

**Report on An Intracollege - Workshop On “Mushroom Cultivation: Techniques And Income Generation” organised by Department Of Botany on 16/07/2021.**

A workshop on “Workshop on Mushroom Cultivation Techniques And Income Generation” was organized by Department of Botany in collaboration with Internal Quality Assessment Cell (IQAC) Netaji Subhas Mahavidyalaya, Udaipur, Gomati, Tripura on 16<sup>th</sup> July, 2021 in virtual mode powered by StreamYard and streamed live in YouTube at 12noon.

In the said workshop approximately 850 persons registered themselves vast majority of them are students of various semesters. Till date 778 views in YouTube are recorded along with 61 subscribers and 102 likes. The YouTube link is - <https://youtu.be/vguc7Ik9ACE>.

In this workshop we are pleased to have Dr. Anupam Guha, Associate Professor, Rabindranath Thakur Mahavidyalaya, Bishalgarh as a resource person. He has wholeheartedly presented the techniques of mushroom farming and how to generate income out of it.

The workshop started with curtain raising by the Organizing secretary of the workshop as well as the host of the programme followed by welcome address by our Principal-in-charge.

The target group of this workshop was our dearest students and we as organizers are happy to see the response from our students. The enthusiasm they shown to learn the techniques was immense and we are trying to grow mushroom in our college premises involving students using innovative techniques.

RECENT PUBLICATIONS OF FACULTIES OF NETAJI SUBHAS MAHAVIDYALAYA, UDAIPUR

Sl no.	Name of the faculty	Details of publication
1.	Dr. Sudhan Debnath	<p><b>Scientific Journals:</b></p> <ol style="list-style-type: none"> <li>1. Arkadeep Sarkar, Debanjan Sen, Ashutosh Sharma, Ravi Kumar Muttineni, <b>Sudhan Debnath*</b>, Structure-based virtual screening and molecular dynamicssimulation to identify potential SARS-CoV-2 spike receptor inhibitors from natural compound database, <i>Pharmaceutical Chemistry Journal</i>, Vol. 55, No. 5, August, 2021 (Russian Original Vol. 55, No. 5, May, 2021).</li> <li>2. <b>Sudhan Debnath</b>, Samhita Bhaumik, Debanjan Sen, Bimal Debnath, Phytochemicals of Zingiberaceae family exhibit potentiality against SARS-CoV-2 main protease identified by a rational computer-aided drug design, <i>Natural Product Research</i>, <b>2021</b> (GNPL-2021-1118, Revised Submitted).</li> <li>3. <b>Debnath S*</b>, Sen D. Mushrooms are potential foods against cancer: identified by molecular docking and molecular dynamics simulation. <i>Nat Prod Res.</i> <b>2021</b>, 11:1-6. doi: 10.1080/14786419.2021. (*=corresponding author).</li> <li>4. Chakraborty, S., Saha, A. K., Sharma, S. Chakraborty, R. <b>Debnath, S.</b> A hybrid whale optimization algorithm for global optimization. <i>J Ambient Intell Human Comput.</i> <b>2021</b>. <a href="https://doi.org/10.1007/s12652-021-03304-8">https://doi.org/10.1007/s12652-021-03304-8</a></li> <li>5. Debnath, P*. Bhaumik, S. Sen, D. Muttineni, R. K. <b>Debnath, S*</b>, Identification of SARS-CoV-2 Main Protease Inhibitors Using Structure Based Virtual Screening and Molecular Dynamics Simulation of</li> </ol>

		<p>DrugBank Database, <i>Chemistry Select</i>. <b>2021</b>, 6, 4991 – 5013.</p> <p>6. Sen D, Bhaumik S, Debnath P, <b>Debnath S*</b>. Potentiality of <i>Moringa oleifera</i> against SARS-CoV-2: identified by a rational computer aided drug design method. <i>J Biomol Struct Dyn</i>. <b>2021</b>. 15:1-18. doi: 10.1080/07391102.2021.1898475</p> <p>7. Debnath, B. Debnath, P. Ghosh, R. <b>Debnath, S*</b>. In silico identification of potential inhibitors of SARS-CoV-2 papain-like protease from natural sources: A natural weapon to fight COVID-19, <i>Coronaviruses</i>, <b>2020</b>, <a href="https://doi.org/10.2174/2666796701999201203211330">https://DOI: 10.2174/2666796701999201203211330</a></p> <p>8. Debnath P*, Debnath B, Bhaumik S, <b>Debnath S*</b>. In Silico Identification of Potential Inhibitors of ADP-Ribose Phosphatase of SARS-CoV-2 nsP3 by Combining E-Pharmacophore- and Receptor-Based Virtual Screening of Database. <i>ChemistrySelect</i>. <b>2020</b>, 5(30):9388-9398. <a href="https://doi.org/10.1002/slct.202001419">https://doi: 10.1002/slct.202001419</a>.</p> <p>9. Sen D, Debnath P, Debnath B, Bhaumik S, <b>Debnath S*</b>. Identification of potential inhibitors of SARS-CoV-2 main protease and spike receptor from 10 important spices through structure-based virtual screening and molecular dynamic study. <i>J Biomol Struct Dyn</i>. <b>2020</b>, 18:1-22. doi: 10.1080/07391102.2020.1819883.</p> <p>10. Debnath B, Saha AK, Bhaumik S, <b>Debnath S*</b>. In Silico Identification of Potential Inhibitors of the Main Protease of SARS-CoV-2 Using Combined Ligand-Based and Structure-Based Drug Design Approach. <i>Eurasian Journal of Medicine and Oncology</i>, <b>2020</b>. 4(4):336–348. DOI: 10.14744/ejmo.2020.91768</p> <p>11. Sarkar, A. Shilkar, D. Jayaprakash, J. Maity, A. Sardar, S. <b>Debnath, S.</b> Debanjan Sen, Virtual screening assisted identification of small molecule against 2019- novel coronavirus protease enzyme, <i>Journal of Pharmaceutical Chemistry</i>, <b>2020</b>, 7: DOI: <a href="http://dx.doi.org/10.14805/jphchem.2020.art116">http://dx.doi.org/10.14805/jphchem.2020.art116</a></p>
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2.	Dr. Basu Maan Daas	“Design No. 320743-001” in Indian Patent Office Journal No. 40/2019 Dt. 04/10/2019.
3.	Dr. Shankari Das	<p><b>Articles/chapter Published in Books/Journal:</b></p> <p>"Tripura o Barak Upatyakar Bangla Natak, Natyamancha o Natya Andolaner Kramabikaser Dhara akti Aitihāsik Samiksha (1947 theke 2010 khrīstābda parjanta)" published in the year 2020 from Tulshi Publishing House. ISBN no is 978-81-945048-0-1</p>
4.	Dr. Sumana Majumdar	<p><b>Journal:</b></p> <ol style="list-style-type: none"> <li>1. ‘Geriatric Mental Health Care in India: Issues and Challenges’. <i>International Journal of Applied Social Science</i>, 2019, Vol. 6 (4). Impact Factor: 5.734 (<b>Co-author</b>)</li> <li>2. ‘Social Anxiety Disorder among Adolescents and Adults: A Study in Tripura’. <i>International Journal of Applied Social Science</i>, 2019, Vol. 6 (8). Impact Factor: 5.734. NAAS Rating : 2.61.</li> </ol> <p><b>Chapter in Edited Books:</b></p> <ol style="list-style-type: none"> <li>1. ‘Women Education: Issues and Challenges’, 2021, Dr. Sudipta Chakraborty &amp; Suman Atta (eds) in <i>Emerging Issues in Indian Education</i>. N.B. Publications: U.P., India. Pp.174-185. ISBN: 978-93-89234-97-8</li> <li>2. ‘Junenile Delinquency in India with Special Reference to Juvenile Justice System’, 2021, Dr. Lalita K. Sharma &amp; Dr. Sanjay Kumar Das (eds) in <i>Economic &amp; Social Issues that Plague Indian Economy</i>. Assian Book Press: Kolkata, India. Pp. 141-150. ISBN: 978-93-90970-33-9.</li> </ol>
5.	Dr. Nupur Datta	The Mustard Aphid <i>Lipaphis Erysimi</i> (KALTENBACH) and its natural enemies in Tripura: A review. <i>Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences</i> . 2020, Vol. 6 (5)
6.	Dr. Archana Dandapath	<p><b>Edited Books:</b></p> <p>Bhumi Katha O Bangla Choto Golpa, edited by Dr. Archana Dandapath &amp; Piu Nandi, Published by Bhasha O Sanskriti Gabeshana</p>

		<p>Parishad, Madanpur, Nadia, 741245, First Published 31<sup>st</sup> May, 2021. (Page No. 1 to 221) (ISBN : 978-93-5445-003-7)</p> <p><b>Articles/chapter Published in Books/Journal:</b></p> <ol style="list-style-type: none"> <li>1. Shahitya O Shahityik (A collection of writings on Language, Literature &amp; Writers). Shikshabhabnar Alope Rabindranather ‘Shishu’ Kabyogranther Nirbachito Koyekti Kobita : Ekti Bishleshonatomk Odhyoyan.” Edited by Sanjoy Roy &amp; Piu Nandi. First Published January, 2019. Punascha Publisher, Kolkata. ISBN 978-81-7332-964-7</li> <li>2. ‘এবং মহুয়া’ /Ebong Mahuya - বিশ্ববিদ্যালয় মঞ্জুরী আয়োগ (UGC-CARE) অনুমোদিত তালিকার অন্তর্ভুক্ত। এবং মহুয়া (বাংলা ভাষা, সাহিত্য ও গবেষণাধর্মী মাসিক পত্রিকা), ২২৩ম বর্ষ, ১২৫ সংখ্যা। অক্টোবর, ২০২০ পাঠ্যপুস্তক রচয়িতা রবীন্দ্রনাথ সম্পাদক ড. মদনমোহন বেরা, সহসম্পাদক পায়েল দাস বেরা এবং মৌমিতা দত্ত বেরা</li> </ol>
7.	Smt. Rituparna Poddar	<p><b>Articles/chapter Published in Books/Journal:</b></p> <p>Economic Growth Rates of the North-Eastern States of India - A Note. <i>Shodh Sanchar Bulletin (UGC CARE listed)</i></p> <p>ISSN - 2229 – 3620. Vol – 10 Issue- 40, October to December 2020</p>