

VOLUME - II

ISSUE - II

THE
Communique

NABADWIP
VIDYASAGAR
COLLEGE

Newsletter

JULY - DECEMBER 2021

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ॐ सह नावतु
सह नौ भुनक्तु।
सह वीर्यं करवावहै।
तेजस्वि नावधीतमस्तु
मा विद्विषावहै।

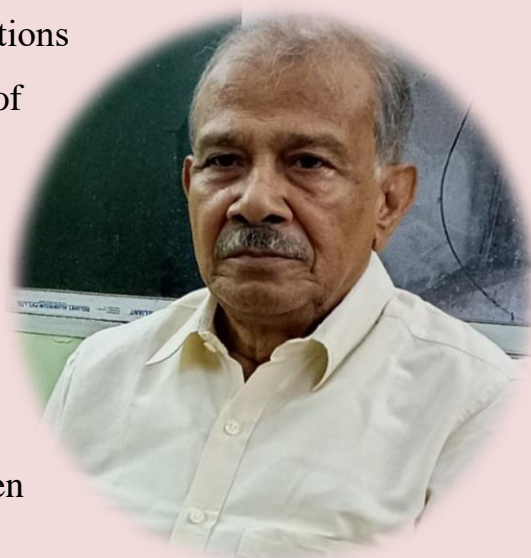
तैत्तिरीयोपनिषत् (2.2.2)

Om, May the Lord protect us both (the Teacher and the Student);
May the Lord nourishes us both; Let both of us perform valorous
actions together; The learning of both of us may be bright; Let us
not hate each other. Om, Peace, Peace, Peace.

Taittiriya Upanishad (2.2.2)

Message from the President of Governing Body

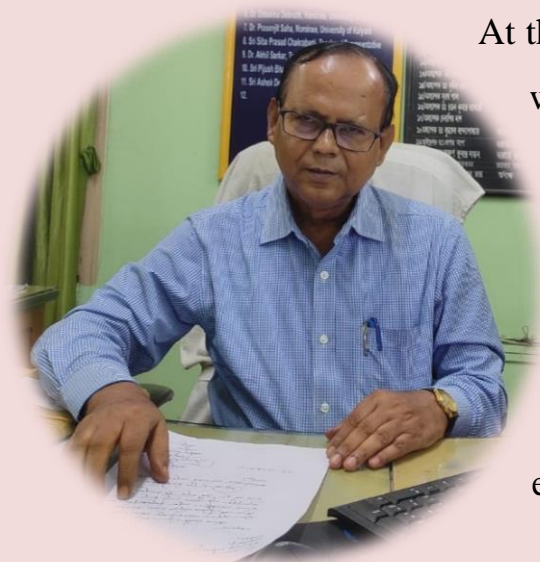
“If there is a will, there is a way”. The consecutive publications of the Newsletter show the dedication and commitment of the teachers and non-teaching employees who provided the data/information as and when required. The Newsletter resonates with a mine of information for the period of July, 2021 to December, 2021 and will meet the thirst of the readers about knowing the college. In a capsule form, the events during six month-periods have been nicely presented. Hope, the publication of the said Newsletter will be continuing uninterruptedly.



*Sri Biman Krishna Saha
President, Governing Body
Nabadwip Vidyasagar College*

Message from the Principal

At the outset, I express my thanks and gratitude to the teachers who are closely associated with the publication of the Newsletter “The Communiqué- Volume-II, Issue: II (July to December, 2021)”. This is the third consecutive publication of the Newsletter “The Communiqué” and it has become possible by the strenuous efforts, dedication and commitment of the teachers and non-teaching employees. Salute to those who have provided information/data in preparing and publishing the Newsletter. I strongly believe that “The Communiqué” will create a niche in the minds of the readers.



*Dr. Swapan Kumar Roy
Principal
Nabadwip Vidyasagar College*

Message from the Convener

It is my immense pleasure to inform you all that *the communiqué* will be published on a very special occasion of 75 years of independence which is being celebrated as "*Azadi ka Amrit Mohatshav*" across the country. The Newsletter team, who are intimately involved in the publishing of "*The Communiqué*," deserve my sincere gratitude and appreciation. I believe that this issue of the newsletter will give readers a holistic idea of diverse activities, both academic and extracurricular, and also the accomplishments of our students, faculty, and employees. It is the tireless work and collective enthusiasm of all of us to make this publication as accurate and informative as possible. Moreover, I want to express my gratitude to Dr. Swapan Kumar Roy, our esteemed principal. I would like to thank the entire editorial team for their continuous support and valuable suggestions for the timely publication of the newsletter.



Dr. Akhíl Sarkar
Convener
News-Letter Sub-Committee

Moment's Monument (Activities)

Independence Day Celebration 2021

To resonate with the history, customs, and noble love for the illustrious motherland, the college celebrated the day of national independence on 15.08.2021 at 9:00 am. All the people connected with the institution came together for this grand event on the college campus and beyond. The inauguration ceremony was attended by the teachers, students and non-teaching staff and it was a grand event in all respects. Sri Biman Krishna Saha, honorable president of the governing body hoisted the national flag and gave a rousing speech. Our respected principal Dr. Swapan Kumar Roy graced the occasion with his august presence. The contribution of the martyrs and the common people was discussed by the students on their part. The program was concluded with a heartfelt rendition of the national anthem and NCC song.



Independence Day Celebration 2021

Tree Plantation Programme-2021

The National Festival of Trees Planting (Van Mahotsav) in India is held annually from July 1 to July 7. As a part of Van Mahotsav celebrations throughout the country, Dr. Swapan Kumar Roy, respected principal of Nabadwip Vidyasagar College, Dr. Akhil Sarkar, NCC officer, NCC cadets, and students planted saplings around the college campus on the 7th of July 2021. An awareness program was also held, highlighting the need to plant even more saplings and to provide protection for the planted saplings in the public spaces and inside the campus.



Tree Plantation Programme-2021

NCC Day Celebration, 2021

National Cadets Corps (NCC) day is celebrated every year on the fourth Sunday in the month of November. One of the main pillars of Nabadwip Vidyasagar College is the college unit of the national cadet Corps, led by the efficient ANO, Lieutenant Dr. Akhil Sarkar, and Miss. Nimisha Roy. Therefore, NCC Day is celebrated in the college with great honor and dedication. 2021 was no exception to the rule. A grand program was organized to celebrate the day in all its glory. The program was inaugurated by Dr. Akhil Sarkar and he an illuminating speech. He described vividly the role of the NCC in the institution and society. The cadets paid their tribute to the national flag and gave a number of social activities such as the *Swachh Bharat Abhiyan* was organized in the morning at 10:00 A.M. at Nabadwip Municipality Park. And also roadside statues of great men were washed and cleaned. The cleanliness program commenced from College Street to the Bakultala School. The prime purpose of the program was to educate and inspire the youth generation to bring essential diversity in their lifestyle by adopting natural ways.



NCC Day Celebration, 2021

Kargil (Martyr) Day Observation 2021

The Battle of Kargil (Kargil War 1999) was a defining conflict in the history of modern India.

It saw a very hard fought victory based on the martyr of more than 500 soldiers on the snows of Kargil, Drass and Batalik sectors in Kashmir. The NCC celebrates this memorable historic event with solemn pride. On this auspicious day, the National Flag was hoisted by the respected Principal of the college in the presence of other teachers, non-teaching staff and students. Dr. Akhil Sarkar (ANO) gave an informative and rousing speech on the role of the Indian army and government at that moment of

crisis. The students highlighted the supreme sacrifice of the martyred soldiers.



Kargil (Martyr) Day Observation 2021

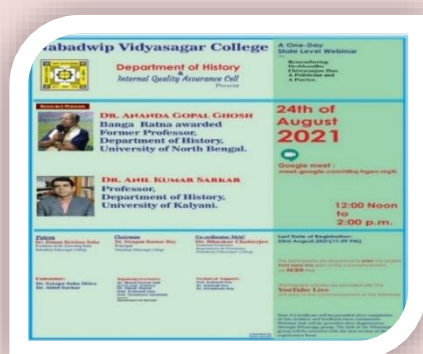
A Pioneer Across Gender Boundaries: First Lady Associate National Cadet Corps Officer of Nabadwip Vidyasagar College NCC Unit

Ms. Nimisha Ray, who is a Lecturer in the Department of Computer Science, took the responsibility for the NCC Girls Unit in Nabadwip Vidyasagar College. She went to attend the Pre- Commissioned (PRCN-108) Training Program in Officer's Training Academy (OTA), Gwalior. She has undergone three months long training program there from 26th July 2021 to 23rd October 2021 and was successfully commissioned as a Lieutenant after the completion of the course. In the training program the complete course structure of NCC was discussed and various service subjects i.e. Firing, Judging Distance, Map Reading, Field Craft, Battle Craft, Drill, etc. were taught. Presently Lt. Nimisha Ray is working as the ANO (Associate NCC Officer) of the NCC Girls Unit in the college.



State Level WEBINAR on Remembering Chittaranjan Das: A Politician and a Patriot

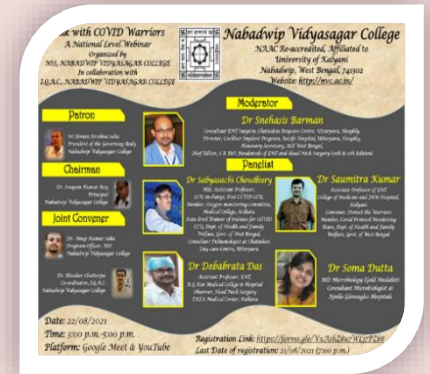
The Nabadwip Vidyasagar College, Department of History and Internal Quality Assurance Cell hosted a State Level webinar on "*Remembering Chittaranjan Das: A Politician and a Patriot*" held on August 24th, 2021 from 12:00 pm to 2:00 pm. through Google Meet and YouTube live streaming, and attended by numerous participants from the department and beyond. Chief Patron Sri Biman Krishna Saha (President of Governing Body), Chairman Dr. Swapan Kr. Roy (Principal, Nabadwip Vidyasagar College) and Dr. Bhaskar Chatterjee (Co-ordinator IQAC, Nabadwip Vidyasagar College) The respected guest for the day was the honorable Principal Dr. Swapan Kumar Roy. He bestowed profound respect to the sacrifice and patriotism of Chittaranjan Das and then delivered the welcome rousing speech. Our invited eminent speakers were Bangaratna Awarded Former Professor (Dr.) Anandagopal Ghosh, Department of History, North Bengal University, and Professor (Dr.) Anil Kumar Sarkar, Department of History, Kalyani University. Finally, the webinar was concluded with a vote of thanks.



Youtube Link: <https://youtu.be/8o2gsFT9P1Y>

National Level Seminar Talk with COVID Warriors

“Talk with Covid Warriors”, a national level webinar was organized by NSS, Nabadwip Vidyasagar College along with the IQAC on 22nd August 2021 to address the then most anguishing situation of continuing COVID-19 by interacting with five eminent doctors from different fields. More than 300 participants were engaged with the team of doctors for almost 3 hours with the team of the doctors. Doctors had taken all the relevant questions of the participants related to the different aspects of COVID-19. Needless to say, it was a great help for all of us to discuss with the team of doctors sitting over the screen at home. We sincerely conveyed our sense of gratitude to the team of doctors and doctors had assured us to come to our place in the future to conduct the medical camp when the clouds of COVID-19 will pass away.



Youtube Link: <https://youtu.be/gBa96ZQQdc4>

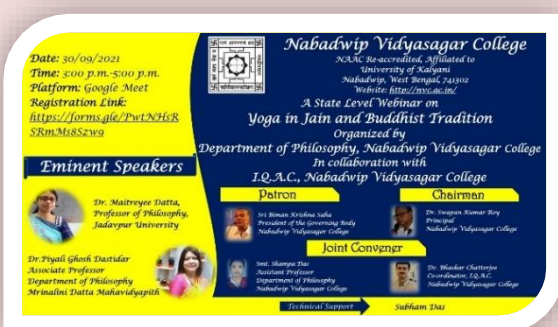
State Level WEBINAR on Yoga in Jain and Buddhist Tradition

To highlight newer research on the ancient Indian traditions of Yoga and Meditation the Department of Philosophy and Internal Quality Assurance Cell organized a State Level webinar on ‘Yoga in Jain and Buddhist Tradition’ held on September 30th, 2021 from 3:00 pm to 5:00 pm. through Google Meet and it was

attended by numerous participants from the department and beyond. The Chief Patron was Sri Biman Krishna Saha (President of Governing Body). It was Chaired by Dr. Swapan Kr. Roy (Principal, Nabadwip Vidyasagar College) and Dr. Bhaskar Chatterjee (Co-ordinator IQAC, Nabadwip Vidyasagar College) was present at the Webinar.

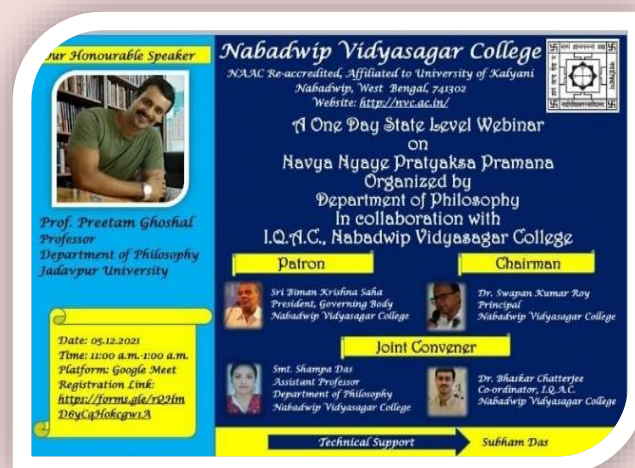
The respected guest for the day was the honorable President of Governing Body, Sri Biman Krishna Saha and our respected Principal Dr. Swapan Kumar Roy. Sri Biman Krishna Saha delivered the welcome speech and our Principal opened the session for discussion. Our invited eminent speakers were Dr. Maitreyee Dutta, Professor of Philosophy, Jadavpur University and Dr. Piyali Ghosh Dastidar, Associate Professor, Department of Philosophy, Mrinalini Datta Mahavidyapith. Finally, the webinar was concluded with a fantastic demonstration of Meditation (Yoga) and a vote of thanks.

Youtube Link: <https://youtu.be/NVZAaH8madM>



State Level WEBINAR on Navya Nyaye Pratyaksha Pramana

The Department of Philosophy and Internal Quality Assurance Cell came together to host a State Level webinar on 'Navya Nyaye Prataksha Pramana' held on December 5th, 2021 from 11:00 am to 1:00 pm. through Google Meet. Numerous participants from the department and beyond attended the webinar. Chief Patron Sri Biman Krishna Saha (President of Governing Body), Chairman Dr. Swapan Kr. Roy (Principal, Nabadwip Vidyasagar College) and Dr. Bhaskar Chatterjee (Co-ordinator IQAC, Nabadwip Vidyasagar College) were present at the Webinar. The respected guest for the day was the honorable President of Governing Body, Sri Biman Krishna Saha, and our respected Principal Dr. Swapan Kumar Roy. Sri Biman Krishna Saha delivered the welcome rousing speech and our Principal opened the session for discussion. Our invited eminent speaker was Dr. Pritam Ghosal, Professor of Philosophy, Jadavpur University. The webinar was concluded with a vote of thanks.



Youtube Link: <https://youtu.be/2qj3Nqea0vA>

A Farewell Programme "Biday Bela" By Department of Botany

Department of Botany organized an online Farewell Programme for Semester VI Students on 27th August 2021 Conducted by the students of Semester II and Semester IV. Departmental teachers and students participated in the said programme and was inaugurated by our respected Principal Dr. Swapan Kumar Roy and Dr. Akhil Sarkar. Dr. Swati Das (Sur) recited a bengali poem and Dr. Koushik Sengupta, Dr. Subhadip Chakraborty dedicated their musical performance for the Semester VI Students.

Youtube Link: <https://youtu.be/-v3sMSHyBaM>



Biday Bela

Administrative Training

A workshop cum training on 'Maintaining Books of Account in HEIs in India' was organized by IQAC and the Department of Commerce on 25.11.2021 to train the staff of the college to enhance the skill and efficiency. It was held in the Smart Room of the college. A resource person was also invited on the occasion.



“Black Fungus” epidemic in a pandemic A Digital Magazine by Department of Botany

Disease is nothing but the abnormal physiological state. Sometimes it is induced by some biotic agents, called Pathogens. Our present communication deals with such a pathogen which is a microheterotroph. Scientifically it is known as Mucor that causes mucormycosis, commonly known as black fungi. It is interesting to note that the fungi is not a black at all, instead it is a white cottony mass containing mycelia. Perhaps the word 'Black' deals with its severe effect and delayed treatment sometime causes the death of the patients. Not only that it was found that the effect of mucormycosis reaches it's optimum level during COVID pandemic situation, indicating it's capability to develop as secondary infection. The basic symptoms deals with fever, dry cough, nasal congestion, lymphopenia and myalgia. All these symptoms invites complication like ARDS, secondary infections, hypoxemia, cardiac and renal injury etc. The basic treatment covers diagnosis by MRI, CT and followed by antifungal antibiotics like Amphotericin B, Posaconazole. But human psychology and clinical biology always deals with the truth that "Prevention is better than Cure". To prevent such problems we have to maintain our sugar level controlled applications of steroids maintain the high level of oxygenation etc.



Achievers and Achievements

The academic Progresses of the students of the college is a progression of knowledge. Success and pedagogical glory. A brief glimpse of their achievements is elucidated below.

Department of Bengali

- ✓ Number of Students appeared in the final year examination 147
- ✓ Number of Students passed in final year examination 139
- ✓ Highest marks: AVIJIT SANTRA - 73.73%

Department of English

- ✓ Number of Students appeared in the final year examination 56
- ✓ Number of Students passed in final year examination 56
- ✓ Highest marks: RAJESH MONDAL – 74.59%

Department of Education

- ✓ Number of Students appeared in the final year examination 40
- ✓ Number of Students passed in final year examination 39
- ✓ Highest marks: SOMASHREE SHIL -75.62%

Department of History

- ✓ Number of Students appeared in the final year examination 90
- ✓ Number of Students passed in final year examination 84
- ✓ Highest marks: SUMAN KUMAR DAS 71.89%

Department of Philosophy

- ✓ Number of Students appeared in the final year examination 24
- ✓ Number of Students passed in final year examination 23
- ✓ Highest marks: RANI DEBNATH -70.32%

Department of Pol. Science

- ✓ Number of Students appeared in the final year examination 49
- ✓ Number of Students passed in final year examination 45
- ✓ Highest marks: NABANITA KARMAKAR – 75.41%

Department of Sanskrit

- ✓ Number of Students appeared in the final year examination 79
- ✓ Number of Students passed in final year examination 71
- ✓ Highest marks: LINA CHATTERJEE – 77.68%

Department of Botany

- ✓ Number of Students appeared in the final year examination 11
- ✓ Number of Students passed in final year examination 11
- ✓ Highest marks: SHILPI GHOSH – 81.08%

Department of Chemistry

- ✓ Number of Students appeared in the final year examination 10
- ✓ Number of Students passed in final year examination 10
- ✓ Highest marks: SOMNATH PARUI – 74.76%

Department of Environmental science

- ✓ Number of Students appeared in the final year examination 04
- ✓ Number of Students passed in final year examination 04
- ✓ Highest marks: SHAHEEN HASAN DAWAN – 72.38%

Department of Mathematics

- ✓ Number of Students appeared in the final year examination 57
- ✓ Number of Students passed in final year examination 57
- ✓ Highest marks: ARIJIT KUNDU – 84.05%

Department of Physics

- ✓ Number of Students appeared in the final year examination
- ✓ Number of Students passed in final year examination 06
- ✓ Highest marks: SURJENDU BISWAS – 76.92%

Department of Zoology

- ✓ Number of Students appeared in the final year examination 17
- ✓ Number of Students passed in final year examination 17
- ✓ Highest marks: PUJA BASAK – 80.76%

B.Com Honours

- ✓ Number of Students appeared in the final year examination 25
- ✓ Number of Students passed in final year examination 21
- ✓ Highest marks: ARNAB SAHA – 65.30%

B.A General

- ✓ Number of Students appeared in the final year examination 965
- ✓ Number of Students passed in final year examination 607
- ✓ Highest marks: RIYA SARKAR – 64.48%

B.Sc. General

- ✓ Number of Students appeared in the final year examination 70
- ✓ Number of Students passed in final year examination 68
- ✓ Highest marks: MADHUMITA DEY 77.52%

B.Com. General

- ✓ Number of Students appeared in the final year examination 22
- ✓ Number of Students passed in final year examination 15
- ✓ Highest marks: DEEP SAHA– 58.67%

Academics and Academicians

- ✓ **Dr. Tapati Thakur** and **Dr. Chandrima Basu** took part as a judge (Rabindra Sangeet and Debate) in the "Online Inter College Cultural Competition - PRABAHA2021 organized by Sree Krishna College, Bagula which was held on 25.07.2021.
- ✓ **Dr. Tapati Thakur** and **Dr. Chandrima Basu** joined a One day workshop on UG Bengali (Hons. & General) syllabus organized by Bengali BOS (Board of Studies) on 15.09.2021.

The teachers of the college are always striving on the path of academic success. Their single-minded devotion to research bore the captioned publications listed below (papers published per teacher in the Journals during the year 2021 July to 2021 December).

Dr. Chinmay Biswas (Mathematics)

- ✓ Some remarks on the growth of composite P-ADIC entire function, Korean J. Math, 2021, 1976-8605 (P) 2288-1433 (O)
- ✓ Some remarks on the generalized order and generalized type of entire matrix functions in complete Reinhardt domain, Korean J. Math, 2021, 1976-8605 (P) 2288-1433 (O)
- ✓ Some growth properties of special type of differential polynomial generated by entire and meromorphic functions on the basis of their relative L-th order, Jnanabha, 2021,
- ✓ Generalized relative type and generalized relative weak type oriented some growth analysis of composite p-ADIC entire functions, Jnanabha, 2021, 2319-1023 (P), 2287-6081 (O)
- ✓ On some growth properties of composite entire functions on the basis of their generalized relative order, J. of Ramanujan society of mathematics and mathematical science, 2021, 2582-5461 (O)
- ✓ Relative L-th type and relative L-th weak type oriented growth properties of wronskian, J. Korean Soc. Math, Educ.2021, 1226-0657 (P)
- ✓ Growth properties of composite analytic functions in unit disc from the view point of their generalized, The Aligarh bulletin of mathematics, 2021, 0304-9787

Dr. Nirmalendu Ganai (Physics)

- ✓ Size dependent chromosome positioning using gene density based model, Indian Journal of natural Sciences, 2021, 0976-0997

Sri. Rajukumar Mandal (Physics)

- ✓ Thermoelectric properties of pristine graphyne and BN-Doped graphyne family, ACS Omega, 2021, 2470-1343

- ✓ Electronic and transport property of two-dimensional boron phosphide sheet, Journal of molecular graphics and modelling, 2021, 1093-3263, 1873-4243

Dr. Sandip Saha (Chemistry)

- ✓ Impact of metal oxide nanoparticles on cotton (*G. hirsutum* L.): a physiological perspective, Journal of cotton research, 2021, 2523-3254 (O) 2096-5044 (P)

Dr. Bhaskar Chatterjee (Chemistry)

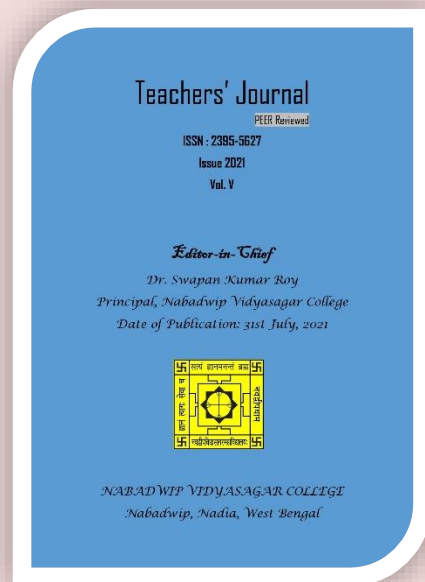
- ✓ Diamniopimelic acid and its analogues: synthesis and biological perspective, Tetrahedron, 2021, 0040-4020.

Dr. Suchismita Chatterjee (Zoology)

- ✓ Efficacy of derelict water bodies to be a fish culture pond: A potential survey based on influence of physicochemical parameters on the bacterial population and enzyme activity, Indian Journal of Biology, 2021, 2394-1391
- ✓ Heterogeneity of bacterial enzymes as nutrient enrichment signature in tropical wetlands: a sustainable environmental management tool, Environmental Challenges, 2021, 2667-0100
- ✓ Ethnobotany, phytochemistry, pharmacology, and toxicity of *Centella asiatica* (L.) Urban: a comprehensive review, Phytotherapy research, 2021, 1099-1573
- ✓ *Withania somnifera* (L.) Dunal (Ashwagandha): A comprehensive review on ethnopharmacology, pharmacotherapeutics, biomedical and toxicological aspects, Biomedicine and pharmacotherapy, 2021, 0753-3322.
- ✓ Promising botanical-derived monoamine oxidase (MAO) inhibitors: pharmacological aspects and structure activity studies, South african journal of botany, 2021, 0254-6299.
- ✓ Advancing urban ethnopharmacology: a modern concept of sustainability, conservation and cross-cultural adaptations of medicinal plant lore in the urban environment, Conservation physiology, 2021.

College Journal

Teachers' Journal is annually published by Nabadwip Vidyasagar College. It is a multidisciplinary peer-reviewed journal having ISSN 2395-5627 since 2015. The journal has an editorial board comprising of eminent persons from different institutions of India. Many authors from different disciplines contribute to this journal. The Journal Committee is committed to publish its next volume as a continuous process.



- Akhil Sarkar : **Contribution of Maharaja Krishna Chandra Roy Towards the Rejuvenation of the Education System in Nadia**
- Amalendu Das : **Analysis of adequate usage of the WordPress correlated YouTube videos as auxiliary literature for website design, development and customization.**
- Dr. Aniruddha Saha : **An Assessment of the Contemporary Education System**
- Dr. Arun Kumar Biswas : **Marriage, Divorce and Motherhood: Simrit as a New Woman in Nayantara Sahgal's The Day in Shadow**
- Abhisikta Paul : **The Saga of Post truth Politics: A Brief Theoretical Sketch**
- Bapin Mallick : **Exploring Contemporary Environmental Crisis and 'Deep Ecology': A Critical Study of the Select Writings of Ruskin Bond**
- Biplab Bagdi : **संस्कृतालंकारसाहित्ये आचार्यविश्वनाथस्य अवदानम्**
- Biswajit Mitra : **শিল্পের তথ্যানুসন্ধান (দেশ ও বিদেশ) : আদি - মধ্য - বর্তমান**

- Dipak Hazra : বাঙলা গদ্য সাহিত্যে বিদ্যাসাগর ও তাঁর শেষ জীবন :- একটি পর্যালোচনা
- Dr. Dipanjan Ghosh : Wole Soyinka's *A Dance of the Forests*: Crime, Punishment and Redemption
- Mohan Kumar Mondal : Bengal in The Light of Nabya Smriti: Ekti Alochana
- Pankaj Sarkar : Chemical treatment for degradation of pesticide residues: A review
- Pijush Bhadra : Orality to Literacy: Survival of Literature
- Rintu Mohanta : পশ্চিমবঙ্গের পঞ্চগয়েতি ব্যবস্থা : পরিবর্তন ও সংস্কার
- Rupen Mondal : Oskar and Jan at the Post Office: The *Die Blechtrommel* version of the attack on the Post Office in Danzig/Gdynia(September 1939) – A short thematic analysis of the Kashubian-Polish angle.
- Samir Mitra : Political Defection in India: A Menace to then Stability of Indian Parliamentary Democracy
- Dr. Soma Mondal : শ্রীवासुदेवसार्वाभौमचरितम्
- Soumita Mukherjee : Poverty Eradication by National Urban Livelihoods Mission (NULM) in India- An Overview
- Srabanti Das : Shaivism in Nadia propagate and popularity
- Sutapa Saha Mitra : Public health, hygiene, environment as depicted in the ancient Indian literary texts: Caraka Samhita and Susruta Samhita

वासांसि जीर्णानि यथा विहाय नवानि गृह्णाति नरोऽपराणि।
तथा शरीराणि विहाय जीर्णान्यन्यानि संयाति नवानि देही॥

श्रीभगवद्गीता 2.22

As a person puts on new garments, giving up old ones, similarly, the soul accepts new material bodies, giving up the old and useless ones.

Bhagavad Gita – 2.22