



VIDYASAGAR METROPOLITAN COLLEGE

ANNUAL REPORT 2023-2024

Vidyasagar Metropolitan College, formerly known as Vidyasagar Evening College, shares a proud and storied legacy with its sister institutions – Vidyasagar College and Vidyasagar College for Women. This legacy can be traced back to 1859, when Pandit Ishwar Chandra Vidyasagar took over as President of the Managing Committee of the Calcutta Training School. His leadership led to the establishment of the Metropolitan Institution in 1860. The institution was affiliated with the University of Calcutta for Arts in 1872 and was renamed Vidyasagar College in 1917, marking a new era of rapid development.

In 1922, the college established India's first Commerce Department, and by 1931, a Morning Section exclusively for women was introduced. Responding to increasing demand, a separate evening section for Commerce was launched in 1951. A decade later, in 1961, this section became an independent institution under the name Vidyasagar Evening College, continuing its mission to provide quality education to students from diverse backgrounds.

Over the past sixty years, the college has seen remarkable evolution. Initially co-educational, it faced limitations due to space-sharing arrangements with its sister colleges. However, the construction of a new building in 2014 and a change in operational hours paved the way for greater academic expansion. These developments culminated in the renaming of the institution to Vidyasagar Metropolitan College, a transition officially approved by the University of Calcutta, the West Bengal Higher Education Council, the Government of West Bengal, and the UGC.

Today, Vidyasagar Metropolitan College offers a broad spectrum of undergraduate programs in Commerce, Humanities, and Science. Honours courses are available in Bengali, English, Political Science, Geography, Mathematics, Physics, and Physiology, alongside General courses in various disciplines.

Despite ongoing challenges, the college continues to move steadily toward its long-term objectives. It has hosted numerous academic and extracurricular initiatives, including certificate courses in Nutrition and Public Health Awareness, ICT and Computing Skills, and Mushroom Cultivation. Admission and examination data indicate strong student engagement, particularly in B.Com. (Honours) and B.A. (General) programs.

The college's NSS unit has led impactful outreach activities such as Thalassemia Awareness drives, Blood Donation Camps, and Dengue Awareness Rallies. Faculty members have actively participated in professional development programs and contributed research papers to reputed journals, spanning fields from material science to environmental studies.

Collaborations have also played a vital role, with partnerships formed with local colleges and national organizations aimed at enhancing skill development and capacity building. The college celebrated key events such as commemorative days, hosted sports tournaments, and organized academic competitions. Thus Vidyasagar Metropolitan College has been standing as a beacon of inclusive education and continuous improvement, committed to academic excellence, social responsibility, and holistic student development.

Add-on courses during 2023 – '24

Name of the Courses	Duration of course
Official communication through regional language (dept. of Bengali)	05.01.2024 – 24.01.2024
Add-on course on IT, level 1 & 2 (dept. of Commerce)	
Consumer protection act: rights and responsibilities (dept. of Political Science)	
Environment management (dept. of Zoology)	

Students' intake during 2023 – '24

Program Name	Number of seats sanctioned	Number of students admitted
Bengali Honours	98	7
English Honours	98	47
Political Science Honours	98	16
Geography Honours	49	33
Mathematics honours	98	02
Physics Honours	61	03
Physiology Honours	86	29
B.Com. Honours	110	66
B.A. General	244	131
B.Sc. General	122	16
B.Com. General	110	84

Results of final semester during 2023 – '24

Program Name	Number of students appeared	Number of students passed
Bengali Honours	08	04
English Honours	21	08
Political Science Honours	12	07
Geography Honours	39	33
Mathematics honours	19	08
Physics Honours	15	04
Physiology Honours	22	11
B.Com. Honours	99	32
B.A. General	68	09
B.Sc. General	12	04
B.Com. General	56	03

Extension and outreach programmes organised

Date	Name of the programme	Organised by	Scheme
21.06.2024	Celebration of International Yoga Day: Yoga for Women empowerment	NSS unit	Awareness programme
05.06.2024	Observation of World environment day	NSS unit	Environmental awareness programme
15.05.2024	Thalassemia awareness and screening programme	NSS unit, in collaboration with Dr. B.C. Roy PG Institute of Pediatric Sciences	NSS regular activity
29.03.2024	Sports activity for slum children	NSS unit	NSS special camp
28.03.2024	Programme on mental health and counselling	NSS unit	NSS special camp
27.03.2024	Free eye check-up camp	NSS unit, in collaboration with Susrut Eye Foundation and Research Centre, Kolkata	NSS special camp
26.03.2024	Orientation programme on menstrual hygiene	NSS unit	NSS special camp
25.03.2024	Malaria and dengue awareness programme	NSS unit	NSS special camp
24.03.2024	Free health checkup programme	NSS unit	NSS special camp
23.03.2024	Cleanliness drive	NSS unit	NSS special camp
28.02.2024 to 06.03.2024	Voter awareness programme: "Mera pehla vote desh ke liye"	NSS unit and dept. of Political Science	Awareness drive
15.08.2023	Sit & draw competition for slum children	NSS unit	NSS regular activity
15.08.2023	Celebration of Independence Day	NSS unit	NSS regular activity

Faculty development programmes attended

Name of the participant	Title of the FDP /MDP/ professional development / administrative training program
Dr. Sarajit Sardar	Multivariate Data Analysis and Structural Equation Modeling using SPSS, during 28.11.2023 – 02.12.2023
Dr. Mohsin Islam	Data analysis using advanced computational techniques, during 24.07.2023 – 28.07.2023
Dr. Biswajoy Brahmachari	Refresher course in Physics, during 30.08.2023 – 13.09.2023
Dr. Biswajoy Brahmachari	Refresher course in Physics, Engineering and Technology, during 05.01.2024 to 19.01.2024
Dr. Kartick Malik	Stress management and counselling, during 06.03.2024 – 13.03.2024
Dr. Kartick Malik	Data Science in Engineering, during 10.06.2024 – 14.06.2024
Smt. Damayanti Bakra	Emerging dimensions in Biological Sciences, during 24.11.2023 – 08.12.2023

Research publications in UGC approved journals

Title of paper	Name of the author/s	Name of journal	ISSN No.
Development of pollen dyads in <i>Polypleurum munnarens</i> Nagendran & Arekal (Podostemaceae): Insights into the plant's reproductive strategy	R. Krishnan, P. Khanduri, R. Tandon	Flora	0367-2530
An in-silico pharmacophore-based molecular docking study to evaluate the inhibitory potentials of novel fungal triterpenoid Astrakurkurone analogues against a hypothetical mutated main protease of SARS-CoV-2 virus	A. Nag, A. Dasgupta, S. Sengupta, T.K. Lai, K. Acharya	Computers in Biology and Medicine	0010-4825 (Print), 1879-0534 (Online)
Conjunction of hard k-mean and fuzzy c-mean techniques in clustering and identifying some critical meteorological parameters for thunderstorm formation over a metro city of India during pre-monsoon season	S. Chakraborty, S. Ghosh and S.K. Midya	Journal of Earth System Science	2347-4327
Charge density wave induced nodal lines in LaTe ₃	S. Sarkar, J. Bhattacharya, P. Sadhukhan, D. Curcio, R. Dutt, V. Kumar Singh, M. Bianchi, A. Pariari, S. Roy, P. Mandal, T. Das, P. Hofmann, A. Chakrabarti & S. Roy Barman	Nature Communications	2041-1723
Signatures of topological surface state and unconventional magnetotransport properties in elemental ruthenium	R. Singha, S. Sarkar, A. Ghosh, S. Roy, S. Barman, M. Balal, S. Roy Barman, P. Mandal	Advanced Quantum Technologies	2511-9044
Transport phenomena of TiCoSb: defect induced modification in the structure and density of states	S. Mahakal, D. Das, P. Singha, A. Banerjee, S.C. Das, S. K. Maiti, S. A. Aravindh, K. Malik	Materials Advances	2633-5409
Anisotropic transport properties and high-mobility of charge carriers of antiferromagnetic GdAgSb ₂	S. Roy, R. Singha, R. Alam, P. Mandal	Journal of Physics-Condensed Matter	0953-8984
Detection of Nontrivial Topology Driven by Charge Density Wave in a Semi-Dirac Metal	R. Alam, P. Boyal, S. Roy, R. Singha, B. Pal, R. Pal, P. Mandal, P. Mahadevan, A.N. Pal	Advanced Functional Materials	1616-3028
Vitamin D and pathophysiology of polycystic ovary syndrome: a case-control study.	B.R. Basu, S. Chakraborty, A. Samaddar, R. Pal, S.K. Saha, N. Das	Journal of Diabetology	2543-3288
Bayesian estimation in Rayleigh distribution under a distance type loss function	B. Seal, P. Banerjee, S. Bhunia, S.K. Ghosh	Pakistan Journal of Statistics and Operations Research	1816-2711
Diversity and distribution of ants (Hymenoptera: Formicidae) in western sector of Sunderbans, India.	D. Bakra, S. Sheela, S. Bhattacharyya	Journal of the Maharaja Sayajirao University of Baroda	0045-0422

Books and chapters in edited volumes; books and papers published in National / International conference proceedings

Name of the teacher	Title of the book/chapters published; paper in conference proceedings	ISBN/ISSN number of the proceeding
Shyamasree Basu	Sustainable eating and wellness: examining nutrition strategies in Barbara Kingsolver's animal, vegetable, miracle: our year of seasonal eating and Ruth Ozeki's A Year of Meats; in <i>Covid -19 in India, Disease, Health and Culture: Can wellness be far behind?</i> by Routledge	978-1-032-29268-7
Debalina Banerjee	It's a Rainbow World; in <i>Global Children's Literature in the College Classroom</i> ; by Lexington books	978-1-66692-462-6
Swati Maitra	Down The Memory Lane- The Journey of Nikhil Banga Prathamik Sikshak Samiti; in <i>Itihas Prabandhamala, International Conference of Itihas Academy, Dhaka</i>	2074-8663
Madhusudan Saha	Domer chita: nimnabarger astibadi chetonar akhyan; in Sahitya Angan, <i>One-day International conference in Shaltora Netaji Centenary College, Bankura</i>	2394-4889
Madhusudan Saha	Bandhu vuter akhyan: Prasanga 'Sab vuturer'r nirbachito galpo; in <i>Bangla samaj-sanskriti-sahityacharcha: bahumatrik chetanay</i> , by Diya Publication, Kolkata	978-93-87003-46-0
Srinwanti Mukhopadhyay	An effeminate Bengali: a construct of the colonial rule; in <i>Eshana 2, 5th International conference of the Bangiya Itihas Samiti</i> , Kolkata, by Aruna Publication, Kolkata	978-81-961439-0-9
Susmita Saha	Fulki orofe Amitar akhyan; in <i>Ichamati - Shatabarshe Gourkishore Ghosh</i> , by Ichamati Publication, Kolkata	
Damayanti Bakra	Abundance of ants (Hymenoptera: Formicidae) during pre-monsoon and post-monsoon seasons in the mangrove patches of Indian Sundarbans; in <i>Trends in chemical and biological research</i> , by Lincoln University College, Malaysia	978-967-2819-20-2
Priyanka Khanduri & Sudip Kr. Roy	Functions and Prospects of Melatonin During Pre-fertilization Reproductive Stages in Plants; in <i>Melatonin: role in plant signaling, growth and stress tolerance</i> , by Springer, Cham	978-3-031-40172-5 (Print)
Sk. Rashidul Hassan	Rastra parichalanay nidesh mulak neeti; in <i>Bharatiya sagbidhan o prasashan</i> , by Avenel Press, Burdwan	978-93-94744-84-4
Madhusudan Saha	'Chor' Ek obocheton Moner Akhyan; in <i>Chotogolper Nana Rong</i> , by Gouri Publishing House, Kolkata	978-81-954080-9-2
Susmita Saha	Bratakatha o panchali: Banglar sampad; in <i>Bangla samaj-sanskriti-sahityacharcha bahumatrik chetonay</i> , by Diya Publication, Kolkata	978-93-87003-46-0

Research projects

Name of the Project/ Endowments, Chairs	Principal Investigator/ Co-investigator	Department	Funding Agency
Functionality of half-metallicity in half-Heusler full-Heusler composite: impact on structural and thermoelectric power generation	Dr. Shubhankar Roy (PI) and Dr. Kartick Malik (Co-PI)	Physics	UGC-DAE CSR, Mumbai, India
SnTe based Nano-Composite: Impact on structural, transport and Thermoelectric Power factor	Dr. Kartick Malik (PI)	Physics	UGC-DAE CSR, Kalpakkam, India
Half-Heusler and Heusler nanocomposite: impact on mid-temperature thermoelectric power generation	Dr. Kartick Malik (Co-PI)	Physics	UGC-DAE CSR, Kalpakkam, India

Guidance for career counselling

- Workshop on Career Counselling with ICA, organised by department of Commerce, on 09.12.2023.
- Career Counselling Session titled "Opportunities as MBA", organised by department of Commerce with Indian School of Business and Media, on 21.12.2023.
- Workshop on "The Art of Writing New Business Proposal", organised by department of Commerce and IQAC, on 30.01.2024.
- Certificate Course on Mushroom Cultivation.

Capacity development and skill enhancement activities

Name of the capacity development and skills enhancement program	Name of the agencies/experts involved
Workshop on "Fundamentals of information literacy and ethics of information sharing over social media", organised by Human values and professional ethics subcommittee and Factsala, India Media Literacy Network; on 16.09.2023	Joydeep Das Gupta , Editor of <i>News Sense</i> and a certified trainer with FactShala
Special lecture on "AI: its impact on culture and society", organised by department of Sociology; on 07.10.2023	Dr. Basabi Chakraborty, Department of Sociology, Rabindra Bharati University
Workshop on Mental health and well-being, organised by Human Values and Professional Ethics Subcommittee in collaboration with Students' Activity Subcommittee; on 02.01.2024	Mr. Arup Ghosh, Consultant Hypnotherapist and life Coach
Workshop on "Basic techniques in cell biology", organised by department of Zoology; on 01.03.2024	Dr. Krishnendu Das, Assistant Prof., City College

Sports and cultural events in which students of the college participated

Date	Name of the event/activity	Organizer
13.07.2023	RABINDRA.NAZRUL SMORONE BORONE	Vidyasagar Metropolitan College
12.08.2023-15.08.2023	Class A Weight Category 46.50 Kg Event at 11th Senior National Pencak Silat Championship 2023.24	Indial Pecak Silat Federation, India
12.08.2023-15.08.2023	Category Ganda Event at 11th Senior National Pencak Silat Championship	Indial Pecak Silat Federation, India
05.09.2023	CU Football Tournament 2023.24	Calcutta University
09.09.2023	Essay writing	Student Health Home
09.09.2023	Act Play	Student Health Home
09.09.2023	Recitation	Student Health Home
09.09.2023	Recitation	Student Health Home
09.09.2023	Act Play	Student Health Home
20.09.2023	Dance competition	Vidyasagar Metropolitan College
20.09.2023	Recitation competition	Vidyasagar Metropolitan College
20.09.2023	Singing competition	Vidyasagar Metropolitan College
20.09.2023	Extempore competition	Vidyasagar Metropolitan College
20.09.2023	Photography competition	Vidyasagar Metropolitan College
23.09.2023	Drawing Competition	Vidyasagar Metropolitan College & Prabhu Jagat Bandhu College
23.09.2023	International Day of Sign Languages' Quiz	NCERT
26.09.2023	Founder's Day celebration	Vidyasagar Metropolitan College
03.12.2023	Quiz on International Day of Person with Disabilities	NCERT
08.01.2024	POSTER COMPETITION. STUDFENT'S WEEK CELEBRATION	Vidyasagar Metropolitan College
18.01.2024	Annual Sports of Vidyasagar Metropolitan College	Vidyasagar Metropolitan College
26.01.2024	Quiz on India's Democracy	Ministry of Education and Ministry of Youth affairs and sports
01.03.2024-03.03.2024	North Kolkata District Inter College State Games and Sports Championship 2023.24	Victoria Institution, Kolkata

08.03.2024- 10.03.2024	Senior Men Tanding Event at 5th East Zone Pencak Silat Championship 2023.24	Pencak Silat Sports Association, Bengal and IPSF
08.03.2024 to 10.03.2024	Senior Men Ganda Event at 5th East Zone Pencak Silat Championship 2023.24	Pencak Silat Sports Association, Bengal and IPSF
18.04.2024	Photography competition on World Heritage Day	Vidyasagar Metropolitan College
07.05.2024	Income Tax Quiz	Income Tax department, Government of India
20.05.2024	Quiz on Bharatiya Nayay Sanghita	Bureau of Police research and development and Minsitry of Home Affairs
10.06.2024- 12.06.2024	2nd Odisha National Swimming Ranking Championship 2023	Swimming Federation of India

MoU signed with other institutions

Sl. No.	College Name	Date	Tenure (Years)
1	Anudip Foundation for Social Welfare	01.07.2023	3
2	Tally Institute of Learning	01.07.2023	3
3	City College of Commerce and Business Administration	16.01.2024	5
4	Prafulla Chandra College, Kolkata	16.02.2024	3
5	Roy's Institute of Competitive Examination Pvt. Ltd.	27.06.2024	3

Student-of-the-year

- Koushiki Biswas, Student of English (honours) Course was awarded as the student of the year for her overall performance of the student during the course of study in the college.