

NEWSLETTER 2020-21

# BARASAT GOVERNMENT COLLEGE

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# BARASAT GOVERNMENT COLLEGE



#### **NEWSLETTER- 2020-21**

## **CONTENTS**

- 1. About The College
- 2. Message from the Principal
- 3. Major Achievements of the College in 2021-22
- 4. MoU and Collaborative Activities
- 5. Value Added Courses Offered during 2021-22
- 6. Students' Performance in University Examinations
- 7. Students' Progression and Employment
- 8. Extracurricular Achievements by Students
- 9. Research Publications by Teachers
- 10. Community Based Social Works Undertaken and Covid-
- 19 Related Activities
- 11. Academic Programmes and Excursions
- 12. Celebration of Commemorative Days
- 13. Students' Week Celebration
- 14. NSS Activities
- 15. Career Counselling and Placement Opportunities
- 16. Awareness and Sensitization Programmes
- 17. Students' Union
- 18. Central Library
- 19. Administrative Wing
- 20. Landscaping and Campus Beautification

## 1. About The College

Established in 1950, Barasat Government College is the institute that traces back its origin to a historical event, where the Bengal was divided and a mass migration of displaced people occurred into border area of the state. A massive section of the uprooted, deprived masses heavily depended on formal education for its very sustenance and in 1950 the State Government selected the town of Barasat as the location for a new college.

To begin with, the college was run with three isolated, two-storied buildings and offered only intermediate Arts subjects. Afterwards the equivalent Higher Secondary Course (in boththe Arts and Science streams) was taught till 1998-1999.

The college earned the status to teach degree courses, when "Govt. College Upgradation Committee for Degree College" recommended the institution to be upgraded to a degree college. The journey began with establishing an Arts section from 1956-57, later during 1957-58, the Intermediate course in Biology was initiated in 1962. The College was provided with a new building comprising of the office, Principal's chamber, Professors' room, and a library. Soon after that the degree course in different science subjects initiated.

In 1993, the present science building (Annexe building) was inaugurated where the departments of Physics, Mathematics, Geography and Bengali were shifted later. In 1996-97, Honours courses were introduced in the departments of Botany and Zoology. In 2003, the department of Botany was elevated to the status of post- graduate department and academic autonomy was bestowed upon since 2004. Presently the college is affiliated to the West Bengal State University and offers Honours courses in 13 different humanities and science subjects, 2 General courses and autonomous Post Graduate courses in four subjects viz. Botany, Zoology, Physics and Bengali.

A PG course in Chemistry has received affiliation from the university and preparations are on to open it in the coming session. The college also has a unit of Netaji Subhas Open University which offers 21UG and PG course programmes.

After its inception, this institute has collected accolades from different corners of our country and now has been recognised as a premium one, well known for its academic and social practices that successfully describes the statement in true sense 'Scientia Potential Est' means "Knowledge is Power."



#### 2. MESSAGE FROM THE PRINCIPAL



News Letter, a capsule of 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 is highlighted.

Moreover, students will be appraised of about the functioning of the college website, Library Rules, do's and don'ts in the college premises.

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 warm welcome to all the aspirants.

Dr. Samar Chattopadhyay, WBSES
Principal
Barasat Government College

N.B. Due to the global pandemic situation by COVID-19 SARS CoV virus the offline teaching and learning process was completely suspended vide Govt. order. The whole process of teaching and learning process was done through online mode during this session of 2020 - 21.

## 3. Major Achievements of the College in 2020-21

- To maintain the academic excellence of the institution in the pandemic situation as per instructions of the college different departments had organized numerous webinars, online workshops, invited lectures.
- motivated the students to participate in creative works, such as, publishing emagazines, organizing cultural programmes etc. on online platform
- To keep in mind the mental health of the students in this difficult period, in collaboration with psychological counseling cell has arranged on-line counselling of the students and collaborated with this cell in organising regular awareness programmes regarding different mental health issues.
- Excellence award in the field of Philosophy and international Research was conferred upon distinguished faculty member Dr. Madhuchhanda Bhattacharyya



Dr. Madhuchhanda Bhattacharyya, Associate Professor in Philosophy receiving International award of Distinguished Women Researcher in the field of Philosophy by Venus International Foundation, Center of Advanced Research and Design on 06.03.2021.

## 4. MoU and Collaborative activities of the college

Our college has secured a place of eminence as several Memorandum of Understanding were signed and collaborative activities were performed with prestigious Institutes, Universities and Colleges as mentioned in the table below

#### COLLABORATIVE WORK BY THE INSTITUTION 2020-21 Total number: 7

SL.NO.	ORGANISATION	ACTIVITIES	
1	Variable Energy Cyclotron Centre, Kolkata, India	Collaborative Research	
2	Department of Zoology, University of Calcutta	Collaborative Research & Publications	
3	Department of Agricultural Biotechnology, IRDM Faculty Centre, Ramakrishna Mission Vivekananda Educational and Research Institute (Formerly Ramakrishna Mission Vivekananda University), Narendrapur, Kolkata	Collaborative Research & Publications	
4	Gour Banga University	Collaborative Research & Ph.D. Supervisor	
5	IIT Madras	Collaborative Research & publication	
6	IIEST, Shibpur	Collaborative Research & publication	
7	Dept of Microbiology St. Xavier College	Collaborative Research & Ph.D. Supervisor	

## 5. Value added Course (VAC)

Amidst intense Covid situation our college arranged two value added courses.

# VALUE ADDED/ ADD ON COURSES OFFERED BY BARASAT GOVERNMENT COLLEGE

(2020-21)

Total Number: 02

Sr. No.	Name of Value added / Add on course offered by the Institute	Course Code	Period	Number of Students
1	Quick Guidance for Competitive Examinations and ICT Applications	BGCVAC001/2020- 21	10.05.2021 to 18.05.2021	318
2	Waste Management Practices and Sustainable Living	BGCVAC002/2020- 21	20.05.2021 to 27.05.2021	338

## **6.Students' Performance in University Examinations**

The students etched a significant success rate about 100 percent from both General and Honours courses in Science and Arts subjects.

Students' Academic Record 2020-21

Course	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage		
	Physics	22	22			
	Chemistry	12	12			
	Zoology	13	13			
	Botany	14	-14			
	Mathematics	42	42			
	Geography	37	37			
	Economics	17	17			
UG-Hons	English	45	45	100		
	Bengali	54	54			
Ī	Philosophy	58	58			
	Political Science	51	51			
	Sanskrit	29	29			
	History	52	52			
	Total	446	446			
	B.A. General	249	248			
UG-	B.Sc. Pure General	61	61	99.70		
General	B.Sc Bio General	24	24			
	Total	334	333			
	M.Sc. in Physics	Se, in Physics 21	21			
	M.Sc. in Botany	24	24			
M.A./ M.Sc.	M.Sc. in Zoology	20	20	100		
M.Sc.	M.A. in Bengali	24	24			
	Total	89	89			

## 7. Students' Progression and Employment

Around 235 passed out students have joined into higher studies like M.A./M.Sc Courses, PhD, B.Ed. courses, out of which most of the passed out students have joined PG courses.

## 8. Extra-Curricular activities by students:

Students along with Union members celebrated "Vasant-Utsav" with much gaiety and enchantment. The Holi festival is celebrated Nationwide. The students from this college also celebrated the festival of colour through performing various Cultural programmes, and applying colours. Songs, dance numbers, recitation, drama were performed by the students. The programme initiated with welcome address from our respected Principal Sir, which was followed by a note from Teacher Council Secretary. A humble speech was delivered from Student Union Secretary which was followed by several colourful presentations by current students. A few glimpses of such programmes are given below.



Students' Union Secretary delivering a speech



Celebration of Vasanta Utsav by the students, Cultural program by the students in March, 2020 on the occasion of Vasant Utsav



## 9. Research Publications

Total 31 research papers were published by the faculty members duringthis period out of which 14 papers were published by the Department of Zoology, followed by Physics, Geography, Botany, Bengali. Sanskrit, History and Chemistry Department. Also, Faculties from various Arts and Science subjects published 14 book chapters from National and International Publication houses.

B. RESEARCH PUBLICATIONS of CALENDAR YEAR 2020 Total Number: 31

SI. No.	Title of paper	Name of the author/s	Departm ent	Name of journal
1	Annadamongoler Shib : Ek Jugonirmito Binirman	Adrija Chaudhuri	BENGALI	Antarmukh
2	Salinity endurance of marine macro rhodophycean algae with special emphasis on myo-inositol biosynthesis: An enzymological analysis from Halymenia venusta	D.S.Mahanty, S.Basu & J.Adhikari	BOTANY	Journal of plant stress Physiology VOL 6
3	Gluconeogenic fructose-1,6- bisphosphatase from the mature sporocarps of common aquatic ferns: partial purification and basic characterization of this enzyme from Marsilea minuta (Polypodiopsida).	Ghosh, S.S., Das, M., Basu, S., Adhikari, J.	BOTANY	Ukrainian Botanical Journal, Vol-77(5):386-397
4	An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion	S. Roy, S. Das, R. Majumder, A. Ray and P. P. Parui	CHEMISTRY	RSC Adv., 2020, 10, 23245
5	Protonation-induced pH increase at the triblock copolymer micelle interface for transient membrane permeability at neutral pH	Y. Sarkar, S. Roy, R. Majumder, S. Das, D.V. Bhalani, A. Ray, S. K. Jewrajka andP. P. Parui	CHEMISTRY	Soft Matter, 2020, 16, 798.
6	Mangrove Forests in Changing Climate: A Global Overview	C. S. DAS, D. MALLICK, and R. N. MANDAL	GEOGRAPHY	J. Indian Soc. Coastal Agric. Res (ICAR)
7	Evaluating regional development in India: an application of census data	Jaydip De, Ajanta Bhattacharya, Sharmistha Chatterjee	GEOGRAPHY	Transactions of the Institute of Indian Geographers
8	Smart Governance in times of extreme Natural Disasters: An Introspection. The 'After Phase' of Super Cyclone Amphan in India and Bangladesh	<b>Jaydip De</b> , Sumana Bandyopadhyay	GEOGRAPHY	South Asia Democratic Forum
9	Romesh Chandra Dutter Samaj-chetona (pp 537-546)	Dr. Balaram Das	HISTORY	'TABU EKALABYA' Issue 25, Vol.40
10	Synthesis of Al-doped Zinc Oxide nano particle TCO material by simple Sol-Gel method	Dhananjoy Roy, S Pal, M Basu	PHYSICS	J Phys. Conf Series

11	Exotic nuclear shape due to cluster formation at high angular momentum	Srijit Bhattacharya in B Dey et al	PHYSICS	Phys. Rev. C rapid
12	Dynamic scaling in the quenched disordered classical N vector model N- vector model	Sudip Mukherjee, Abhik Basu	PHYSICS	Physical Review Research
13	Long route to consensus: Two-stage coarsening in a binary choice voting model	Sudip Mukherjee, Soumyajyoti Biswas, Parongama Sen	PHYSICS	Physical Review E
14	Probing the Jacobi shape transition in hot and rotating 43Sc	Debasish Mondal, Deepak Pandit,S. Mukhopadhyay, Surajit Pal, Pratap Roy , Vitisha Suman, Balaram Dey, <b>Srijit</b> <b>Bhattacharya</b> , A. De, C. Bhattacharya, and S. R. Banerjee	PHYSICS	PHYSICAL REVIEW C
15	Exploring the Gender Dimensions and the Psychological Impact on Self: An Ethnographic Appraisal	Sreemoyee Ghosh	POLITICAL SCIENCE	Athena
16	Chitraturaga Nyayanusarinitheory of sanscrit poetics	Poulomi Saha	SANSKRIT	Athena
17	রুদ্র-শিবঃ বৈদিক সাহিত্যে এবং কুমারসম্ভবে	Antara Banerjee	SANSKRIT	উদ্বোধন
18	A mushroom derived 'carbohydrate- fraction' reinstates hostimmunity and protects from Leishmani donovani infection.	Aabid Hussain, Sanhita Ghosh, Kamalika Roy, Supriya Nath, Biswajyoti Sarkar, Aritri Dutta, Priyankar Maji, Shibani Basu, Sharmistha Paul, Somaditya Dey, Kakuli Chakraborty, Bikramjit Raychaudhury, Krishnendu Acharya, Jhuma Ganguly, Chiranjib Pal (2020).	ZOOLOGY	Parasite Immunology; 2020;00:e12806. Impact Factor: 2.054 ( Joint 1st author).
19	Association of HLA-DQ and IL13 gene variants with challenge-proven shrimp allergy in West Bengal, India.	Arghya Laha, Amian Ghosh, Saibal Moitra, Himani Biswas, Nemai Chandra Saha, <b>Srijit</b> <b>Bhattacharya</b> , Goutam Kumar Saha and <b>Sanjoy Podder*</b>	ZOOLOGY and PHYSICS	Immunogenetics (Springer), 72: 489-498. I.F. 2.621.
20	NLGP Attenuates Murine Melanoma and Carcinoma Metastasis by Modulating Cytotoxic CD8+ T Cells.	Bhuniya A, Guha I, Ganguly N, Saha A, Dasgupta S, Nandi P, Das A, Ghosh S, Ghosh T, Haque E, Banerjee S, Bose A and Baral R	ZOOLOGY	Front. Oncol. 10:201. doi: 10.3389/fonc.2020.00201
21	Targeting the trypanothione reductase of tissue-residing Leishmania in hosts' reticuloendothelial system: Flexible water-soluble ferrocenylquinoline-based preclinical drug candidate.	Somaditya Dey et al. (2020).	ZOOLOGY	Journal of Medicinal Chemistry; 63, 24, 15621– 15638. Impact Factor: 6.205 (Joint 1st author).

22	Special Description of Pallisentis (Brevitritospinus) allahabadii Agarwal 1958 (Acanthocephala: Quadrigyridae) from Channa punctata (Bloch, 1793) by	lvy Kundu, Gözde Gürelli	ZOOLOGY	Turkish journal of parasitology, Acta parasitologica Turcica
23	Scanning Electron Microscope In vitro CONTROL OF FISH HELMINTH PARASITE, Euclinostomum heterostomum BY FLAVONOID-RICH EXTRACTS OF Mangifera indica	Ivy kundu, Md. Mahafuj Rahman, Sneha Roy and Yashmin Khatun	ZOOLOGY	UTTAR PRADESH JOURNAL OF ZOOLOGY
24	Combination of Mycobacterium indicus pranii and heat induced promastigotes cures drug-resistant Leishmania infection: Critical role of Interleukin-6 producing classical dendritic cells.	Somaditya Dey, et al.	ZOOLOGY	Infection and Immunity; e00222-19; 88(6):1- 20. Impact Factor: 3.2.;
25	Metal Induced Risk of Diabetes Mellitus Due to Toxicological Effects of Mercury: Influence of Environmental Threats.	Srikanta Guria	ZOOLOGY	Current World Environment, 15 (3): 470- 476. (2020) , SCImago Journal Rank
26	Threats Of Arsenic On Morphological Shift Of Hemocytes Of Molluscs: A Hint Towards Arsenic-Induced Cell Death.	Srikanta Guria	ZOOLOGY	ROM. J. BIOL. – ZOOL, 65(1–2): 99–106. Guria S (2020). indexed in: Thomson Reuters Master Journal List
27	Streptozotocin (STZ)-Induced Diabetes Mellitus (DM) Promotes Alteration Of Peritoneal Macrophage Morphology and Behaviour.	Srikanta Guria	ZOOLOGY	Journal of Advanced Scientific Research, 11 (3) Suppl 7: 59-63 Guria S (2020).
28	Diversity Spectrum of Spider Fauna in Backyard Rice Agroecosystem, Narendrapur, West Bengal, India	Sumana Saha, Ampita Bhadra & Dinendra Raychaudhuri	ZOOLOGY	World Scientific News, 147:61-75 [ICV:98.95]
29	Assessing Diversity and Abundance of Soil Microarthropods in Three Discrete Plots of Ramakrishna Mission Vivekananda Ashrama, Narendrapur, South 24 Parganas, West Bengal, India	Sumana Saha, Mithun Sarkar & Dinendra Raychaudhuri	ZOOLOGY	World News of Natural Sciences, 31: 58-69 [IC Value for 2019 : 96.70]
30	Lentic biodiversity with special reference to insects and spiders of two freshwater ponds of Ramakrishna mission Ashrama, Narendrapur, S-24 Parganas.	Sumana Saha, Shami Akhter & Dinendra Raychaudhuri	ZOOLOGY	Journal of Entomology & Zoology, Studies, 8(1): 1063-1071, [Impact Factor : RJIF 5.48]
31	Dynamics of pest complex of brinjal in the farmland of Ramakrishna Mission Ashrama Campus, Narendrapur, West Bengal	Sumana Saha, Susmita Adhikary & Dinendra Raychaudhuri	ZOOLOGY	World Scientific News, 146 : 255-273 [ICV : 98.95]

## C. BOOKS/CHAPTERS PUBLISHED/PAPERS IN CONFERENCES Calendar Year 2020

Total number: 14

SI. No.	Name of the teacher	Title of the book/chapters published	Title of Paper
1	Dipankar Bhattacharya And Amay Debroy	'Ami Lily' (Lily Chakrabortyr Atmokotha)	
2	T. Roy., N. Das and S. Majumdar	Pesticide tolerant rhizobacteria: Paradigm of disease management and plant growth promotion in Plant Microbe Symbiosis	100
3	T. Roy., A. Bandopadhyay., S. Majumdar and N. Das	Comparative analysis of pesticide degradation and heavy metal tolerance in two Bacillus species isolated from agricultural field of West Bengal, Agency. National Conference Contaminated Sites 2020.	
4	C. Paul., M. Maitra and N. Das	Fungal lignocellulolytic enzymes - physiological roles and biotechnological applications	Research Advances in the Fungal World: Culture, Isolation, Identification,Classification, Characterization, Properties and Kinetics
5	Chandan Surabhi Das	Soil & Biogeography (Bengali)	
6	Chandan Surabhi Das	Environmental Geography (Bengali)	
7	Jaydip De	Urbanization and Regional Sustainability in South Asia	Urban E-Governance: A Quest for Pro- citizen Conceptual Model
8	Sourama Saha	Adhunik Orthonoitik Bhugol	
9	Chandan Surabhi Das	Geospatial techniques and Research in Geography (English)	78.
10	Dr. Balaram Das	Narrating Indian History	Dinendra Kumar Roy & His Student Sri Aurobindo: A Historical Analysis (pp. 30-40)
11	Mukut Basu	Book- Banglar Rajniti	18
12	Poulomi Saha	Athena volume 4	Citraturaga-nyayanusarini pratiti
13	Srikanta Guria, Susraba Chatterjee, Soumya Das, Kritika Chatterjee and Ritishi Ghosh	Hemocytes: Effective Bio-Indicator for Environmental Threats	Proceedings on Animal Research Today: Basic and Applied Arena, P 23- 27, Department of Zoology, Midnapore College National level seminar ISBN-978-93-89209-60-0-13th and 14th March, 2020
14	Gupta, S.K. & Mondal, A. 2020.	Mites and Nematodes on Medicinal Plants in India : Diversity, Bio-ecology and Management with Bio-pesticides.	

## 10. Community Based Social Works Undertaken During Covid Pandemic: Covid-19 Related Activities

- ➤ This Government College is well known for its community-based services. During the Covid Pandemic the College served towards the common needy people by providing them with food-packets, masks and other sanitary ancillaries important towards survive during Covid infestations. Thestudents from student Union and NSS wing took the pledge to fight against "Corona" and helped the distressed by providing them with necessary amenities and immediate assistance during this tough time. The College expresses it's gratitude towards the local MLA of Madhyamgram, Sri Rathin Ghosh for providing the required assistance in this endeavour.
- ➤ Barasat Government College exhibited an exemplary model of academia crossing the boundary of adversity and extending the help to the distressed and the needy commoners. This pioneering activity marked this college as a unique institute spreading the message of compassion, love and humanity to the society. At the same time they responded towards the societal commitment with an immediate effect.







Food packets are being prepared in the college compound as a measure against Covid-19 forced impoverishments in the adjoining areas of the Barasat Govt. College and Municipal areas.



During Covid-19 pandemic, Principal Dr. Samar Chattopadhyay with the students of the college distributed sanitary masks and food to the poor and needy people of the locality of Barasat Govt. College.



Distribution of food packets and masks to the needy children





The above picture explains the pledge taken by the college students in alleviating distress among the students during Covid-19 pandemic in the locality. Students Union and NSS working side by side to decimate the hardships occurred due to the Covid-19 pandemic



Intervention and social service by the Local MLA of Madhyamgram Rathin Ghosh

➤ Distribution of College made Hand Sanitizer to Barasat Police Station and Kishalay Orphanage Home during the onset of Covid

During the initial phase of global Covid Outbreak, an Outreach initiative was taken by Barasat Government College, Department of Chemistry, where Hand sanitizers were prepared by Chemistry Department abiding by WHO guidelines. Considering the urgency and gravity of the Covid situation College authority decided to hand over the sanitizers to the local Police Station for distribution to common people and children from "Kishalaya Orphanage Home" situated nearby the College on 20.03.20 and thus successfully played a significant pathfinding role as an academic institution contributing towards public health benefit sector in our society with an aim to reach commoners and provide a relief. Such activity promotes the idea that knowledge-based education of any Academic Institution must be translated to practical implementation as far as applicable and reach the commoners during urgent necessity.

This college not only takes pride in carrying out several path breaking societal activities during the need of hour but the incessant flow of initiatives is eminent in all the activities documented during Post Covid period.



Sanitizers prepared by the Department of Chemistry, Barasat Govt. College were delivered to Kisalaya Home, localities and Police Station Principal Dr. Debesh Roy

## 11. Academic Programs and Excursions

During this time period no Educational Excursion was conducted owing to Covid-19 pandemic situation from any of the departments like Botany, Geography or Zoology.

Classes were suspended and many online webinars were conducted across various departments.

A. International Webinar on "Surviving in a Covid World": Speakers Prof. Bhramar Mukherjee, The Crisis of Virus in India: The EpidemiologyModel to Seroprevalence": Awareness campaign in relation to Covid World was organized on 30.09.2020. The other eminent speakers were Dr. Basab Chaudhuri, Vice Chancellor, WBSU and Professor Debesh Roy, Principal Barasat Government College.



B. A webinar on Man Environment Interdependence and sustainable development Periodic lecture series Speakers: Prof. Basab Chowdhury, Hon. VC, WBSU, Prof, Santosh Pal, Dept. of Philosophy, Burdwan University, Prof. Laxmikant Padhi, on chemistry Environment and ethics, Environmental Anthropocentricity and environmental ethics respectively on 13.02.2021



Webinar on Ethics and Environment, Organised by Dept of Philosophy

C. Contemporary Environmental Scenario: A Geospatial Appraisal Organised by Geography Department on 5.06.2021

A Webinar to Celebrate World Environment Day, A Contemporary Environmental Scenario on Geographical perspective and raising awareness about the environment, Natural Resources and their geographical distribution in world.



Webinar arranged to Celebrate World Environment Day by Geography Department

D. A Webinar was arranged on behalf of Bengali Department emphasizing upon Bengali Literature, Society and Culture facing an existential crisis. The Speakers were from Ramkishna Mission Narendrapur, Swami Shastragnyananda Maharaj and Dr. Santanu Bhattacharya, Assistant Professor in Bengali, from Advuram Memorial College, Purulia.



Flier of the Webinar organised by the Post graduate Department of Bengali

E. A One Day National Webinar was organized by Department of Economicsin Collaboration with Bidhannagar Government College on "Lockdown Social Security and Perspective". The eminent speakers were Dr. Atreyee Pal from University of Kalyani and Dr. Surajit Das, Jawaharlal nehru University. Dr. Pal Spoke on Labour Law Reforms and Dr. Das elaboratedon the topic Aspects of Impacts of Covid-19 induced Lockdown in India and The way Forward. The interactive session was interesting with participation of many young interrogative minds from pool of students.



National webinar organized by the Department of Economics

## F. During the month of July and August a series of lectures and Programmes were arranged by Philosophy Department.

#### 1. Webinar 1

Dr. Ratna Dutta Sharma formerly Professor Department of Philosophy and Dr. Proyash Sarkar, Professor, Department of Philosophy Jadavpur University delivered online lectures which was curriculum based. Dr. Ratna Dutta Sharma delivered lectures on "Different schools of Indian Philosophy and their Interdependence".

Dr. Proyash Sarkar had delivered series of lectures on different aspects of Locke's philosophy which help our students to comprehend there with philosophical problems. Approximately, 200 students participated and benefited by this Curriculum based peer meet lecture.

### 2. International Yoga Day, 31st July, 2020

To commemorate International Yoga Day, Indian Council of Philosophical Research had sanctioned a grant for webinar to our department. The department in collaboration with Psychological counselling cell and IQAC of the college with the financial assistance of Indian Council of Philosophical Research organized an one- day National webinar on 'Psycho-Spiritual Symbiosis: A Wellbeing Tool for The New Normal' on 31st July, 2020. Taking this webinar to a national audience has been possible for ICPR. Nearly 700 hundred participants from all over India joined the webinar. This webinar was very much relevant to this crisis period. It helped the students as well as all the faculty members to cope with the grave situation. Eminent psychologist and Professor of Psychology Dr. Nilanjana Sanyal and Dr. Saoni Mitra, psychotherapist and professor of psychology had highlighted aspects of mental well-being by their lectures. **Dr. Sampananda Mishra enriched us with some insights from yoga for managing life in crisis. Dr. Sushim Dubey also upheld Indian philosophical tradition.** 

### Link of e-flyer and e-certificate issued is attached.

Participants e-Certificate link- BGC PHIL WEBINAR FLYER.pdf https://drive.google.com/folderview?id=1uwVRBCzM2y38Noe2oli-M00DIotF6ydB

## G. Periodical Lecture Programme, 13th February, 2021

The Department of Philosophy received a grant for organizing periodical lecture programme from ICPR. The department in collaboration with IQAC of the college organised a state-level webinar on 'Man-Environment Interdependence and Sustainable Development' sponsored by Indian Council of Philosophical Research on 13th February, 2021. Professor Dr. Basab Chowdhury, the former Vice-chancellor of W.B.S.U.; Professor Dr. Laxmikanta Padhi, Professor, North Bengal University and Dr. Santosh pal, Professor, University of Burdwan had delivered insightful lectures on this very important and relevant topic. E-flyer link, Feedback link issued to both speakers and participants of the said programme is attached herewith.

Feedback link-

https://docs.google.com/forms/d/e/1FAIpQLScxYN3bM1wGF9FGFCnouskQgQbu9Ojr2Eupe3NKmzJ8JmZy4A/viewform

## H. Five-day workshop, 24-25 th June, 1st-2nd & 5th July, 2021

The Department in collaboration with West Bengal State University and the IQAC of Barasat Government College organised a five-day workshop on some new and emerging topics of Undergraduate-level syllabus under CBCS programme. The workshop on 'Reflections on Some Philosophical Issues: East and West' was held from 24th June, 2021. Eminent scholars from almost all the universities of West Bengal had participated as speakers in the workshop. This workshop facilitates the participants, both the students and the teachers to have proper understanding of the subject.

Feedback link-

https://docs.google.com/forms/d/e/1FAIpQLScq7dWKceSTj89ZyTy6iqwgZe3yu

KP6ExdHRLlLY4SVVwKipg/viewform

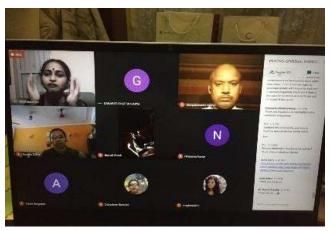
Participants e-Certificate link-

https://drive.google.com/folderview?id=1M1g0UoyDgWq9KhYBcoVwvUP\_tof aNV-z

Speakers' e-Certificate link-

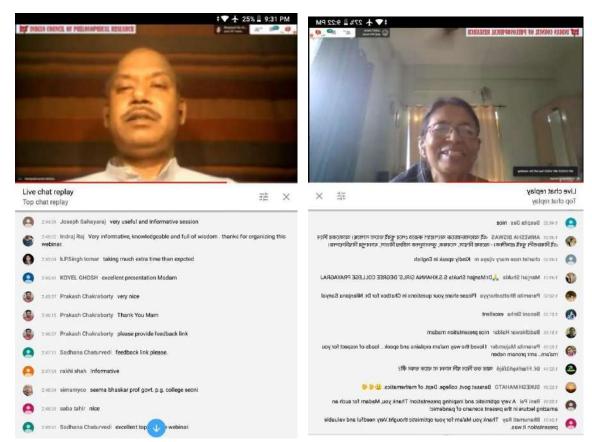
https://drive.google.com/folderview?id=1XvTp\_YkhJOJMrPPhZoN-coCVtj\_6P28N

Some glimpses are presented:





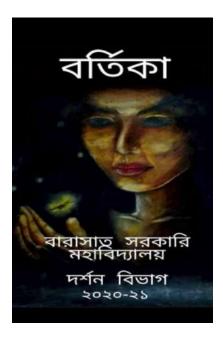
Speaker at the webinar



Speakers in the webinars organized by the Dept. of Philosophy

I. An Online Magazine was also inaugurated by Department of Philosophy The magazine write up materials were contributed by the students and faculty members of Philosophy Department. This comprised small stories, essays, poems and other literary articles.

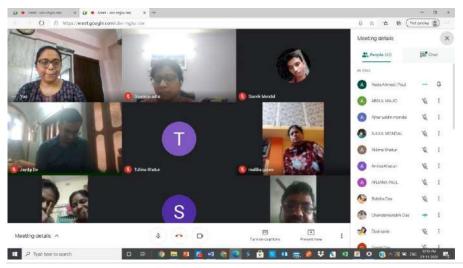
Cover page of the online magazine of the Department of Philosophy



J. Another National Webinar was organized by Geography Department on the topic 'Livelihood Challenges in India'. The speakers were Dr. Lila Mahato, Associate Professor from Krishnagar Government College and Dr. Jayanta Kumar Dwibedi, Associate professor from Brahmananda Keshab Chandra college. The seminar was highly a successful one with interactive participation from students and Faculty members.



#### One day webinar organized by the Dept. of Geography



## 12. Celebration of Commemorative Days

## A. Observation of Republic Day on 26th January 2024

Republic day was observed enthusiastically with students and NSS volunteers and faculty members. The welcome address was presented by our Respected Principal sir. After flag-hoisting the cultural programmes followed with various activities like songs and dance performances exhibited by students.







Teaching Faculty members, NSS team and the students in an event ( $26^{th}$  January, 2020) at the college campus.



Students' Union members, Teaching faculty, NSS team and the students in an event (26<sup>th</sup> January, 2021) at the college campus.

## **B.** Observation of Independence Day

NSS Unit of Barasat Govt. College celebrated the Independence Day on 15<sup>th</sup> August, 2020. NSSvolunteers were present there. The programme initiated with flag hoisting after which our honourable Principal Sir, Prof. Samar Chattopadhyay presented his inaugural speech. The programme continued with several activities by NSS volunteers. Patriotic songs and dance performances as well as recitations were performed by the students present. The programme ended by offering flowers by the teachers and students.



### 13. Students' Week Celebration

Not celebrated in this session due to Covid-19 pandemic during this session

## 14. NSS Activities

## A. Deployment of NSS Volunteers for smooth conducting Examination

NSS Volunteers were deployed for smooth conducting National Means-cum-Merit Scholarship Examination and National Talent Search Examination Scheduled was held on **24.01.2021.** 

The relevant documents are presented as under.





#### B. Volunteers of NSS Unit participated Vivek Samhati Utsav

Volunteers of NSS Unit, Barasat Government College have participated in Vivek Samhati Utsav, 2021 held under auspices Govt. of West Bengal, organized by and held at Campus of University of Kalyani on **28.01.2021.** 







Certificate of participation at Vivek Samhati Utsav

## C. First Orientation Programme for the NSS Volunteers

"Dr. Samar Chattopadhyay, Principal, Barasat Government College had inaugurated the **Orientation Programme of NSS Unit** of our college. And Dr. Arun Kr. Roy, Librarian and Secretary, Teachers' Council of our college also delivered his views on the objectives of NSS Programme on 07.04.2021."

#### In the Orientation Programme for the NSS Volunteers on 'Let's Defeat

**Corona Together'** Dr. Jayati Ghosh, Department of Zoology delivered her views on 'Let's Defeat Corona Together' organised by NSS Unit, BGC on 12.05.2021

## Orientation Programme for the NSS Volunteers on Covid 19 & Self-Protection



Dr. Somaditya Dey, Assistant Professor, Deptt. of Zoology, BGC & Subir Biswas, Professional Karate Trainer, 5<sup>th</sup> Degree Black Belt KBI, Australia, delivered their views on following topics respectively in the orientation programme of NSS Unit, BGC on **04.06.2021**. The Topics:

- 1. "Mucormycosis and COVID 19: an unholy duo??"
- 2. 'Man/Woman Personal self protection system: Street defensive tactics'



### D. Second Orientation Programme for the NSS Volunteers on Learning NSS Song & Restoration of the Environment

Dr. Ambarish Sen, Deptt. of English, BGC & Dr. Prajjal Datta, Assistant Professor & Head, Deptt. of Botany, Government General Degree College, Kharagpur - II, delivered their views on following topics respectively in the orientation programme of NSS Unit, BGC on **19.06.2021**, from **10.00** am to **12.30** am

Topics: 1. 'Learning NSS Song - The Spirit of Solidarity, Inspiration and Development: A Mission and A Vision.'

2. 'Role of N.S.S Volunteers in Restoration of the Environment'



Speaker:



'NOT ME BUT YOU'

Platform: Google Meet :

https://meet. google.com/y kr-nrzv-ocj

NSS Programme on 'Orientation of NSS Volunteers'

Date: 19.06.2021 Time: 10.00 a.m. - 12.30 p.m.

Welcome Dr. Sreemoyee Ghosh,

Address: Assistant Professor & Head, Department of Political Science,

Barasat Government College

Dr. Ambarish Sen
Speaker: Assistant Professor of English
Barasat Government College

Dr. Prajjal Datta,
Assistant Professor & Head,
Department of Botany,
Government General Degree College
Kharagpur - II, Madpur

Topic: 'Learning NSS Song - The Spirit of Solidarity, Inspiration and Development : A Mission and A Vision'

Topic: 'Role of N.S.S Volunteers in Restoration of the Environment'

Vote of Riya Ghosh, NSS Volunteer, thanks: Sem-4, Department of English, Barasat Government College

E. NSS Volunteers actively participated in the war against Covid. they distributed food packets to the distressed and the sanitary ancillaries were distributed with the help of the students. In this regard the college Students' Union and the NSS volunteers worked in unison under auspices of Principal sir Professor Samar Chattopadhyay and offered help to the poor and needy people under stress. The societal commitment they exhibited and came forwards to fulfil the same was praiseworthy during Covid pandemic.





NSS volunteers before distributing free medicines to the needy people in Covid time



Sanitizing and distribution of masks among general public by the students of the college



Students preparing food packets for delivery to the poor and disadvantageous sections of the society at Barasat locality

#### 15. Career Counselling and Placement Opportunities

Several efforts were undertaken during this period to make students aware about the opportunities and ways they could pursue after passing out from the college or obtaining University Degree. Some of the programmes are mentioned below. Many Webinars and E-quiz were arranged to generate awareness among the students towards various career opportunities.

#### A. National E-Quiz on General Studies and Current Affairs on

http://bgc.ac.in/pdf/webinar/31106\_BGC-E-Quiz-Flyer-2020.pdf
The Career Counselling, Entry in Service and Placement Cell of this college had organized a National E-Quiz on General Studies and Current Affairs on 18 July 2020. The main motto of this career-oriented e-quiz was to make students and unemployed job aspirants make familiar with the level and type of government service screening test. Due to the prevalence of the Covid-19 pandemic, the job aspiring students were not getting proper opportunities to face mock tests as well as government job examinations, this was an attempt to address their demands through mock MCQ-based tests. 2686 participants have taken part in this event. E-certificates were distributed to all successful participants.



An E certificate for the quiz competition

**B.** Webinar on Career Counselling and Guidance for Banking Sector Job was Jointly organised with Mahindra Institute, Link:

http://bgc.ac.in/pdf/webinar/1f070\_BGC-Banking-Apr-2021.pdf

On 28 April 2021 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 Banking Sector. Renowned professional training organization Mahendra Institute was the chief collaborator of that event. A total of 453 job aspirants participated in this event. The job aspiring participants were introduced to the procedure of the IBPS examination. Starting from the form application fill-up to the personality test, an online demonstration was given by banking experts. This webinar was followed by a week-long free of cost demo coaching class for banking job aspirants.

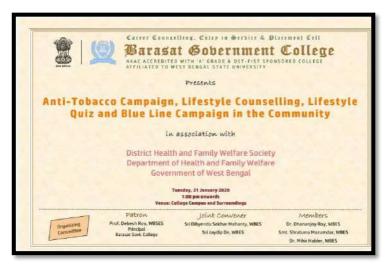




Screenshot of the webinar conducted by competitive exam guidance offering Career Counselling

# 16. Awareness and Sensitization Programmes:

In January, 21<sup>st</sup> a webinar on Anti-tobacco campaign, Lifestyle counselling, Lifestyle Quizand Blue Line Campaign in the community was held to make students and staff about the related subject.



Poster of the webinar on Anti-Tobacco campaign in January, 2020

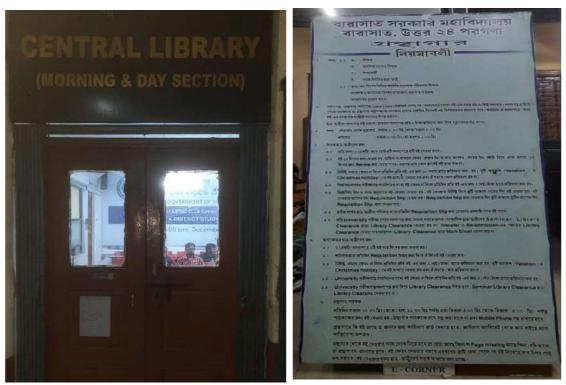
#### 17. Students Union (Mentioned earlier)

- > Students from Union arranged "Vasant Utsav" and spread the message of unity, gaiety and brotherhood among the students
- During the Covid Pandemic the College served towards the common needy people by providing them with food-packets and sanitary ancillaries important for surviving during Covid infestations. The students from Student Union and NSS wing took the pledge to fight against Corona and helped the distressed by providing them with necessary regular amenities and immediate assistance during this tough time.

### 18. Central Library

The Central Library of Barasat Government College is a cornerstone of the college's academic environment, supporting both undergraduate and postgraduate courses as well as research activities. With a rich collection of approximately 87,508 books, including old, rare, and valuable reference books, journals, educational CDs/DVDs, and a vast array of e-books and e-journals, it serves students, faculty, State Aided College Teachers, research scholars, and staff members. The library uses Koha library management software, and its database is accessible remotely via the Web OPAC (Online Public Access Catalogue). Additionally, the library subscribes to the NList programme of INFLIBNET, allowing users to access a significant number of e-journals and e-books from various publishers remotely. The library also offers an excellent reading room facility.

A few glimpses of College library has been presented below:



Gate of the Central Library (Left): Dos and Don'ts of the Central Library for students' display (Right)



Students lending books during the pandemic time



Working space of the library staffs



Rich source of books in the Central Library



Library staff working in the Central Library







During the challenging period of 2020-21, Barasat Government College's library adeptly navigated the constraints imposed by the COVID-19 pandemic. Adhering to strict health protocols, the library remained closed to the public, ensuring the safety of staff and students. Despite the closure, meticulous efforts were made to preserve the vast collection of books and resources. Essential office activities continued, with library staff working diligently behind the scenes to maintain administrative functions and provide support. This period underscored the library's commitment to safeguarding knowledge while prioritizing health and safety.

## 19. Administrative Wing:

An adept and efficient office is prerequisite for successful running of any Institute. Barasat Government College office is well equipped and the staff members are highly efficient and dilligent to provide an unhindered working environment which is eminently evident in financial, academic and co-curricular performances of the College. This administrative wing is efficiently headed by the Principal Professor Samar Chattopadhyay, WBSES. The pictures of administrative wing are presented herewith.



Principal's Chamber





Entry to Principal's Chamber (Left ) and Office space for the non-teaching staffs (Right)





Office administration with the non-teaching staffs

## 20. Landscaping and Campus Beautification

Centred at the heart of the city, The Barasat Government College Campus represents an excellent centre of academia harbouring a cosy nest of greenery within it. The campus encircling nearly 2.3 acre of space comprises a Palm Garden, Vegetable Garden, various ornamental plants, and a Medicinal Plant Garden. More than 50 types of shrubs and tree species have been recorded, also more than thirtyspecies of medicinal plants are present within the garden. However, the undershrubs and herbs identified till now are more than fifty in number. A Vermicompost unit is present within the campus that annually produces nearlythirty kilograms of vermicompost. A Cycle stand with a capacity of garaging more than 200 cycles at a time is provided within the campus to encourage the students and staff members to utilize carbon neutralvehicle like cycle for commuting purpose.

The Plant Diversity within Campus are presented below



College Palm garden harbouring the shade plants



Ornamental Garden in front of the Annexe Building





Side view of the Palm garden (left) and white Mussaenda sp. (Right)



Growing Amla (Emblica officinalis) plant near cycle garage of the students



Ravenala madagascariensis, An Exotic plant commonly known as Panthopadop present within campus(left); Infront of Annexe Building of the college with Mathematics, Geography, Physics, Economics and Bengali departments in three floors a series of Royal Palm plants are present (right)



Medicinal Plant Garden showing various medicinally important plants

