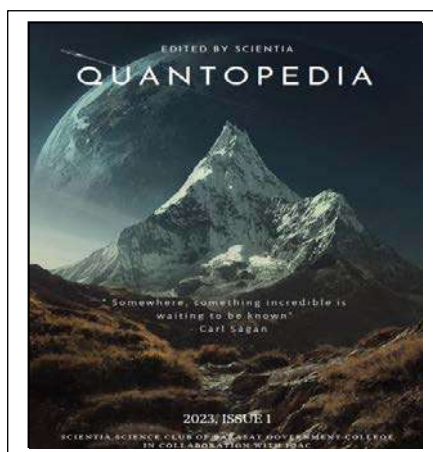
Our Science Club



- **“SCIENTIA”** the Science Club of Barasat Government College has been formed by formal notification on 9th September, 2022. It comprises of students of the departments of Physics, Mathematics, Chemistry, Botany, Zoology, Geography and Economics of the institution through voluntary participation. **To combat the growing trend of student apathy in taking up basic science as a field of study, the science departments have come together to form a Science Club for the promotion and popularization of basic science through creation of popular videos, posters, magazines etc. on scientific personalities, events and discoveries.**

Glimpses of the Events

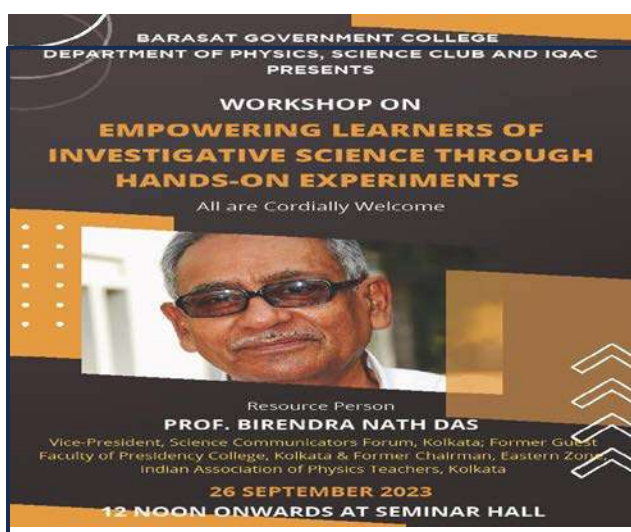
Inauguration of the 1st issue of the Science club magazine, **QUANTOPEDIA** and presentation of the videos produced by members of the science club. On 4.7.2023





Workshop on Investigative Science Experiments on 26.09.2023

Prof. Birendra Nath Das, Vice President, Science communicators Forum Kolkata demonstrated atleast 20 experiments and called on the students to have hands on experience in handling the apparatus. An overwhelming response was evident by the participation and engagement of the students with the Professor.



Interactive Meet with High School students on 12.10.2023

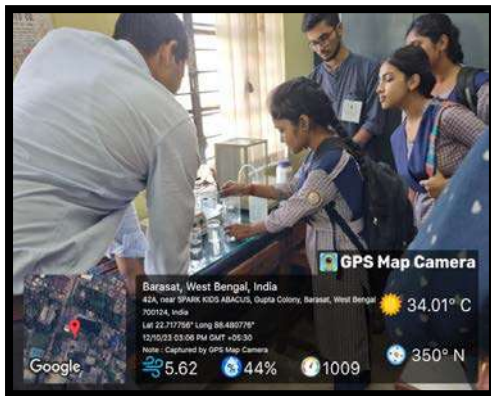
To introduce school students to the joys of science through participation in postermaking and essay writing, to acquaint school students to the various laboratory techniques and instruments available in the college laboratories so as to generate interest in science and to help members of the science club learn the skills of planning, organizing and presenting science programs as well as demonstrating and explaining experiments in a lucid manner, the meet has been arranged.



Poster Competition



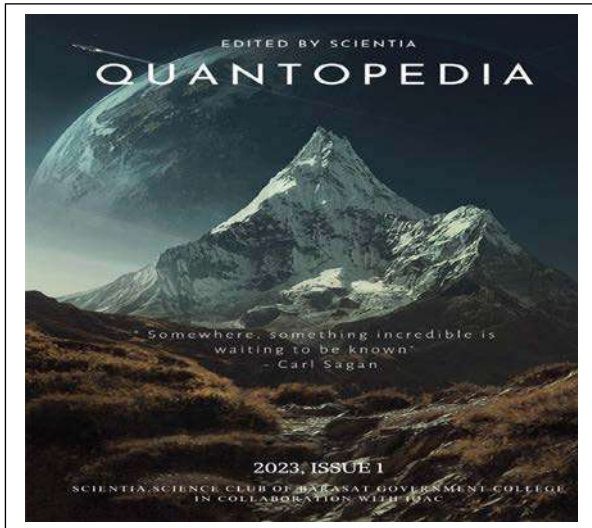
Laboratory Demonstration



Award Giving Ceremony



Science Club Magazine



Posters Created by Students

WORLD LABORATORY ANIMAL DAY

24 TH APRIL

- Over 100 million experiments are conducted on animals in the United States alone each year.
- Scientists conduct 53% of their research on guinea pigs, rabbits and hamsters.
- 95%-95% of research animals are not protected by law.

PREVENTION

Non animal testing methods include Cell Culture, Organ on a chip technology, In-vitro testing, Computer Modelling and Medical imaging etc. can use instead of animal testing.

"DON'T USE ANIMALS AS SAMPLE OR PROP. THEY ALSO HAVE HEART AND THEY HAVE THE RIGHT TO LIVE JUST LIKE HUMAN BEINGS."

DEPARTMENT OF ZOOLOGY,
BARASAT GOVERNMENT COLLEGE

Forests: The Lungs of Our Planet

International Day of Forests
21 MARCH

Barasat Government College
Department of Botany

Forests are the solution. Deforestation is the problem.

Clean air, water, better climate. Increase in pollution, climate change.

Absorb 2.4 billion metric ton CO₂/year. Call of action.

Habitat of other organisms. Our Choice, Our Future. Save Forest, Save Earth.

Plant a tree. Plant a tree. Plant a tree.

Plant a Tree, Protect Our Future

DISCOVERY OF ELECTRON

30th April

J.J. THOMPSON'S experiments (1897) with cathode ray tubes showed that all atoms contain tiny negatively charged subatomic particles or electrons. Thomson proposed the plum pudding model of the atom, which had negatively charged electrons embedded within a positively charged "soup."

1856-1940

Charge: $-1.60217663 \times 10^{-19}$ coulombs
Mass: $9.1093837 \times 10^{-31}$ kilograms

Proton gives an atom its identity, electron its personality.

Department of Chemistry
BARASAT GOVERNMENT COLLEGE

15th March: World Consumer Rights Day

Fair and Responsible AI for Consumers

"AI is Likely to Be Either The Best or Worst Thing to Happen to Humanity."
— Stephen Hawking

Barasat Government College
Department of Economics

LET'S JOIN HANDS TO RECYCLE TODAY FOR A CLEANER, GREENER TOMORROW

IF YOU WANNA SHOW THE EARTH IT'S A AN, RECYCLE MERE YARR!

Recycling

BY RECYCLING, WE REDUCE THE STRAIN ON OUR PLANET'S RESOURCES AND POLLUTION.

EVERY CARBOTTLE OR PAPER PRODUCT WE RECYCLE IS A STEP TOWARDS CONSERVING ENERGY AND PROTECTING WILDLIFE HABITATS.

GLOBAL RECYCLING DAY
MARCH 18, 2024

Barasat Government College
Department of Geography

World Wetland Day

February 2

WETLANDS ARE BIOLOGICALLY DIVERSE

Marshes, ponds, estuaries, mangroves, lakes are highly moisturised.

WETLANDS ARE LIFE

- CONTROLS EROSION
- ENHANCES WATER QUALITY
- MAINTAIN STREAM FLOW
- HOME FOR MANY ENDANGERED & THREATENED SPECIES
- NOT SPACE REQUIREMENT IS A PROBLEM FOR RESTORATION IN THE LOCATION OF HIGH POTENTIAL

PROTECT OUR WETLANDS !!

Wetland for our future sustainable livelihoods

Barasat Government College
Department of Zoology

BARASAT GOVERNMENT COLLEGE
DEPARTMENT OF ZOOLOGY

SCIENTIA

MERSLES IMMUNISATION DAY

16 March

MEASLES AND RUBELLA CAN BE PREVENTED WITH TWO DOSES OF MMWR VACCINE.

MEASLES IS HIGHLY INFECTIOUS AND LIFE TAKING FOR VULNERABLE CHILDREN

DON'T LET YOUR CHILD CATCH IT

CAUSES: SHARING FOOD WITH INFECTED PERSON, SHAKING HANDS WITH INFECTED PERSON, FROM INFECTED MOTHER TO BABY DURING PREGNANCY

SIGNS & SYMPTOMS: COUGH, FEVER, SPOTS ON SKIN

PREVENTION & TREATMENT: WEARING MASK, ISOLATION, VACCINATION

IF MEASLES MOVE FAST, WE MUST MOVE FASTER

π

MARCH 14 TH

International PI Day

Celebrating with SCIENTIA

TAKE CONTROL STOP AIDS

LET US STAND UP & CREATE MORE AWARENESS FOR A HAPPY FUTURE ON

World AIDS day

1st December

- Never share needles and use sterile needles.
- Get tested and treated early.
- Avoid unprotected sex.
- Be aware of contaminated blood transfusion
- Avoid breast feeding who are infected.

Today AIDS is not death sentence. We can ensure an AIDS-free world by making everyone aware of this disease

Barasat Government College

"From Field To Family, Let's Make Every Meal Matter"

Let's Celebrate the **WORLD FOOD DAY** On 16th October

"Empower, Educate, Eradicate Hunger."

Barasat Government College
Department of Botany
SCIENTIA

17th October: International Day for the Eradication of POVERTY

Invest in Children TODAY secure a poverty-free TOMORROW

Breaking The Poverty Chain !!!

"We have to find a way to get the children into a classroom, ideally taught by a well-trained teacher, and the rest will take care of itself." — Abhiit Yitayak Benerjee & Esther Duflo

Barasat Government College
Department of Economics

MOLE IN CHEMISTRY

What is a mole? Mole Day! 23rd October

One mole is the amount of a substance that contains exactly 6.022 x 10²³ atoms, molecules, ions. This number is known as AVOGADRO NUMBER

6.022 x 10²³
6.02am-6.02pm
6.022 x 10²³

LEONARD HAZARD (1876-1957) ITALIAN SCIENTIST

Why we use moles?

1 MOLE CARBON = 6.022 x 10²³ CARBON ATOMS

How we calculate mole?

Mole no. = Mass of the given sample / Molar mass of the sample

WHAT IS MOLAR MASS?

LET'S DISCUSS SOME IMPORTANT FACTORS

Molarity = Mol of solute of volume of solution in L

Molality = Mol of solute of mass of solvent in kg

Normality = Mol of gram equivalent of solute of volume of solution in L

Mole symbol → mol

Barasat Government College | Department of Chemistry

5TH NOVEMBER WORLD TSUNAMI AWARENESS DAY

"Be TSUNAMI Aware"

- BE ALERT TO SIGNS OF A TSUNAMI
- LISTEN TO THE RADIO OR TELEVISION FOR ADDITIONAL INFORMATION
- STAY OUT OF DANGER ZONE IMMEDIATELY SAFE
- GO TO HIGH GROUND IMMEDIATELY
- PLAN FOR FAMILY COMMUNICATION AND EVACUATION

MOTIVE OF THIS DAY TO INCREASE THE AWARENESS ABOUT TSUNAMI AMONG OVER 700 MILLION PEOPLE LIVE IN LOW-LYING COASTAL AREAS AND SMALL ISLANDS.

Barasat Government College
Department of Geography

EINSTEIN'S MASS-ENERGY EQUIVALENCE

$E = mc^2$

"DOES THE INERTIA OF A BODY DEPENDS UPON ITS ENERGY CONTENT?"

EINSTEIN FIRST DERIVED MASS-ENERGY EQUIVALENCE IN HIS 1905 ANNUS MIRABILIS PAPER, PUBLISHED IN THE JOURNAL ANNALEN DER PHYSIK.

RAISING THE TEMPERATURE OF AN OBJECT INCREASES ITS MASS. THE WORLD'S PRIMARY MASS STANDARD FOR THE KILOGRAM, MADE OF PLATINUM AND IRIUM, IF ITS TEMPERATURE IS ALLOWED TO CHANGE BY 1 °C, ITS MASS CHANGES BY 3.5 MICROGRAMS.

THE MASS OF THE NUCLEUS IS SLIGHTLY LESS THAN THE SUM OF THE INDIVIDUAL MASSES OF ITS CONSTITUENT PARTICLES. THIS MASS DEFICIT IS CONVERTED INTO THE BINDING ENERGY THAT HOLDS THE NUCLEUS TOGETHER, FOLLOWING E=mc²

Barasat Government College | DEPARTMENT OF PHYSICS

Barasat Government College
Department of Zoology
SCIENTIA

WILD LIFE WEEK

2nd-8th October

SPEAK for those who can't speak for themselves

PROTECT PRESERVE PROMOTE

We don't own the planet Earth, we belong to it. And we must share it with our WILD LIFE

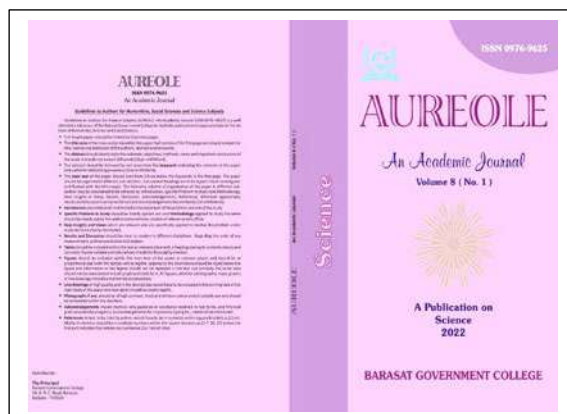
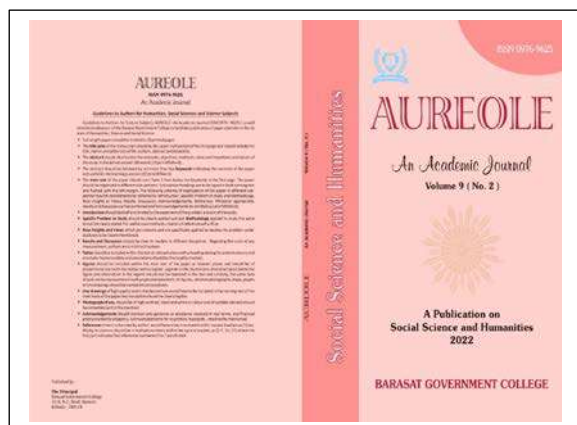
Let's take shot with CAMERA not GUN

List of Uploaded Videos on Our College YouTube Channel

Discipline	Video Title	You tube link
BOTANY	M.S. Swaminathan: The father of green revolution of India	https://youtube.com/watch?v=xx-OUHC8CdQ&si=ZKDHavOD8f2f8H9C
	Unveiling Janaki Ammal: A Botanist's Journey through Time	https://youtu.be/5gt8ny1Snkc?si=DM6ZyKwIAycogVRz
CHEMISTRY	Fritz Haber : Genius or Genocider	https://youtube.com/watch?v=CSL-MC6IUUg&feature=share9
	C.V.Raman and Raman Effect	https://youtu.be/GEHuUBvQj2A?si=QgHdu1jTACmG1IqF
ECONOMICS	Milton Friedman : Economic Genius	https://youtube.com/watch?v=j5ywnzwR39w&feature=share9
	Unveiling Amartya Sen: A life of Ideas	https://www.youtube.com/watch?v=J10Ta6q_GCQ

GEOGRAPHY	S.P. Chatterjee: Father of Indian Geography	https://youtu.be/1UcwA7IUu6c
	World Soil Day	https://youtu.be/1gRIeCDsjow
MATHEMATICS	Kurt Gödel :Unraveling the Mind	https://youtu.be/CvY63jUPQCg?si=P3RrCcaU3yjHK5Uc
PHYSICS	Homi J. Bhabha: Indian Nuclear Physicist	https://youtube.com/watch?v=Oc9OrnQQzPM&feature=share9
	Bose: The Man Who counted Photons	https://youtu.be/NTy_IH0j1F4?si=BL7XeylozUr77rSY
ZOOLOGY	Gopal Chandra Bhattacharya : 1st entomologist of India	https://youtu.be/vF_I7iLKDsg
	National Wildlife Week: The Voice for the Voiceless	https://youtu.be/zxN0ABG1baM?si=4dv3_YvXd5AZTgxi

Our Academic Journal----AUREOLE





We have published Aureole ----our academic journal, bearing ISSN no 0976-9625, 9th volume , 1st & 2nd issue on 12th December 2022. Our honorable principal sir Dr. Samar Chattopadhyay inaugurated the issue in his chamber in presence of the teachers and students of the college.

Awareness Regarding Gender Discrimination ----- Our Initiatives

BARASAT GOVERNMENT COLLEGE
 NAAC-A GRADE & DST-PST SPONSORED COLLEGE
 ESTD-1950
INTERNATIONAL SEMINAR
ON
"UNDERSTANDING GENDER IDENTITY"
"লিঙ্গ চেতনা"
ORGANISERS: DEPARTMENT OF HISTORY AND IQAC
Speakers: Dr. Sayan Bhattacharya
 Assistant Professor, University of Maryland, USA
Mx. Sintu Bagui
 Founder: Kolkata Anandam
 Dr. Soma Roy
 Kolkata Anandam
Chief Patron: Dr. Samar Chattopadhyay
 Principal (W.B.S.E.S.)
 Barasat Government College
Date: 16 December 2022

BARASAT GOVERNMENT COLLEGE
GENDER SENSITIZATION COMMITTEE AND INTERNAL COMPLAINTS COMMITTEE,
BARASAT GOVERNMENT COLLEGE
CELEBRATE
WOMEN'S HISTORY MONTH, MARCH 2023
DATE : 27.03.2023 **TIME : 12 NOON**
VENUE: SEMINAR HALL, ANNEXE BUILDING

INTERNAL COMPLAINTS COMMITTEE
 in association with
DEPARTMENT OF CHEMISTRY
 Barasat Government College
 presents
GENDER
SENSITIZATION
WORKSHOP

Resource Person : Paromita Bhattacharyya

26.05.2023



Gender sensitization aims to create a more equal and just society where individuals are not discriminated against based on their gender. In order to make students aware of gender discrimination, most of the departments organised gender sensitization prog in collaboration with ICC.

Our Students' Week Celebration

We have celebrated students' week from 2nd to 7th January 2023 which is a Government of West Bengal initiative. In this week different types of programmes have been organised. Special initiatives have been taken to promote discussions on Career Counselling, Scholarship, Students Credit Card, Job opportunities for the final year students etc. Through these awareness programmes, students became enriched and motivated. Students took part in various programs and competitions--- singing, dancing, extempore, essay writing, recitation etc, these have enhanced their capabilities and confidence, increased team spirit and fellow feelings in them. There was also a cultural programme and prize distribution on the final day. Students' Week, in a nutshell, focused on the overall development of the students and made them aware about different beneficial schemes implemented by the State

Program Schedule

BARASAT GOVERNMENT COLLEGE

STUDENTS' WEEK PROGRAMME (2nd January – 7th January' 2023)

(Vide G.O. No. 238-SSE/2022 dated 27/12/2023)

On 1st week of January, 2023 one week long "Students' Week" will be celebrated by the faculties, non-teaching staff, and the students of this college, under the supervision of **Dr. Samar Chattopadhyay, Principal, Barasat Govt. College. The program has been framed and designed by the Principal, BGC, in collaboration with IQAC, and Teachers' Council, BGC.**

2nd January: WEBINAR

Google Meet Video call link: TBA

- Inauguration of the program by Dr. Samar Chattopadhyay, Honbl. Principal, BGC Dr. Prabir Kr. Bhattacharyya, TCS, BGC & Dr. Abhijit De, Coordinator, IQAC, BGC (12.00 noon)
- Career opportunities for Undergraduates and Post Graduates for General Stream Students

Dr. Jaydip De, Asst. Prof of Geography, Barasat Govt. College (12.30 p.m.-1.30 p.m.)

- Career Opportunities in Biological Sciences: A global perspective.

Dr. Dibyendu Sekhar Mohanty, Asst. Prof. of Botany, Barasat Govt. College (1.30 p.m. – 2.30 p.m.)

Co-ordinators: Dr. Srikanta Guria, Ms. Kaushiki Banerjee, Ms. Shrabana Mazumder, Dr. Nirmalendu Das, Dr. Anuradha Bandopadhyay

3rd January: WEBINAR

Google Meet Video call link: TBA

- Different types of Government Scholarships for students in Colleges and Universities: Nature, Eligibility Criteria & Benefits.

Smt. Debashree Dutta, Asst. Prof of Philosophy, Barasat Govt. College (12.30 p.m.-1.30 p.m.)

- Career Opportunities in Basic Sciences (Physics, Chemistry, Mathematics)

Dr. Shobhan Mandal, Asst. Prof. of Mathematics, Barasat Govt. College (1.30 p.m. – 2.30 p.m.)

Coordinators: Dr. Rituparna Kundu Chowdhury, Dr. Sarajit Biswas, Dr. Ambarish Ray, Dr. Sohini Gupta

4th January: Programme organized by the different departments and Teachers' Council

- Parents'- Teachers' Meeting

B.A. General Courses: 10 a.m. – 12 noon (Room No. 1)

B.Sc. General Courses: 2 p.m.- 4 p.m. (Chemistry Gallery)

All Hons. Courses: 12 p.m. – 2 p.m. (Organized by the departments)

5th January: Inter- departmental Competition: Blended Mode

- Recitation

Coordinators and Judges: Dr.Kisalaya Jana, Jyotirmoy Roy, Adrija Chowdhury, Dr. Nivedita Chakraborty(Dutta)

- Instant Speech

Coordinators and Judges: Dr. Sreemoyee Ghosh, Dr.Urmita Roy, Dola Chattopadhyay, Dr. Sourama Saha, Ms. Adrija Chaudhuri

- Essay Competition (within 750 words)

Theme (Any One) 1. A perfect world as you see it. 2. Gender inequality

Coordinators and Judges: Dr. Nivedita Chakraborty (Dutta), Mr. Pritam Bandyopadhyay, Mr. Debapratim Chakraborty, Dr. Kisalaya Jana, Dr. Ivy Kundu

- Singing

Coordinators and Judges: Dr. Aditi Bhattacharyya, Dr. Ambarish Sen, Dr. Sumana Saha, Shrabana Mazumder, Dr. Antara Banerjee, Jyotirmoy Roy

- Poster/Drawing Competition (To be submitted within 4th January 4.00 p.m.)
Theme: In the cold, in the rain, in the dark.... Journey of a mother

Coordinators and Judges: Dr. Madhuchhanda Bhattacharyya, Dr. Enamul Haque, Ms. Poulomi Saha, Dr. Jayati Ghosh, Dr. Ruksanara Begum)

6th January: WEBINAR

Google Meet Video call link: TBA

- Student Psychological Counselling and Mentoring: (12.30 p.m. – 1.30 p.m.)

Special Lecture: Understanding depressions
Paromita Bhattacharyya, SACT, Dept. of Bengali, BGC

Coordinators

Humanities: Dr. Debjani Ray Moulik, Dr. Madhuchhanda Bhattacharyya, Ms. Deboshree Dutta, Mukut Basu

Science Stream: Dr. Soma Nath Deoghoria, Dr. Ajita Sengupta, Dr. Sautrik Basu, Indrani Banerjee

Special Lecture: Importance of NAAC accreditation: the role of students on development of quality of education, infrastructure, teaching, & research in colleges
Dr. Madhusudan Ghosh, Associate Professor of Physics (1.30 p.m. -2.30 p.m.)

Coordinators: Dr. Sudip Mukherjee, Dr. Jaydip De, Dr. Shovan Mandal, Dr. Somaditya Dey, Amrita Bandyopadhyay

Special Lecture: Awareness activities on health and social issue's & Orientation program of NSS

Dr. Balaram Das (2.30 p.m.-4.30 p.m.) & NSS Committee, BGC

7th January: Blended Mode

- Students' Cultural Programme (1.00 p.m. - 3.00 p.m): Organized by Cultural Committee, BGC

*** GOVERNMENT OF WEST BENGAL ***
 *** BARASAT GOVERNMENT COLLEGE ***

JANUARY 02-07 2023

WELCOMING YOU ALL

★ **STUDENTS' WEEK 2023** ★
 WE LOOK FORWARD TO SPENDING THE WEEK WITH YOU.

ONLINE, FACE-TO-FACE & IN BLENDED MODE

MAIN BUILDING, ANNEX BUILDING, & COLLEGE GROUND

FREE ENTRY
 CONTACT: 833 2552 3365
 VISIT OUR WEBSITE FOR MORE DETAILS

GET A HEAD START FOR YOUR CAREER
 LEARN THE SCOPE AND OPPORTUNITIES
 AWARENESS ON STUDENT'S SCHOLARSHIPS,
 FELLOWSHIPS & CREDIT CARDS
 STUDENT'S PSYCHOLOGICAL COUNSELING &
 CAREER COACHING
 SBI, SBIDBI, BANKS, SAVING, REGISTRATION,
 SPORTS COMPETITION & CULTURAL PROGRAM
 SPECIAL AWARENESS PROGRAM (SAP)

BARASAT GOVERNMENT COLLEGE
 presents

STUDENTS' WEEK 2023

DAY 1, Webinar
 MONDAY, JANUARY 2, 2023

Topic: Career Opportunities for UG & PG general stream students (12:30pm-1:30pm)
 Speaker: Dr. Jaydip De, Asst. Prof of Geography, BGC

Topic: Career Opportunities in Biologic Sciences: A global perspective (1:30pm-2:30pm)
 Speakers: Smt. Dibyendu Sekhar Mahanty, Asst. Prof of Botany, BGC & Dr. Amit Mitra, Asst. Prof (Pharmacogenomics), Harrison College of Pharmacy, Auburn University, U.S.A.

meet.google.com/rsb-ozri-tqx

BARASAT GOVERNMENT COLLEGE PRESENTS STUDENTS' WEEK 2023

DAY2, WEBINAR
 TUESDAY, JANUARY 3, 2023

Topic: Different types of government scholarships for students in colleges and Universities: Nature, Eligibility, Criteria and Benefits
 Speaker: Smt. Debashree Dutta, Asst. Prof. of Philosophy, Barasat Govt. College
 Time: 12.30 pm -1.30 pm

Topic: Career Opportunities in Basic Sciences (Physics, Chemistry and Mathematics)
 Speaker: Dr. Shobhan Mandal, Asst. Prof. of Mathematics, Barasat Govt. College
 Time: 1.30 pm -2.30 pm

BARASAT GOVERNMENT COLLEGE
 STUDENTS' WEEK 2023

ESSAY COMPETITION
 5 JANUARY 2023

TOPIC: THE PERFECT WORLD AS YOU SEE IT/ তোমার মনে আদর্শ পৃথিবী OR GENDER INEQUALITY/ লিঙ্গভেদ

REQUIREMENTS
 • Language: English or Bangla
 • Word Limit: 750
 • Hand written on A4 sized paper

SUBMISSION
 • Submit by 3 pm on 5.1.23
 • Submission by hand to be made to any of the teachers mentioned below
 • Students must show their identity cards during submission

COORDINATORS: PRITAM BANERJOPADHYAY, NIBEDITA CHAKRABORTY (DUTTA), KIBALATA JANA, IYI KUNDU, DEBAPRATIM CHAKRABORTY
 FOR QUERIES: 8017770440 (ENG) 7092310923 (BENG)

BARASAT GOVERNMENT COLLEGE
 STUDENTS' WEEK 2023

সার্বিক প্রতিকূলতা
 প্রতিযোগিতা
 তারিখ: 05/01/23
 সময়: দুপুর ১ টা
 স্থান: কলেজের কক্ষ, অধ্যক্ষের কার্যালয়
 নির্দেশিত বিষয়ে একটি পত্রিকা/পোস্টার তৈরি করে
 ১. মনে থাকবে না / সপ্তম জট্টাচার
 ২. অসমতা/সমতা/সুখ/দুঃখ
 ৩. কল্পনা/সত্য/অসত্য/স্বপ্ন/স্বপ্নের
 ৪. পুরুষ/স্ত্রী/মহিলা/পুরুষ

একজন প্রতিযোগীকে নির্দেশ করা হবে
 একটি পত্রিকা/পোস্টার তৈরি করতে হবে।
 নির্দেশিত বিষয়ে একটি পত্রিকা/পোস্টার তৈরি
 করে নির্দেশিত বিষয়ে একটি পত্রিকা/পোস্টার
 তৈরি করতে হবে।

জ্যোতিষ্ময় রায় (লাইব্রেরী বিভাগ),
 কিশলয় জানা (বাংলা বিভাগ)।
 বি.স. কবিতার কপি প্রতিটি বিভাগের কক্ষে
 পাওয়া যাবে।

BARASAT GOVERNMENT COLLEGE
 STUDENTS' WEEK CELEBRATION 2023

INSTANT SPEECH COMPETITION
 DATE: 5TH JANUARY 2023
 Time: 12 Noon
 VENUE: ANNEX BUILDING, GROUND FLOOR, ROOM NO-120

Interested students are hereby requested to submit their names to any one of the following teachers within 5 pm, tomorrow (5th Jan) over phone.
 Dola Chattopadhyay (8972323440)
 Dr.Sourama Saha(9073835721)
 Dr.Urmila Ray(9064961943)

BARASAT GOVERNMENT COLLEGE
 STUDENTS' WEEK, 2023
 Day 2, Thursday January 5, 2023
 POSTER DRAWING COMPETITION

Theme: In the cold, in the rain, in the dark... Journey of a mother

Rules:
 ✓ Size: A4 paper (only hand drawing artwork / poster)
 ✓ Colour: any medium
 ✓ Only one submission per participant
 ✓ Artwork should be original and personally executed
 ✓ Evaluation will be made based on originality, presentation and creativity

Last Date and Time of Submission:
 5th January, 2023 (before 2 pm)
 Submit your work to:
 Dr. Madhuchanda Bhattacharyya
 Ms. Padomi Saha (Main staff room)
 Dr. Joydip Ghosh and Dr. Enamul Haque (Dept. of Zoology)
 Dr. Rukmanoo Begum (Dept. of Geography)

Theme: In the cold, in the rain, in the dark.... Journey of a mother.
 Bengali version:
 বৃষ্টি-শৈত্য-অন্ধকার সার্বিক
 প্রতিকূলতাকে অতিক্রম করেও
 মায়ের যাত্রা অব্যাহত থাকে।

BARASAT GOVERNMENT COLLEGE
 STUDENTS' WEEK CELEBRATION 2023

সঙ্গীত প্রতিযোগিতা
 তারিখ: ৬ই জানুয়ারী, ২০২৩
 সময়: বেলা ১টা
 স্থান: কলেজ

বিষয়: দর্শনাত্মক অথবা মনোবৈজ্ঞানিক
 নিয়মাবলী: ৪ মিনিট সময়ের মধ্যে উপরিউক্ত
 বিষয়ে যেকোনো একটি গান গাইতে হবে
 আপাতীকাল বিক্রেণ চারটের মধ্যে নিয়মিত
 যেকোন একজনের কাছে নাম জমা দেওয়ার
 অনুরোধ জানানো হচ্ছে।
 ড. মুন্না সাহা (প্রাণিবিদ্যা), ড. অনিডি জট্টাচার্য
 (পংকজ), ড. অম্বরীশ সেন(ইংরেজী), ড. শ্রবণ
 মজুমদার (জুগোল)
 যেকোনো প্রশ্নের ক্ষেত্রে নিম্নলিখিত সম্বন্ধে যোগাযোগ করা যাবে
 নাম: 9830175229,9433252269

BARASAT GOVERNMENT COLLEGE
 PRESENTS
 STUDENT'S WEEK CELEBRATION-2023

DAY-5
 6th January, 2023
 Programme organized by Student Psychological Counseling & mentoring Cell

Special Lecture: UNDERSTANDING DEPRESSIONS
 Speaker: Dr. PARAMITA BHATTACHARYYA
 SACT, Department of Bengali, Barasat Govt. College

Venue: Room No: 1
 Time: 12.30 - 1.30 PM

BARASAT GOVERNMENT COLLEGE
Presents

STUDENTS' WEEK 2023

Session 01
Beginning at 12:30 pm
SPECIAL LECTURE ON
UNDERSTANDING DEPRESSIONS
Speaker: **Smt. Parvanta Bhattacharya, SACT,**
Dept. of Bengali, BGC

Session 02
Beginning at 1:30 pm
SPECIAL LECTURE ON
IMPORTANCE OF NAAC ACCREDITATION/ THE ROLE OF STUDENTS ON DEVELOPMENT OF QUALITY OF EDUCATION, INFRASTRUCTURE, TEACHING, & RESEARCH IN COLLEGES
Speaker: **Dr. Prabir Bhattacharya, Associate Professor,**
Dept. of Chemistry, BGC

Session 03
Beginning at 2:30 pm
SPECIAL LECTURE & ORIENTATION PROGRAMME OF NSS ON
AWARENESS ACTIVITIES ON HEALTH AND SOCIAL ISSUES
Speaker: **Dr. Balaram Das, NSS Programme Officer & Assistant Professor,**
Dept. of History, BGC

Day 05 | Friday
January 06
2023
Venue: Room No. 1

BARASAT GOVERNMENT COLLEGE
Presents

07 JANUARY, 2023
12:30PM

CULTURAL PROGRAMME

Venue: **SEMINAR HALL, ANEX BUILDING (DEPARTMENT OF BENGALI)**

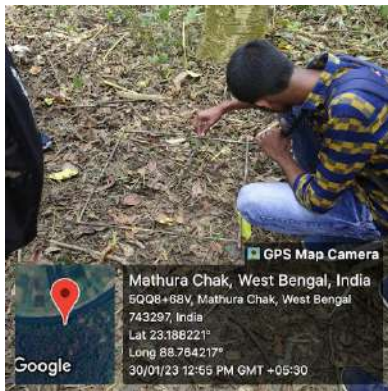
Organizing Committee: **Cultural Committee, Barasat Government College**



Educational Excursion and Other Miscellaneous Activities

Department of Zoology conducted Educational excursion along with CBCS Sem 1 Under Graduate and PG students to visit Bibhutibhusan Wildlife Sanctuary (formerly Parmadan Forest), North 24 Parganas district, WB, on 30.01.2023.





Quadrat study and sample collection and Pitfall study and sample collection and insect collection



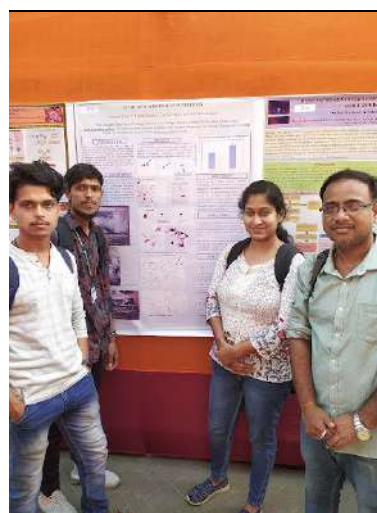
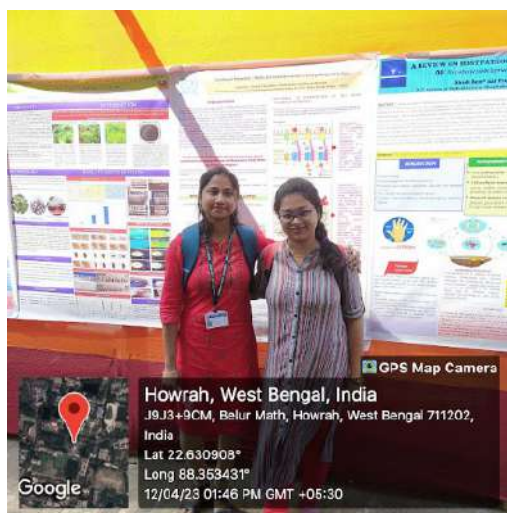
Visit to Vivekananda Institute of Biotechnology

Post Graduate Sem IV students of Zoology visited Vivekananda Institute of Biotechnology, Ramakrishna Mission Ashram, Nimpith, South 24 Parganas, West Bengal on 10.04.2023 for studying the Biofertilizer Technology, Horticultural Biotechnology, Plant Tissue Culture, Mushroom Technology, bioenergy, vermicomposting process along with the teachers.



Participation at State Level Seminar & poster presentation competition sponsored by Swami Vivekananda Research Centre (SVRC)

PG Zoology students of Sem IV with their teachers participated State Level Seminar & poster presentation competition sponsored by Swami Vivekananda Research Centre (SVRC) on Selection or Elimination! – Which one does a Virus offer? Organized by RKM Vidyamandira, Belur, Howrah on 12th April, 2023.



Visit to Department of Zoology, University of Calcutta

M.Sc. Semester-IV students (Elective: Parasitology & Immunology) along with Dr. Ivy Kundu and Dr. Srikanta Guria visited Immunology Lab of Professor Arindam Bhattacharyya and Genetics lab of professor Madhusudan Das, Department of Zoology, University of Calcutta on 26.04.2023 and found following process like Centrifugation, Polymerase Chain Reaction (PCR), SDS PAGE or Sodium Dodecyl Sulphate-Polyacrylamide Gel Electrophoresis, Agarose gel electrophoresis, Gel documentation systems, Flow Cytometry, FACS, Cell culture facilities and Histopathological analysis of tissues like histological alteration of rat spleen due to malaria infection.



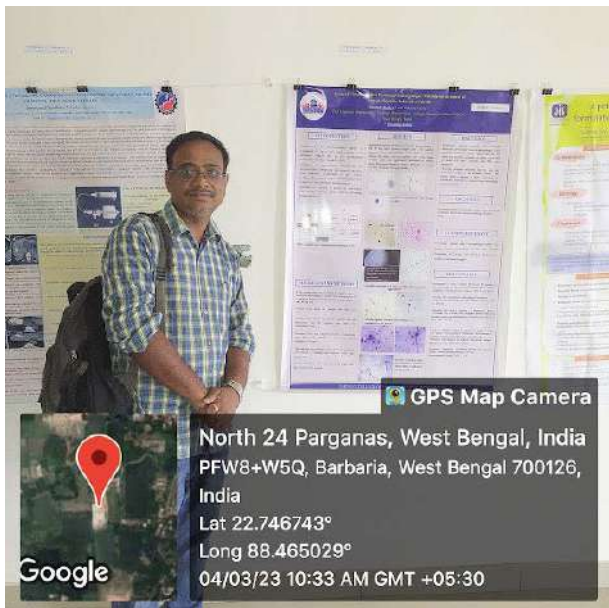
Excursion to Murti, Gorumara National Park, Chapramari (Dooars)

Students of Department of Zoology visited Murti, Gorumara National Park, Chapramari (Dooars) and adjoining areas (West Bengal), North Bengal Wild Animal Park (Bengal Safari), Salugara and adjoining areas (West Bengal) for an educational excursion along with CBCS Sem 3 and 5 Under Graduate students.





Oral and poster presentation at conferences of ECPT/P-09/2023 Eminent College of Pharmaceutical Technology Barasat, in association with Bioequivalence Study Centre Jadavpur University on 3rd & 4th March, 2023



Participation and Paper Presentation at Conference

One of the Teachers (SACT) & M.Sc. SEM-IV Student of Post Graduate Dept. of Zoology, Barasat Government College attended Two Day International Conference “Zoo-Spectra 2022” organized by Dept. of Zoology, University of Calcutta on 5th-6th December, 2022 & presented their Oral & Poster Presentation respectively.



M.Sc. Sem-IV Entomology & Ecology & Environmental Biology Special Paper students of Barasat Government College attended National Conference on “Climate Change Issues & Sustainable Development” jointly organized by Dept. of Zoology, A.P.C. College, New Barrackpore, Kolkata & International Academy of Science & Research (IASR), Kolkata in association with Global Warming Reduction Centre, Kolkata Chapter on 11-12 May 2023 At Acharya Prafulla Chandra College & presented their research papers successfully.



Participation in Bird Watching Workshop

Students of PG dept of Zoology, Barasat Govt College (CBCS MSc Sem IV students-Ecology special:05, Entamology special:04, Parasitology special:01) escorted by one faculty (Smt Indrani Banerjee) attended Migratory bird watching workshop at Santragachi jheel on 02.02.2023, organized by Ecology & Biodiversity Unit, Shibpur Dinobundhoo Institution College in collaboration with West Bengal Biodiversity Board.

সাঁতরাগাছি ঝিলে পরিযায়ী পাখি গণনা শিখলেন পড়ুয়া ও গবেষকরা

ত্রিপুরার বন্দোপাধ্যায়

পরিযায়ী পাখি গণনা হাতে-কলমে পোখানোর উদ্যোগ মিল শিবপুর বীচপুকুর কলেজের ইকোলজি ও বায়ো-ডাইভারসিটি ইন্সটিটিউট এবং রায়চাঁও-ডাইভারসিটি কোর্স। এই উপায়ে বৃহৎপরিমাণের কলকাতা বিশ্ববিদ্যালয়ের বিভিন্ন কলেজের প্রাক্তক ও মাইক্রোস্কোপির জ্বরের শতাব্দিক ছাত্র-ছাত্রী ও গবেষকদের নিয়ে সাঁতরাগাছি

ঝিলে কর্মশালা হয়ে গেল। এখানে শিবপুর বীচপুকুর কলেজের প্রাণীবিদ্যার অধ্যাপক সত্যেন্দ্র মজুমদার, মতেশ্বর একান্ত্যুদীন, ঝীরাহমপুর কলেজের প্রাণীবিদ্যার বিভাগের অধ্যাপক সত্যেন্দ্রীন্দ্র সরকার ছাত্র-ছাত্রীদের এই কর্মশালায় পরিযায়ী পাখিদের বিক্রমে গণনা করতে হবে তা বুঝিয়ে দেন। সেইসঙ্গে কী ধরনের প্রকারের পরিযায়ী পাখি সাঁতরাগাছি ঝিলে এসেছে তাও যত্নে দেখেন তাঁরা। সেইসঙ্গে নর্দান সিমেন্টে আটাই



পরিযায়ী পাখি পড়ুয়া। সাঁতরাগাছি ঝিলে। ছবি: আজকাল

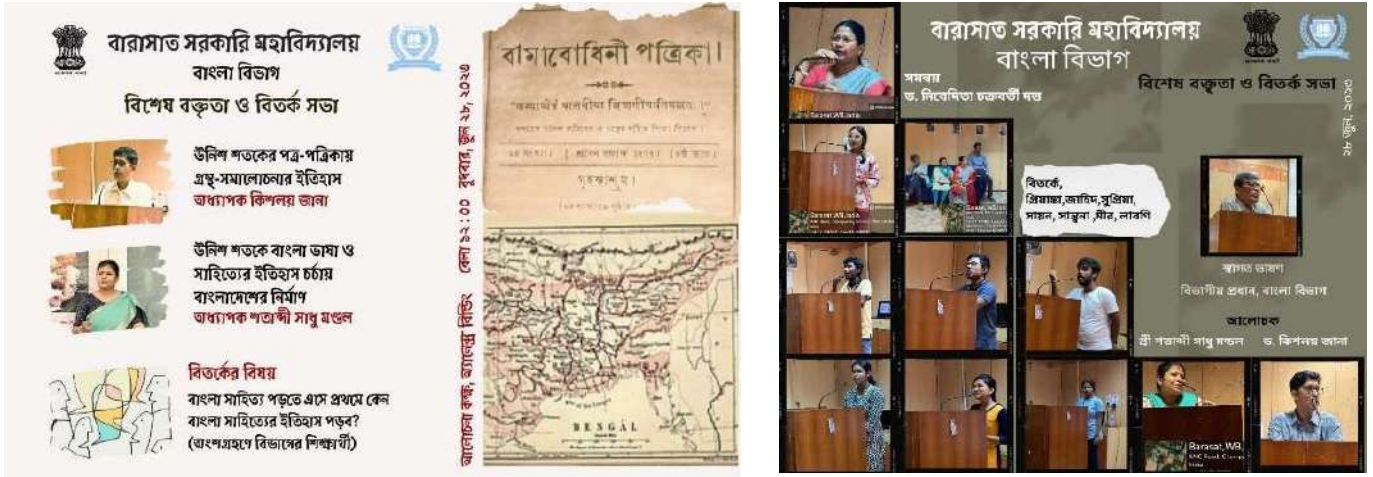


পরিযায়ী পাখি দেখার পাঠও দেওয়া হয় এই কর্মশালায়। তাঁদের এই কর্মশালায় সহযোগী হিসেবে ছিলেন কলকাতা বিশ্ববিদ্যালয়ের দুই গবেষক অধ্যাপক সত্যেন্দ্র ও শৌভিক বারিক যিনি মেল পুন্ড্রসক বায়ো-ডাইভারসিটি কোর্সের সিনিয়র রিসার্চ অফিসার ড. সৌমেন্দ্রনাথ বোস, শিবপুর বীচপুকুর কলেজের অধ্যাপক মন্মথীন্দ্র মল্ল-সং আর্টস অনেকে। অধ্যাপক সত্যেন্দ্র মজুমদার বলেন, 'পাঠ বুঝিয়ে তুলনায় এটার সাঁতরাগাছি ঝিলে পরিযায়ী পাখি দেখা অনেকটাই বেড়েছে। এখানকার পরিবেশ ও পরিষ্কারের পরিযায়ী পাখি আশার উপস্থিত করে গড়ে তোলাসেই পরিযায়ী পাখি আসার সংখ্যা বেড়েছে। সরাসরি আটাই পরিযায়ী পাখি এখান পর্যন্ত সংখ্যায় এসেছে। কিন্তু সাঁতরাগাছি ঝিলে পাখি বা পরিযায়ী এখান দেখা যায়নি। কেন এমনটা হল তা আমরা গবেষণা করে দেখছি। পাখিপাখি হাওয়ায় আঁমতা ও বায়ুনাশে রপনারায়েও কেন্দ্র সংখ্যায় পরিযায়ী পাখি এসেছে তাও আমরা জানতে পারি'।



Participation in Bird Watching Workshop

28th June, 2023 the Department of Bengali has organized special lecture and Debate on the Importance of Studying History of Bengali literature.



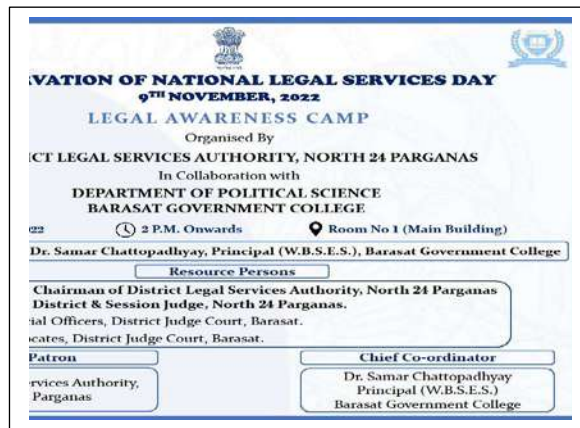
Department of Bengali organized students Seminar on the topic 'Adhunik Bangla Sahitya: Chetanay o Bikkhane'. On 30 August, 2022



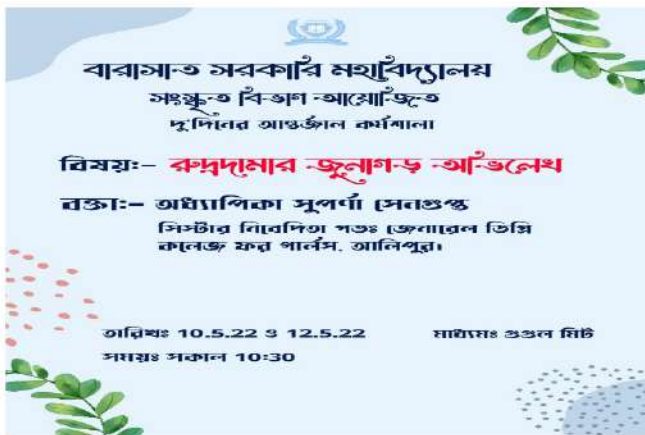
A cultural programme, “Sharodiyar Chhonde” was organized by Department of English on 22nd September 2022 to celebrate the festive season of the Bengalis.



Department of Political Science has organised a Legal Awareness camp on 9/11/2022. The legal service camp was very much informative about the constitution and criminal law and justice under IPC, CRPC for the students and audience.



Department of Sanskrit organised a Workshop on Inscription on 27.04.23. Resource person Smt. Suparna Sengupta, Assistant Professor in Sanskrit, Sister Nibedita Govt. General Degree College for Girls, Alipore, gave her talk for 4th semester students. She gave her lecture on the Junagarh inscription of Rudradama, and its significance as a source of ancient Indian history.



Participation to the WBDST & WBSU organised Science and Technology Congress on 19-20 January, 2023 by the teachers and students of Cytogenetics Laboratory of Botany Department, BGC



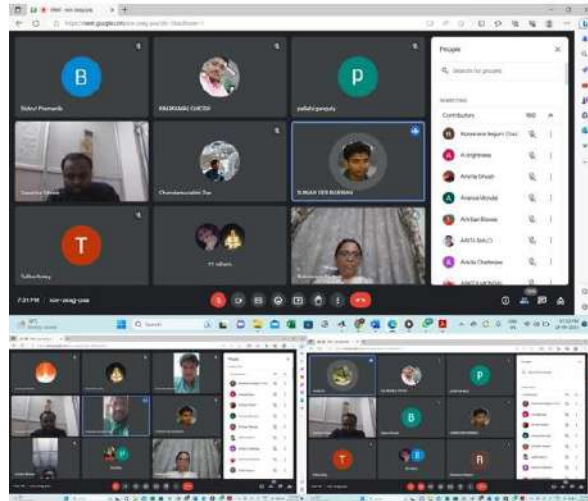
The Department of Geography organised a Special Mentoring Programme, on 12th June 2023, Dr. Paramita Bhattacharya, faculty member of Department of Bengali, Barasat Government College acted as a councillor of this programme. She also delivered a lecture on 'Mental Health & Emotional Well-Being'. The programme placed a significant emphasis on the well-being of the participants, particularly their mental and emotional health.



An Academic Visit to the Forest Range office of the West Bengal Forest Department at Barasat, N - 24 Parganas, was organised by the Department of Geography on 23rd June. It was an integrated visit with the field visit component of another course entitled as “Environmental Education and Sustainable Development” organised by the department.



BGC Geography Alumni, the alumni group of this department and the department of Geography organized a vibrant online reunion on 28th June, 2023, bringing together 100 participants, including both alumni and current students. The event served as a platform for nostalgic connections and knowledge exchange, nurturing a sense of community among past and present members of this department.



Some students of the Department of Geography, Barasat Government College visited National Atlas and Thematic Mapping Organization (NATMO) on 29th November 2023. The purpose of the visit was to collect thematic and open-series topographical maps of different parts of India.



Some students of the Department of Geography, Barasat Government College have participated in the One Day State Level Seminar (Offline) on Geo-Heritage & Geo- Archaeology: A Multi-Disciplinary Approach on 30th October 2023 at IIARI Campus, Kolkata. This programme was organized by the Geo -Archaeology Division, Integrated Institute for Advanced Research and Information (IIARI).



Some students of the Department of Geography, Barasat Government College have participated in the National Workshop (Offline) on Geospatial Analysis and Monitoring of Water Resources on 21st September 2023 at East Calcutta Girls' College, Kolkata. This programme was organized by the Department of Geography, East Calcutta Girls' College and the Indian Society of Remote Sensing, Kolkata Chapter.



Some students of the Department of Geography, Barasat Government College have participated in the brainstorming session on “Climate Change and Disaster Risk Reduction: Making Sustainability a Way of Life” under the umbrella of G20 & Y20 at the Satyajit Ray Auditorium, ICCR, Kolkata on 26 May 2023. This programme was organized by the Ministry of Youth Affairs of Govt of India, South Asian Institute for Advanced Research and Development & RIS (Ministry of External Affairs, Government of India).



Some students of the Department of Geography, Barasat Government College have participated in the National Dialogue on Urban Water Security: A Global Concern on 11th May 2023 at Dr. K.P. Basu Memorial Hall, Jadavpur University, Kolkata. This programme was organized by the School of Oceanographic Studies of Jadavpur University, Kolkata in collaboration with the South Asian Institute of Advanced Research & Development (SAIARD).

A Field Visit to Jatimati Village of Purba Medinipore with Geography General Semester VI students



Field excursion to the hilly tracts of Kalimpong, Darjeeling districts of West Bengal from 20th March 2023 to 27th March 2023



Some students of the Department of Geography, Barasat Government College have participated in the Blended Capacity Building Programme for Stakeholders of River Ganga - FIFTH COLLOQUY: GANGA SAMVAD on 15th February 2023 at the Dr. Triguna Sen Auditorium, Jadavpur University, Kolkata



Field Survey Conducted in Barasat Municipal Area - October-December 2022



Educational Tour of Department of Sanskrit



A trip to Kolkata Book fair with Semester-I students on 08.02.2023





One Day trip to the city of Joy, Kolkata with Semester – V Students on 14.10.2023

The English Department arranged an excursion to Shantiniketan from 19th to 21st August, 2022 for the students of Semesters 3 and 5. The tour not only gave the students a chance to enjoy the beauties of rural Bengal but also exposed them to the great contributions of Rabindranath Tagore in the fields of literature, education and rural welfare.



A seminar on “A Day with Physics” was organised by the PG Dept of Physics, Barasat Govt College on occasion of superannuation of Mr. Prabir Kr Sen (Skilled Laboratory Bearer) of this Department on 06.01.23. Two invited speakers---- speaker Dr. Prabir Mukherjee, Associate Professor, Dept. of Physics, Govt. College of Engineering & Textile Technology, Serampore, Suman Hazra, Ex-student of Dept of Physics, BGC (Presently doing research in Trinity College of Dublin, Ireland) delivered talk in the program.



Geo-tagged picture Dr Suman Hazra



Geo-tagged picture of Dr Prabir Mukherjee

THE END