



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

**ONE-DAY WORKSHOP AND
HANDS-ON TRAINING
ON
AQUARIUM FABRICATION**

Date: 27. 03. 2024

**DEPARTMENT OF ZOOLOGY
SESSION: 2023-24**



Overview of the Program

Name of the Programme: One day Workshop and Hands on Training on Aquarium Fabrication

Resource persons: Dr. Anurag Protim Das, Assistant Professor, Department of Zoology, Gargaon College

Date: 27. 03. 2024

Organizer: Department of Zoology in collaboration with IQAC, Gargaon College and Department of Botany, Gargaon College

Rationality of the programme

In recent decades ornamental fish keeping and aquarium trade has emerged as a much lucrative industry. Keeping aquarium fish and breeding them is an exciting activity that brings not only aesthetic pleasure, but also employment opportunities. About 600 species of ornamental fish have been reported worldwide from various aquatic environments. Indian waters have a rich diversity of ornamental fish, with over 100 indigenous varieties, besides a number of similar exotic species bred in captivity. Native ornamental fish available in rivers can be easily caught from wild resources and can be cultivated for aquariums. The country exports fish worth ₹ 20000 crore every year. Of this, the share of ornamental fish is about ₹ 300 crore. There is still room to increase the production of ornamental fish varieties and the importance of successful business in the ornamental fish trade needs to be emphasized. Aquarium fabrication and trade requires low investment, minimum skill and space. So, awareness and training on aquarium fish culture and aquarium trade as prospect of entrepreneurship and employment generation holds an outmost significance in present day.



Brief report of the programme

A one-day workshop cum Hands-on Training on Aquarium Fabrication was organized by the Department of Zoology, Gargaon College, in collaboration with IQAC, Gargaon College and the Department of Botany, Gargaon College on 27th March, 2024. The workshop aimed to provide participants with comprehensive insights into the art and science of creating and maintaining aquariums. The program was inaugurated by noted academician and Principal, Gargaon College, Dr. Sabyasachi Mahanta. In his speech Dr. Mahanta expressed enthusiasm for the workshop's success, highlighting its relevance in fostering both academic enrichment and practical expertise among participants. Events like these not only enhance one's skills in creativity and innovation, but also employment opportunities. Dr. Rina Handique, Vice-Principal, Gargaon College and Head of the Department of Zoology, also emphasized on the interdisciplinary nature of the workshop and its potential to inspire future research, conservation efforts, and employment generation. By bridging the gap between theory and practice, workshops like this empower students to become stewards of environment sustainability and the importance of aquarium trade as a prospect of entrepreneurship. The resource person for the workshop was Dr. Anurag Protim Das, Assistant Professor, Department of Zoology, Gargaon College. He spoke on the emerging opportunities for self-employment in ornamental fish culture and trade.

The resource person shared knowledge and imparted hands-on training on Aquarium fabrication, offering invaluable guidance on species selection, water quality management, and the importance of biodiversity in aquarium ecosystems. Throughout the day, attendees were immersed in various aspects of aquarium fabrication from the selection of appropriate materials to the intricates of designing and setting up of a thriving aquatic environment. The Hands-on training segment allowed participants to put theory into practice as they engaged in interactive sessions under the supervision of the resource person. From assembling tanks to arranging aquatic plants and decor, attendees had the opportunity to hone their skills and gain first-hand experience in aquarium fabrication techniques. He also explained the concept of ornamental fish and named a few species of fish from north-east India with high market demand. He mentioned how north-east India is rich in native fish diversity and is considered a gold mine of ornamental fishes. Dr. Dimbeswar Das, HOD, Department of Botany, spoke on the significance of organizing the workshop for employment generation.

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The event was enthusiastically hosted by Dr. Surajit Saikia, Coordinator of IQAC, Gargaon College. The workshop, attended by Dr. Pimily Langthasa, Dr. Rashmi Dutta, Sangeeta Chetia and Sandeepa Agarwalla, faculty members of the departments of Zoology and Botany, proved to be a resounding success, enriching participants with valuable knowledge and skills for employment generation while fostering a deeper appreciation for the wonders of aquatic life. The participants were introduced to materials for aquarium fabrication like adhesives, glass, ancillaries, etc. The program was attended by 67 participants comprising students and faculties of various departments. As Gargaon College continues its commitment to providing innovative educational opportunities, such initiatives underscore its dedication to nurturing well-rounded individuals equipped to address the challenges of tomorrow. The workshop proved to be a positive step towards achieving such a goal.

Flyer of the programme



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE



Inaugurator
Dr. Sabyasachi Mahanta
Principal
Gargaon College

**One Day Workshop
& Hands on Training on
Aquarium Fabrication**

DATE: 27.03.2024
TIME: 1 PM
VENUE: Room No. 9
Gargaon College



Resource Person
Dr. Anurag Protim Das
Assistant Professor
Department of Zoology
Gargaon College



Organized by:
IQAC Gargaon College
in collaboration with
Department of Zoology &
Department of Botany, Gargaon College



Photographs





Newspaper clippings

Gargaon College organizes One-Day Hands-On Workshop on Aquarium Fabrication

Khairuddin Ahmed Sivasagar, Mar 28: Gargaon College, renowned for its commitment to holistic education and practical learning experiences, recently hosted a One-Day Hands-On Workshop on Aquarium Fabrication. The workshop was organized by the Internal Quality Assurance Cell (IQAC) in collaboration with the Department of Zoology and the Department of Botany, Gargaon College on March 27, 2024. The workshop aimed to provide participants with comprehensive insights into the art and science of creating and maintaining aquariums. Dr. Sabyasachi Mahanta, Principal and noted academician, inaugurated the workshop and expressed enthusiasm for the workshop's success, highlighting its relevance in fostering both academic enrichment and practical expertise among participants. "Events like these not only enhance our skills in creativity and innovation and also employment opportunities," remarked Dr. Mahanta. He also expressed his gratitude to the organizers for taking the initiative for organizing such a significant workshop. Dr. Rina Handique, Vice Principal, Gargaon College and Head of the Department of Zoology, spoke on emphasizing the

interdisciplinary nature of the workshop and its potential to inspire future research, conservation efforts and employment generation. By bridging the gap between theory and practice, workshops like this empower students to become stewards of environmental sustainability, he added. The resource person for the workshop Dr. Anurag Protim Das, Assistant Professor, Department of Zoology, Gargaon College, shared knowledge and imparted hands-on training on aquarium fabrication, offering invaluable guidance on species selection, water quality management, and the importance of biodiversity in aquarium ecosystems. Throughout the day, attendees were immersed in various aspects of aquarium fabrication, from the selection of appropriate materials to the intricacies of designing and setting up of a thriving aquatic environment. The hands-on training segment allowed participants to put theory into practice as they engaged in interactive sessions under the supervision of the resource person. From assembling tanks to arranging aquatic plants and decor, attendees had the opportunity to hone their skills and gain first-hand experience in aquarium fabrication techniques.

Dr. Dimbeshwar Das, Head of the Department of Botany, spoke on significance of organizing the workshop for employment generation. The event was enthusiastically hosted by Dr. Surajit Saikia, Coordinator, IQAC, Gargaon College. The workshop was attended by Dr. Pimily Langthasa, Dr. Rashmi Dutta, Sanjeeta Chetia and Sandeepa Agarwalla, faculty members of the departments of Zoology and Botany. Overall, the one-day workshop on aquarium fabrication organized by Gargaon College's IQAC, in collaboration with the Departments of Zoology and Botany, proved to be a resounding success, enriching participants with valuable knowledge and skills for employment generation while fostering a deeper appreciation for the wonders of aquatic life. A total of more than 200 participants attended the workshop. As Gargaon College continues its commitment to provide innovative educational opportunities, such initiatives underscore its dedication to nurturing well-rounded individuals equipped to address the challenges of tomorrow. The workshop proved to be a positive step towards achieving such a goal.

Workshop on Aquarium Fabrication

OUR CORRESPONDENT

SIVASAGAR, March 28: Gargaon College, renowned for its commitment to holistic education and practical learning experiences, recently hosted a one-day hands-on workshop on Aquarium Fabrication. The workshop was organized by the Internal Quality Assurance Cell (IQAC) in collaboration with the Department of Zoology and the Department of Botany, Gargaon College. The workshop aimed to provide participants with comprehensive insights into the art and science of creating and maintaining aquariums. Dr. Sabyasachi Mahanta, Principal and noted academician inaugurated

the workshop and expressed enthusiasm for the workshop's success, highlighting its relevance in fostering both academic enrichment and practical expertise among participants. "Events like these not only enhance our skills in creativity and innovation and also employment opportunities," remarked Dr. Mahanta.

He also expressed his gratitude to the organizers for taking the initiative for organizing such a significant workshop. Dr. Rina Handique, Vice Principal, Gargaon College and Head of the Department of Zoology, spoke on emphasizing the interdisciplinary nature of the workshop and its potential to inspire future research, conservation ef-

orts and employment generation. By bridging the gap between theory and practice, workshops like this empower students to become stewards of environmental sustainability, he added. The resource person for the workshop Dr. Anurag Protim Das, Assistant Professor, Department of Zoology, Gargaon College, shared knowledge and imparted hands-on training on aquarium fabrication, offering invaluable guidance on species selection, water quality management, and the importance of biodiversity in aquarium ecosystems. Throughout the day, attendees were immersed in various aspects of aquarium fabrication, from the selection of appropriate

materials to the intricacies of designing and setting up of a thriving aquatic environment. The hands-on training segment allowed participants to put theory into practice as they engaged in interactive sessions under the supervision of the resource person. From assembling tanks to arranging aquatic plants and decor, attendees had the opportunity to hone their skills and gain first-hand experience in aquarium fabrication techniques.

Dr. Dimbeshwar Das, Head of the Department of Botany, spoke on the significance of organizing the workshop for employment generation. The event was enthusiastically hosted by Dr. Surajit Saikia, Coordinator, IQAC, Gargaon College.

গড়গাঁও মহাবিদ্যালয়ত 'একুৰাৰিয়াম প্রস্তুত বিষয়ক কর্মশালাৰ সামৰণি

আমাৰ খবৰ, শিৱসাগৰ, ৩০ মাৰ্চ : সামগ্ৰিক শিক্ষা আৰু ব্যৱহাৰিক শিক্ষা অভিজ্ঞতাৰ প্ৰতি সচেতনতা, দায়বদ্ধতাৰ বৃদ্ধিৰ লক্ষ্যৰে শিৱসাগৰৰ ঐতিহ্যমণ্ডিত গড়গাঁও মহাবিদ্যালয়ত একুৰাৰিয়াম নিৰ্মাণৰ বিষয়ত কৰ্মশালা অনুষ্ঠিত কৰা হয়। গড়গাঁও মহাবিদ্যালয়ৰ প্ৰাণীবিজ্ঞান বিভাগ আৰু উদ্ভিদ বিজ্ঞান বিভাগৰ সহযোগত আভ্যন্তৰীণ মান নিৰূপন কোষৰ উদ্যোগত অনুষ্ঠিত হোৱা এই কৰ্মশালাত অংশগ্ৰহণকাৰীসকলক একুৰাৰিয়াম প্ৰস্তুতকৰণৰ বিষয়ে প্ৰশিক্ষণ দিয়া হয়। মহাবিদ্যালয়খনৰ অধ্যক্ষ, নিবন্ধকাৰ ড° সৰ্বাসাচী মহন্তই কৰ্মশালা উদ্বোধন কৰি ব্যতিক্ৰমী কৰ্মশালাখনৰ সামগ্ৰিক সফলতা

কামনা কৰি অংশগ্ৰহণকাৰীসকলক মাজত শৈক্ষিক সমৃদ্ধি আৰু ব্যৱহাৰিক দুয়ো দিশতে লাভান্বিত হ'ব বুলি আশা ব্যক্ত কৰে। ইয়াৰ লগতে ড° মহন্তই মন্তব্য কৰে যে এইধৰণৰ অনুষ্ঠানে কেৱল সৃষ্টিশীলতা আৰু উদ্ভাৱনৰ ক্ষেত্ৰতে আমাৰ দক্ষতা বৃদ্ধি কৰাই নহয়, নিয়োগৰ সুযোগো বৃদ্ধি কৰিব। অধ্যক্ষ ড° মহন্তই এনেধৰণৰ কৰ্মশালা আয়োজনত উদ্যোগ লোৱাৰ বাবে আয়োজকসকলক কৃতজ্ঞতা জ্ঞাপন কৰে। গড়গাঁও মহাবিদ্যালয়ৰ উপাধ্যক্ষ তথা প্ৰাণীবিজ্ঞান বিভাগৰ মুৰব্বী ড° বীণা সন্ধিকৈয়ে কৰ্মশালাখনত মন্তব্য কৰি কৰ্মশালাখন ভৱিষ্যতৰ গৱেষণা-সংৰক্ষণৰ প্ৰচেষ্টা আৰু নিয়োগ সৃষ্টিৰ বাবে গুৰুত্বপূৰ্ণ হ'ব বুলি দোহাৰে। ড° সন্ধিকৈয়ে

তৰ আৰু অনুশীলনৰ মাজৰ ব্যৱধান দূৰ কৰি এইধৰণৰ কৰ্মশালাসমূহে ছাত্ৰ-ছাত্ৰীসকলক পৰিৱেশ বহনক্ষমতাৰ পৰিচয় পাবলৈ সক্ষম হ'ব বুলি আশা ব্যক্ত কৰে। কৰ্মশালাখনৰ সমল ব্যক্তি গড়গাঁও মহাবিদ্যালয়ৰ প্ৰাণীবিজ্ঞান বিভাগৰ 'সহকাৰী অধ্যাপক ড° অনুৰাগ প্ৰতীম দাসে একুৰাৰিয়াম নিৰ্মাণৰ আলোকপাত কৰি শ্বতে-কামে প্ৰশিক্ষণ প্ৰদান কৰাৰ লগতে প্ৰজাতি নিৰ্ধাৰণ, পানীৰ গুণাগুণ ব্যৱস্থাপনা আৰু জৈৱ-বেচিৱাৰ ওকত আদি একুৰাৰিয়ামৰ ঝেইবাটো দিশৰ আভাস দিয়ে। কৰ্মশালাৰ দিনটোত উপস্থিতসকল একুৰাৰিয়াম নিৰ্মাণৰ বিভিন্ন দিশৰ সম্পৰ্কত অৱগত হয়। সমল ব্যক্তি ড° দাসে প্ৰত্যেক অভিজ্ঞতাৰ ভিত্তিত একুৰাৰিয়াম নিৰ্মাণৰ

কৌশলসমূহ অংশগ্ৰহণকাৰীসকলক দেখুৱাই দিয়ে। উদ্ভিদ বিজ্ঞান বিভাগৰ মুৰব্বী ড° ডিম্বেশ্বৰ দাসে কৰ্মশালাখনৰ নিয়োগ সৃষ্টিত গুৰুত্বপূৰ্ণ ভূমিকা পালন কৰিব বুলি মন্তব্য কৰে। কৰ্মশালাত আভ্যন্তৰীণ মান নিৰূপন কোষৰ সময়কৰ ড° সুবজিৎ শইকীয়া, প্ৰাণীবিজ্ঞান আৰু উদ্ভিদ বিজ্ঞান বিভাগৰ অধ্যাপক ক্ৰমে ড° পিণিৰি লাংথাছা, ড° ৰশ্মি দত্ত, সংগীতা চেতিয়া, সন্দীপা আগৰৱালা উপস্থিত থাকে। ২০০ বো অধিক অংশগ্ৰহণকাৰীয়ে এই কৰ্মশালাত অংশগ্ৰহণ কৰে। গড়গাঁও মহাবিদ্যালয়ৰ উদ্ভাৱনীমূলক কৰ্মশালাখনে অনাগত দিনত ছাত্ৰ-ছাত্ৰীসকলক একুৰাৰিয়াম নিৰ্মাণক পেছাদাৰী বৃত্তিকপে গ্ৰহণ কৰাত বিশেষ সহায় কৰিব।

Youtube link



List of participants



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE
NAAC accredited with 'B' Grade

ATTENDANCE SHEET

Name of the Programme: One day Workshop & Hands on Training on Aquarium Fabrication

Date: 27/03/2024

Organizer: ISAC, In collaboration with Department of Zoology & Botany

Name of the Resource Person: Dr. Anurag Pratim Das.

Sl. No	Name	Designation	Department	Signature
1)	Tamanna Sultana	Student	Botany	
2)	Annihan Kalila	Student	Botany	
3)	Jenishmila Saikia	Student	Botany	
4)	Annabh Bhawal	Student	Geography	
5)	Krishna Mori Sutta	Student	Botany	
6)	Anuman Anmol	Student	Botany	
7)	Elimon Baidung	Student	Zoology	
8)	Akangshya Baruah	Student	Zoology	
9)	Rinee Arandhara	Student	Zoology	
10)	Bristi Chetia	Student	Zoology	
11)	Roshni Borgohain	Student	Zoology	
12)	Chayanika Chetia	Student	pol. Science	
13)	Jyotishna Konwar	Student	Sociology	
14)	Himadree Borgohain	Student	Geology	



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE
NAAC accredited with 'B' Grade

ATTENDANCE SHEET

Name of the Programme: One day Workshop & Hands on Training on Aquarium Fabrication

Date: 27/3/2024

Organizer: ISAC, In collaboration with Department of Zoology & Botany

Name of the Resource Person: Dr. Anurag Pratim Das

Sl. No	Name	Designation	Department	Signature
1	Bidisha Borah	Student	Botany	
2	Shamima Y. Hazarika	Student	Botany	
3	Ashara Akhter	Student	Botany	
4	Moine Senzua	Student	Botany	
5	Darechona Konwar	Student	Botany	
6	Arafa Ahmed Boru	Student	Botany	
7	Bidisha Gogoi	Student	Botany	
8	Sarekha Kalita	Student	Botany	
9	Nayan Ujan Handique	"	Botany	
10	Niketa Boruah	Student	Botany	
11	Ratul Ali	Student	Botany	
12	Ankita Gogoi	Student	Economics	
13	Tanaya Phukan	Student	Economics	
14	Piya Chetia	Student	N. Honours	
15	Risha Gasan	Student	Economics	
16	Nitikhya Mech	Student	Sociology	
17	Nayanika Mech	Student	pol. Science	
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List of participants



GARGAON COLLEGE
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ATTENDANCE SHEET

Name of the Programme: One day Workshop & Hands on Training on Aquarium Fabrication

Date: 27/02/2024

Organizer: ISAC, In collaboration with Department of Zoology & Botany.

Name of the Resource Person: Dr. Anurag Pratih Das.

Sl. No	Name	Designation	Department	Signature
1.	DR. SABITASACHI MAHANTA	PRINCIPAL	GARGAON COLLEGE	
2.	Dr. Rina Handique	Vice Principal	Zoology	
3.	Mr. Anil Tanti	HoD, Commerce	Commerce	
4.	Dr. Dipankar Buragohain	Asst. Prof. Geobotany	Geobotany	
5.	Dr. Bidyut B. Hazarika	Asst. Prof.	Physics	
6.	Dr. Purnima Lathu	Asst. Prof.	Zoology	
7.	Sandeep Agarwalla	Asst. Prof.	Botany	
8.	Dr. Prabhat J. Sarma	Asst. Prof.	Chemistry	
9.	Rituraj Tanti	Asst. Prof.	Chemistry	
10.	Gayatri Ghoshal	Asst. Prof.	Physics	
11.	Dr. Dimkeswar Das	Asst. Prof.	Botany	



GARGAON COLLEGE
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ATTENDANCE SHEET

Name of the Programme: One day Workshop & Hands on Training on Aquarium Fabrication

Date: 27/2/2024

Organizer: ISAC, In collaboration with Department of Zoology & Botany

Name of the Resource Person: Dr. Anurag Pratih Das.

Sl. No	Name	Designation	Department	Signature
1	Nayanmoni Borah	student	Botany	Nayanmoni Borah
2	Barakha Buragohain	"	"	Barakha
3	Gayatri Bharali	"	Geography	Bharali
4	Drishitipriya Phukan	"	Geography	Phukan
5	Ritushma Dutta	"	Geography	Dutta
6	Bichitra Patengia	"	Geography	Patengia
7	Pratyanka Gogoi	"	Geography	P. Gogoi
8	Nishita Gogoi	"	Geography	N. Gogoi
9	Kabyashree Gogoi	"	Geography	K. Gogoi
10	Rimpi Boruah	"	Geography	Boruah

Head of the Department
Department of Zoology
Gargaon College