

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI II NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

NOTICE

Researching to Learn and Learning to Research with Drosophila

This lecture is arranged in collaboration with ATBS on 20th August 2020. *Drosophila*, also called the Cinderella of genetics, has been useful in the experimental studies in the field of genetics. Due to its small size, minimal requirements and a comparatively simple genome has made it a good model organisms in the field of biomedical sciences too. Due its small size it does not require a big laboratory and any student interested in research pertaining to developmental studies can also use for it for the purpose. This lecture, in particular, helps to gain insights of such aspects. The session would remain open for the students and the staff and will also be streamed live on You Tube.

PRINCIPAL
RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Chatkopar (W), Mumbai-400 086, Maharashtra, INDIA





(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA. Tel No: +91 22 25151763 Fax No: +91 22 25150957 Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in

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R. J. COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)

Opposite Ghatkopar Railway Station, Ghatkopar (W), Mumbai 400 086.

in association with

Association of Teachers in Biological Sciences (ATBS)

DBT Star College Status and Star College Activity

RJC Popular Lecture Series 2.11:

RESEARCHING TO LEARN & LEARNING TO RESEARCH WITH DROSOPHLA

Dr. Birnalendu B Nath, Emeritus Professor & Former Head, UGC Center of Advanced Studies in Zoology, Department of

Zoology, Savitribal Phule University, Pume
Dr B.B.Nath is currently an Emeritus Professor at the Department of Zoology, Savitribal Phule Pune University (Formerly known as University of Pune). He teaches genetics and allied subjects and is researching in the area of stress biology and chromosomal genetics. He graduated from Guwahati University, Assam. He received his Masters degree in Life Sciences from the Visva-Bharatic Central University, Santinishan, West Bengal. He obtained his Ph.D. from Banaras Hindu University. He also worked at the Malaria Research Centre, National Institute of Communicable Disease, Delhi as research trained. Thereafter he continued as a Post-Dectoral Associate at the Molecular Biology Unit of Institute of Medical Sciences, BHU. Dr Nath started his Independent carrier in backing and research at the University of Pune in 1992 and over the years, he has established a Stress Biology Research Group using Drosophila and Chironomus as model organisms (URL: http://bbmath-abrgroup.in/). He is a member of the Society of Experimental Biology (U.K.) and Cell Stress Society International (U.S.A.). He is a member of the editorial board of Journal of Radiation and Cancer Research.

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Currently, Prof. Nath has been contributing as a visiting faculty at different life science departments of S.P. Pune University campus in subjects like Genetics,

Currently, Prof. Nath has Currently, Prof. Nath has been contributing as a visiting faculty at different into science departments of 3-7, Pulse University campus in subjects like Genetics, Microscopy, Biodilversity and Evolution. Prof. Nath has been a recipient of 10-ag award for the best teacher in 2914 from the University of Pune, Prof. Nath has published many research articles on his chosen model systems including book chapters and reviews in national and international peer reviewed journals and he has been actively inverted in writing popular science articles for the undergraduate and post graduate bioding students and teachers. Prof. Nath served as an elected Vice President of Indian Society of Cell Biology. He is currently working as the Vice President of the Association of Teachers in Biological Sciences at the Homi Bhabha Centre for Science Education, Mumbai. He has a number of ongoing national and international contactions and has worked as a visiting scientist at the LM.T., Philipps University, Marburg and Freie University, Berlin, Germany and delivered lectures in Germany, Italy, China, Horavy, Czech Republic and Spain.



20th Aug, 2020 (Thursday)



Zoom Platform & Live on YouTube: https://youtu.be/JIPMnWx9uJl



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2019: Star College Status by DBT



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Bimalendu B. Nath Ph.D

Emeritus Professor & Former Head UGC Center of Advanced Studies in Zoology, Department of Zoology S.P.Pune University, Pune- 411007 E.mail: bbnath@gmail.com

Homepage: http://bbnath-sbrgroup.in/contact/

Dr B.B.Nath is currently an Emeritus Professor at the Department of Zoology, Savitribai Phule Pune University (*Formerly known as University of Pune*). He teaches genetics and allied subjects and is researching in the area of stress biology and chromosomal genetics. He graduated from Guwahati University, Assam. He received his Masters degree in Life Sciences from the Visva-Bharati Central University, Santiniketan, West Bengal. He obtained his Ph.D. from Banaras Hindu University. He also worked at the Malaria Research Center, National Institute of Communicable Disease, Delhi as research trainee. Thereafter he continued as a Post-Doctoral Associate at the Molecular Biology Unit of Institute of Medical Sciences, BHU. Dr Nath started his independent career in teaching and research at the University of Pune in 1992 and over the years, he has established a Stress Biology Research Group using *Drosophila* and *Chironomus* as model organisms (URL: http://bbnath-sbrgroup.in/). He is a member of the Society of Experimental Biology (U.K.) and Cell Stress Society International (U.S.A.). He is a member of the editorial board of Journal of Radiation and Cancer Research.

Currently, Prof. Nath has been contributing as a visiting faculty at different life science departments of S.P. Pune University campus in subjects like Genetics, Microscopy, Biodiversity and Evolution. Prof. Nath has been a recipient of 'Joag award' for the best teacher in 2014 from the University of Pune. Prof. Nath has published many research articles on his chosen model systems including book chapters and reviews in national and international peer reviewed journals and he has been actively involved in writing popular science articles for the undergraduate and post graduate biology students and teachers. Prof. Nath served as an elected Vice President of Indian Society of Cell Biology. He is currently working as the Vice President of the Association of Teachers in Biological Sciences at the Homi Bhabha Centre for Science Education, Mumbai. He has a number of ongoing national and international collaborations and has worked as a visiting scientist at the I.M.T., Philipps University, Marburg and Freie University, Berlin, Germany and delivered lectures in Germany, Italy, China, Norway, Czech Republic and Spain.



RAMNIRANJAN JAUNJHUNWALA COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) Gnatkopar (W), Mumbai-400 086, Maharashtra, INDIA



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RESEARCH TO LEARN AND LEARNING TO RESEARCH BY DR. B.B NATH

The speaker Dr Bimalendu B Nath described *Drosophila* as the preferred and dynamic model organism for translational research and as one of the best model organism among all genetic models in describing aspects of developmental biology. He described different advantages of using Drosophila as model for genetics and for translational research, with the biggest advantage being the short generation time of just 10 days. Starting from the history of genetic research using *Drasophila* to the advanced techniques of using *Drosophila* as tractable model in the study of neurogenetics, the speaker described it as a most promising tool for human genetics. He spoke about Drosophotoxicity, Nanogenotoxicology, use of Drosophila with *Chironomus* in understanding multiple stresses operating in a single organism. In his concluding remarks, he said that many of the potential applications of *Drosophila* are still untapped in the fields of biomedical and environmental interdisciplinary sciences.



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STUDENTS ATTENDANCE SHEET

Guest Lecture: Researching to Learn & Research with "Drosophila" on 20th August, 2020

SR NO	CLASS	ROLL NO	STUDENT NAME
1	MSC - I - BOT	112	MANDLIK SHREYA JALINDAR
		102	VAIDYA RIDDHI VINAYAK
2	MSC - I - BOT	109	YADAV VANDANA RAJESH
3	MSC - I - BOT	106	ANSARI SHAHIDA MOHAMMED WAJID
4	MSC - I - BOT		
5	MSC - I - BOT	125	SHAIKH MAKSOOD ALI SAJIBULLA
6	MSC - I - BOT	122	SHARMA PRIYA RAMTIRTH MALA
7	MSC - I - BOT	123	VISHWAKARMA KIRAN SHIVKUMAR
8	MSC - I - BOT	101	KARKERA VINITA VASANT
9	MSC - I - BOT	104	ADHIKARI REVATI MAHESH
10	MSC - I - BOT	105	ANSARI NAMRA MUSHTAQUE AHMED
11	MSC - I - BOT	121	SIDDIQUI SAMINA MOHD TAHER
12	MSC - I - BOT	108	TERSE SAMPADA RAVINDRA
13	MSC - I - BOT	111	SHAIKH KALAMUDDIN NIJAMUDDIN
14	MSC - I - BOT	107	VAIDYA MANSI JAGDISH
15	MSC - II - BOT	105	YADAV KARISHMA OMPRAKASH
16	MSC - II - BOT	119	VISHWAKARMA SONAL RAJSHARAN
17	MSC - II - BOT	108	ATIF HUSAIN ARIF HUSAIN
18	MSC - II - BOT	114	SHAIKH TAUFIQ SIDDIQUE
19	MSC - II - BOT	104	YADAV PANKAJ KRIPA SHANKAR
20	MSC - II - BOT	113	YADAV NAINA AMRITLAL
21	MSC - II - BOT	112	THORAT GAYATRI RAMESH
22	MSC - II - BOT	101	KANGRALKAR SOMNATH VAIJNATH
23	MSC31 129 2000	215	QURESHI AJMERUNNISA SALAHUDDIN
24	WBCONONOPS EXAMINATION DE	216	PAWAR MANALI ANIL

NAAC Re-accredited 'A' Grade

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2019: Star College Status by DBT

2010: IMC RBNQ Award 'Performance Excellence' for the year 2009
2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College
2013 & 2014: 'Jagar Jaanivancha Award' by Govt, of Maharashtra 2016: ISO 14001:2015 2016: ISO 9001:2015 2017: ISO 27001:2013
2018: Autonomous Status by University Grants Commission (No. F. 22-1/2018(AC) - 28.05.2018) & by University of Mumbai (No.Aff./ICD/18-19/440 - 08.06.2018)



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25	MSC - I - ZOO	206	PALLAVI MISHRA			
26	MSC - I - ZOO	205	SONAR BHARATI RAJESH SONAR			
27	MSC - I - ZOO	202	MATALE SHRUTI EKNATH			
28	MSC - I - ZOO	204	YADAV SUCHITRA MANOJ			
29	MSC - I - ZOO	201	CHUTKE AMRUTA ARJUN			
30	MSC - I - ZOO	212	SINGH SWATI ANIL KUMAR PADMA			
31	MSC - I - ZOO	213	SHAIKH AREEBA SHAHID ALI			
32	MSC - I - ZOO	205	SONAR BHARATI RAJESH SONAR			
33	MSC - I - ZOO	214	KHAN MARIYAM SHAFIQUE			
34	MSC - II - ZOO	205	MISHRA RISHABH RAJESH			
35	MSC - II - ZOO	202	CHOUDHARY RIZWAN MOHD HANIF			
36	MSC - II - ZOO	211	KHAN GULABSA BANO SARDAR HUSSAIN			
37	MSC - II - ZOO	214	SINGH SIMRAN PRADEEP			
38	MSC - II - ZOO	213	SHETTIGAR VIGNESH JANARDHANA GEETHA			
39	MSC - II - ZOO	204	SHELKE ABHISHEK SANTOSH			
40	MSC - II - ZOO	201	RITHIKA RAVISHANKAR			
41	MSC - I - BT	1	AMBIKAR RUSHIKESH VILAS VIDYA			
42	MSC - I - BT	3	BAIT POOJA ADINATH ASHWINI ASHWINI BAIT			
43	MSC - I - BT	15	RANE KETAKI MANOJ APARNA APARNA			
44	MSC - I - BT	16	SHARMA SNEHA MUNNA LAL SANGEETA SANGEETA			
45	MSC - I - BT	10	KHAN SAIMA ANJUM MOHD RIYAZ SADIYA ANJUM			
46	MSC - I - BT	5	CHOUGLE SOHAM ALFARID NEENA NEENA			
47	MSC - I - BT	12	MISHRA AKANSHA SHRIKANT BEENA			
48	MSC - I - BT	7	JAISWAR ARCHANA MAHENDRA PRATAP SAROJ			
49	MSC - I - BT	9	KAMBLE SURAKSHA DATTA RAJESHWARI RAJESHWARI			
50	MS@rivels College of A	19 Scar 19	UPADHYAY NILAY NISHAKAR SNEHALATA			
51	MSCAUTOBOM	DUS 8	AGRAHARI AKASHRAJ RAMVILAS GEETA			
NAAC Re-accredited A' Grade 2019: Star College Status by DBT RAMNIRANJAN JHUNJHUNWALA COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) Chalkopar (W), Mumbailed by University of Mumbai 2018: MC RBNQ Award 'Performance Excellence for the least 2009 086, Maharashtra, INDIA						

Re-accredited

A' Grade

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52	MSC - II - BT	3	GANGA DEEPIKA NARAYAN PADMA
53	MSC - II - BT	8	INGLE SNEHA KASHINATH SUNITA
54	MSC - II - BT	9	JESWANI SHILPA BHAVANDAS KAJAL
55	MSC - II - BT	21	YADAV ANURADHA HARIKESH NEELAM
56	MSC - II - BT	22	YADAV HIMADRI OMPRAKASH PUSHPA
57	MSC - II - BT	15	PHILIP VIVIAN VICTOR VERONICA
58	MSC - II - BT	16	SHAH DAMINI JAYESH ROMILLA
59	MSC - II - BT	20	TIWARI ASHIRWAD SATYAPRAKASH SHASHI
60	TYBSC	501	BARI HARSHADA SANTOSH SUNANDA
61	TYBSC	514	KHAN ANAM MOHAMMAD KAMRAN SHAILA
62	TYBSC	523	MAURYA AARTI RAMESH PUSHPA
63	TYBSC	525	MAURYA PRIYANKA JEETLAL LALTI DEVI
64	TYBSC	548	VISHWAKARMA AARTI MANOJKUMAR SHAMLA
65	TYBSC	551	YADAV NEHA KUMAR REKHA
66	TYBSC	559	SHAIKH HUMAIRA ABDUL SUBHAN SHAKEELA
67	TYBSC	606	CHEMPAKAMANGALAM SHREYA SANAL RAJANI
68	TYBSC	621	KHAN AFSHA MUZIHUR REHMAN SHAMA
69	TYBSC	630	PASI SUJATA PREMNATH SARITA
70	TYBSC	644	SHRIVASTAV MANSI ALOKCHANDRA SHASHI
71	TYBSC	650	SONI RAJNANDINI ANILKUMAR SUMAN
72	TYBSC	669	SAPKAL SHIVANI SANJAY



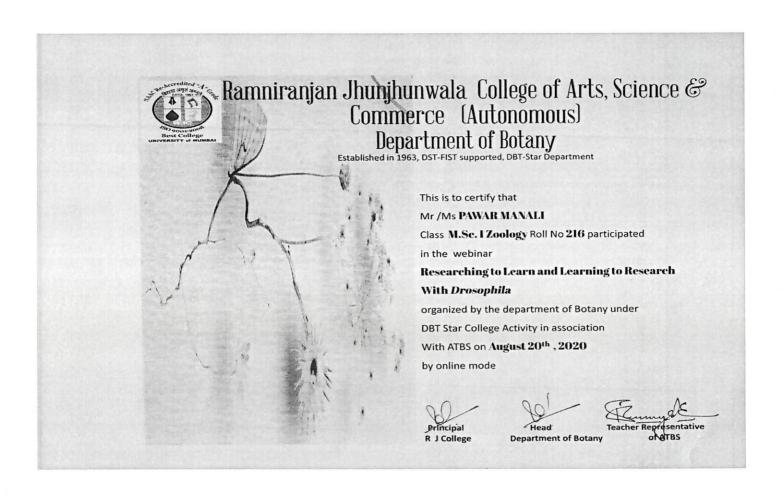
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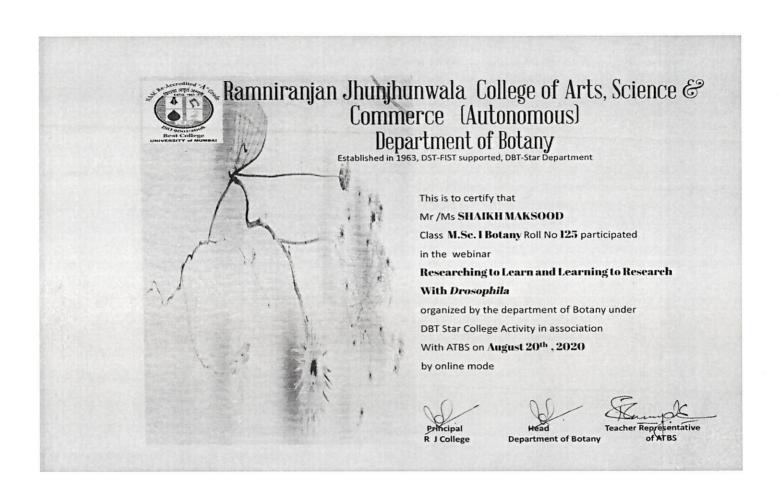
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