

WEBINARS HELD IN 2021

AN INITIATIVE OF ZOOLOGICAL SOCIETY OF ASSAM





National webinar on "DBT Star College Scheme: Its Importance for Improving Science Teaching in Undergraduate Colleges".

Department of Zoology, Gauhati University, Zoological Society of Assam in association with Nowgong College (Autonomous) organized jointly a national webinar on "DBT Star College Scheme: Its Importance for Improving Science Teaching in Undergraduate Colleges". The session was scheduled in Google meet on 2nd of June 2021 at 5:30 P.M. Prof. Jogen Chandra Kalita, Head, Department of Zoology, Gauhati University and General Secretary, ZSA gave the welcome address. The Chief guest cum speaker of the session was Dr. Subir Chandra Dasgupta, Professor & Head Department of Zoology (UG & PG) Maulana Azad College, Kolkata. Dr. Dasgupta informed the participants as how to make a proposal for DBT Star College Scheme and motivated the teachers to apply for DBT Star College Scheme. The session was also graced by Dr. Sarat Borkataki, Principal Nowgong College (Autonomous). The session

was also honored by the presence of president of Zoological Society of Assam, Sri Priyabrata Lahkar and working president, ZSA, Dr. Balendra Kumar Das. Participants across the nation participated in this webinar. This webinar was coordinated by Dr. Manas Das, Asst. Prof., Dept. of Zoology, Gauhati University and Dr. Jyotismita Das, Asst. Prof., Dept. of Zoology, Nowgong College (Autonomous).



National webinar on the Topic "Use of Basic Bioinformatics tools for UG and PG project work during COVID-19 pandemic period".

A National webinar was conducted on 13th of June 2021 on the Topic "Use of Basic Bioinformatics tools for UG and PG project work during COVID-19 pandemic period". The webinar was organized by the Research Scholars' Forum, Department of Zoology, Gauhati university and Jorhat Kendriya Mahavidyalaya in association with the Zoological Society of Assam (ZSA). The webinar was conducted in Microsoft Teams online platform. More than 4000 participants registered for this national webinar. The webinar was inaugurated by the

most dynamic personality, Prof. Jogen Chandra Kalita, Professor and Head, Department of Zoology, Gauhati University and the General Secretary, ZSA. The keynote address was delivered by a renowned personality, Prof. Probodh Borah, HOD, Department of Animal Biotechnology, Assam Agricultural University, Khanapara, Guwahati, Assam. He delivered his lecture on the topic "Comprehending the complexities of life using Bioinformatics application", where he beautifully explained the recent trends and utility of Bioinformatics. The main theme of this webinar was delivered by the eminent speaker, Dr. Airy Sanjeev, M.Sc. (Pondicherry University), Ph.D. (Tezpur University), Postdoc Fellow, IIT Guwahati. Dr. Airy ma'am has carried out a highly beneficial hands-on demonstration of different softwares and tools and their application in mainly the project work of the PG and UG students. The webinar was also graced by Sri. Priyabrata Lahkar, President, ZSA, Dr. Balendra Kr. Das, Working President, ZSA, Dr. Dulen Saikia, Principal, Jorhat Kendriya Mahavidyalaya, faculty members of many colleges and universities and many other delegates from different parts of the country. The webinar was coordinated jointly by Miss. Madhubanti Das, Research Scholar, Department of Zoology, Gauhati University and Mr. Bhaswat Ranjan Borah, Research Scholar, Department of Zoology, Gauhati University.



National webinar on the Topic "A Mentoring Session with Coordinators/Faculty Members of DBT Bio-Tech Hub of Colleges of Assam Regarding Preparation of Proposal".

A National webinar was conducted on 18th of June 2021 on the Topic "A Mentoring Session with Coordinators/Faculty Members of DBT Bio-Tech Hub of Colleges of Assam Regarding Preparation of Proposal". The webinar was organized by Department of Zoology, Gauhati university in association with the Zoological Society of Assam (ZSA). The webinar was conducted in Google Meet online platform. The webinar was inaugurated by Prof. Jogen Chandra Kalita, Professor and Head, Department of Zoology, Gauhati University and the General Secretary, ZSA. The keynote address was delivered by a renowned personality, Prof. Probodh Borah, HOD, Department of Animal Biotechnology, Assam Agricultural University, Khanapara, Guwahati, Assam. In his lecture Prof Borah discussed in detail about DBT Bio-Tech Hub Scheme and how to prepare proposal for applying for it. The joint coordinators of the webinar were Dr. Jinu Lagachu, Assistant Professor, Dept. Of Zoology, Arya Vidyapith College and Amilee Konwar, Research Scholar, Dept of Zoology, Gauhati University. The webinar was moderated by Dr. Jyotismita Das, Assistant Professor, Department of Zoology, Nowgong College(Autonomous).



National webinar on the 19th of June 2021 entitled "How to participate efficiently in competitive examinations (APSC/UPSC)".

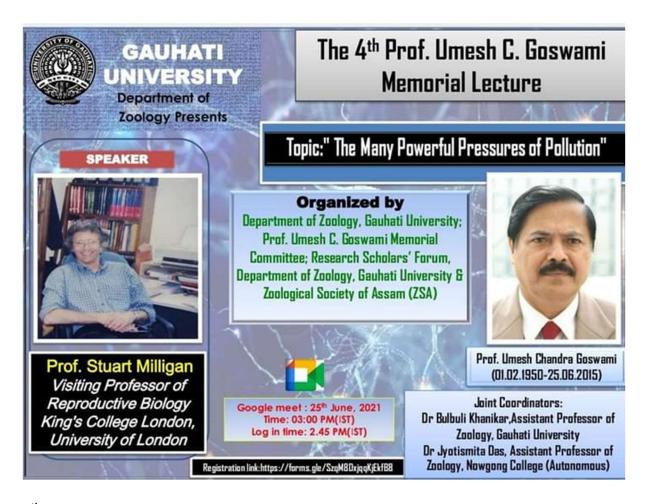
The Research Scholars' Forum of the Department of Zoology, Gauhati University and Zoological Society of Assam (ZSA), had organized a national webinar on the 19th of June, 2021 entitled "How to participate efficiently in competitive examinations (APSC/UPSC)". The webinar's theme was based on how aspirants can prepare for these examinations and execute it efficiently. The event was organized on the Google meet platform from 7:30 pm IST as well as YouTube live streaming was conducted for the same.

Prof. Jogen Ch. Kalita, Head of the Department of Zoology, Gauhati University, inaugurated the webinar and gave the keynote address. The webinar was graced by the presence of successful luminaries who have recently qualified APSC, Ms. Debasena Barman, ACS, Assistant commissioner cum Executive Magistrate, Dhubri, Mr. Chinmoy Kalita, ACS, Circle Officer (A) and Executive Magistrate, Balijana Revenue Circle, Goalpara, Mr. Nirman Nath, ACS, Assistant commissioner and Executive Magistrate, Dhubri, Ms. Kabita Phangcho, ACS, Assistant commissioner cum Executive Magistrate, Sonitpur, Mr. Lucas Baishya, ACS, Assistant Commissioner, Bhergaon and Ms. Murchana Malakar, ACS, Assistant commissioner and Executive Magistrate, Hailakandi. The resource persons gave their voice on preparation of APSC/UPSC examinations and also shared their own personal experiences to the participants and aspirants. The event was also honored by the presence of president of Zoological Society of Assam, Sri Priyabrata Lahkar and working president, ZSA, Dr. Balendra K. Das. Distinguished members, students and aspirants from different parts of the nation had taken part in this webinar.



International webinar on the topic "Aim in Life and Personality Development"

An International webinar on the topic "Aim in Personality Development" on the occasion of International Yoga Day was organized by the Research Scholars' Forum Department of Zoology, Gauhati University, in conjunction with the Zoological Society of Assam, India on 21st of June, 2021, at 11:00 AM (IST). Sri Diganta Biswa Sarma, Author-Translator was the speaker. Prof. Aparajita Borkotoki, Former HOD, Department of Zoology, Dean of Faculty of Science, Gauhati University was the Guest of Honor for the program. Prof. Jogen Chandra Kalita, H.O.D of Zoology Gauhati University and General Secretary of ZSA, Sri Priyabrata Lahkar, President of ZSA, Dr. Balendra Kumar Das, working President of ZSA were present as the eminent persons for the webinar. Ms. Gayatree Hazarika; Mr. Kamal Adhikari and Ms. Anuradha Kalita, Research Scholars of department of Zoology, Gauhati University were the joint coordinators for the program, with a very interactive session at the end.



4th Prof. Umesh. C. Goswami Memorial Lecture; 25 June 2021

The 4th Prof. U.C.Goswami Memorial lecture was held on 25 June 2021in virtual mode. The webinar was organized by Department of Zoology, Gauhati University, Prof. Umesh C. Goswami Memorial Committee, Research Scholars' Forum, Department of Zoology, Gauhati University & Zoological Society of Assam (ZSA). The topic of the webinar was Topic:" The Many Powerful Pressures of Pollution". The talk was presented by Prof. Stuart Milligan, Visiting Professor of Reproductive Biology King's College London, University of London.: Dr Bulbuli Khanikar, Assistant Professor of Zoology, Gauhati University, Dr Jyotismita Das, Assistant Prafessor of Zoology, Nowgong College (Autonomous) were the Joint Coordinators. The webinar was attended by teachers, research scholars and students of India and abroad. The event witnessed the presence of president of Zoological Society of Assam, Sri Priyabrata Lahkar, working president, ZSA, Dr. Balendra K. Das and General Secretary Prof. J.C.Kalita and many distinguished members.



International Webinar on the topic "Wildlife Studies and Management: Case Studies"

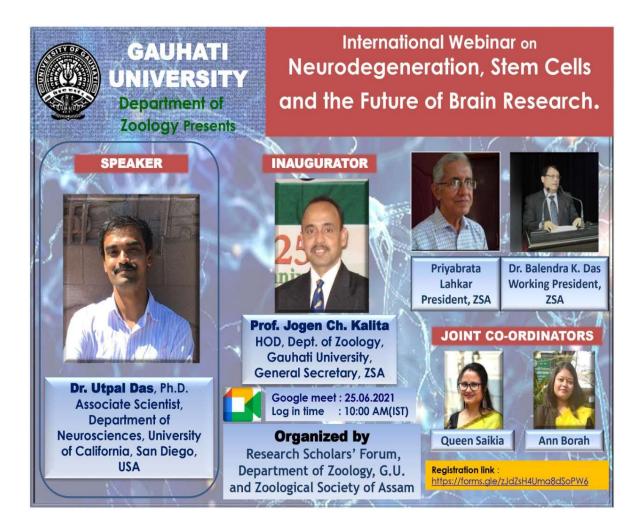
An International Webinar on the topic "Wildlife Studies and Management: Case Studies" was jointly organized by CNB College, Bokakhat, in conjunction with the Zoological Society of Assam, India on 23rd of July, 2021, at 06:00 PM (IST). Among the Resource persons for the webinar, Ms. Sudha Balajapalli, M.S., George Mason University, Fairfax, VA, USA delivered a talk on "Wildlife Management: Case Studies from USA" and Ms. Shreya Bhattacharya, Commission Member, IUCN SSC, Monitor Lizard Specialist Group, delivered a talk on "Feeding Ecology of the Golden Jackal through Stomach Analysis". Prof. Jogen Chandra Kalita, H.O.D of Zoology Gauhati University and General secretary of ZSA; Dr. Surajit Dutta, Principal CNB College; Priyabrata Lahkar, President of ZSA; Dr. Balendra Kr. Das, Working President of ZSA were present as esteemed members. Mr. Bidyut Bikash Saikia, IQAC coordinator, CNB College and Mr. Keshob Jyoti Borah, Research Scholar of Department of Zoology, Gauhati University were the joint coordinators, with a very interactive session at the end.



International Webinar on the topic "Shaping Young Minds to Build Future Biodiversity Conservation Leaders: Challenges and opportunities"

An International Webinar on the topic "Shaping Young Minds to Build Future Biodiversity Conservation Leaders: Challenges and opportunities" was organized by the Research Scholars' Forum, Department of Zoology, Gauhati University and Zoological Society of Assam on 23rd of June, 2021, at 03:00 PM (IST). The webinar was inaugurated by Sri Narayan Mahanta, IFS, Conservator of Forests, Eastern Assam Circle, Jorhat. The Resource person for the webinar was Dr. Bibhab Kumar Talukdar, CEO-Aranyak. The joint coordinators of the webinar were Dr. Jinu Lagachu, Assistant Professor, Dept. Of Zoology, Arya Vidyapith College and Amilee Konwar, Research Scholar, Dept of Zoology, Gauhati University. Dr. Jyotismita Das, Assistant Professor, Department of Zoology, Nowgong College(Autonomous), Ms. Sangita Das,

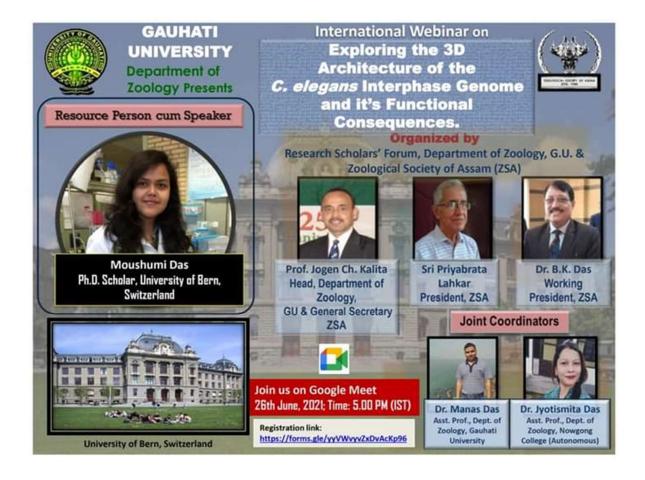
Assistant Professor, Department of Zoology, Pragjyotish College and Mr. Keshob Jyoti Borah, Research Scholar, Dept of Zoology, Gauhati University were the joint coordinators.



International webinar on the topic Neurodegeneration, Stem cells and the future of Brain Research

An international webinar on the topic Neurodegeneration, Stem cells and the future of Brain Research was organised by the Research Scholar forum of Department of Zoology, Gauhati University, in conjunction with the Zoological society of Assam, India on 25th of June, 2021, at 10.00 A.M IST. Dr. Utpal Das, PhD. Associate Scientist, Department of Neurosciences, University of California, San Diego, USA, was present as the speaker, with Prof. Jogen Chandra

Kalita, H.O.D of Zoology, Gauhati University and General secretary of ZSA, as the inaugurator, Priyabrata Lahkar, President of ZSA, was present as an esteemed member. Queen Saikia and Ann Borah, Research scholar of Department of Zoology, Gauhati University were the moderators. A total of almost 215 people were present. The webinar was aired live in YouTube channel also.



International webinar on the 26th of June 2021 with the title "Exploring the 3D Architecture of the *C. elegans* Interphase Genome and it's Functional Consequences".

The Research Scholars' Forum of the Department of Zoology, Gauhati University in association with Zoological Society of Assam (ZSA), organized an international webinar on the 26th of June, 2021 with the title "Exploring the 3D Architecture of the *C. elegans* Interphase Genome and it's Functional Consequences". The event was organized on the Google meet platform from 5:00 pm IST. Prof. Jogen Ch. Kalita, Head of the Department of Zoology, Gauhati University, inaugurated the webinar and gave the welcome speech. The webinar was graced by the presence of an eminent researcher, Moushumi Das, Ph.D. Scholar, University of Bern,

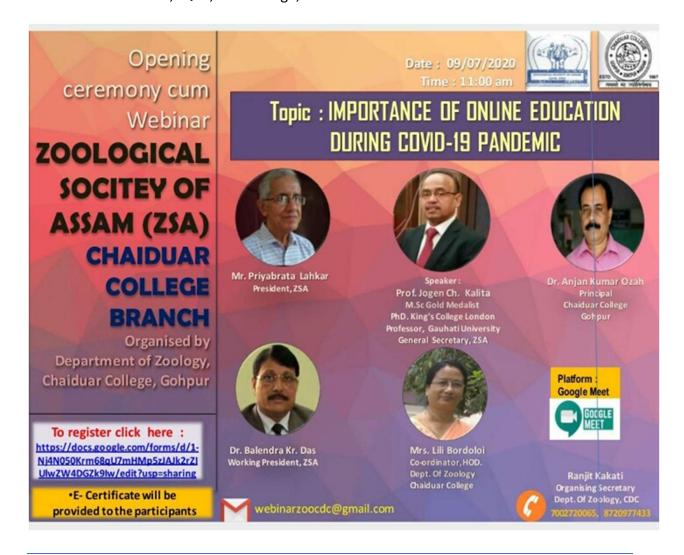
Switzerland as invited speaker. The resource person talked about her research on *C. elegans*. The session was also blessed by the presence of president of Zoological Society of Assam, Sri Priyabrata Lahkar. Esteemed participants from across the globe participated in this webinar. This webinar was coordinated by Dr. Manas Das, Assistant Professor, Department of Zoology, Gauhati University and Dr. Jyotismita Das, Assistant Professor, Department of Zoology, Nowgong College (Autonomous).



International webinar on "Nanobiotechnology and it's Medicinal Applications".

An International webinar on "Nanobiotechnology and it's Medicinal Applications" was jointly organized by IQAC, B.N. College in association with Department of Zoology, Gauhati University and Zoological Society of Assam. The webinar was hosted on zoom platform on 4th

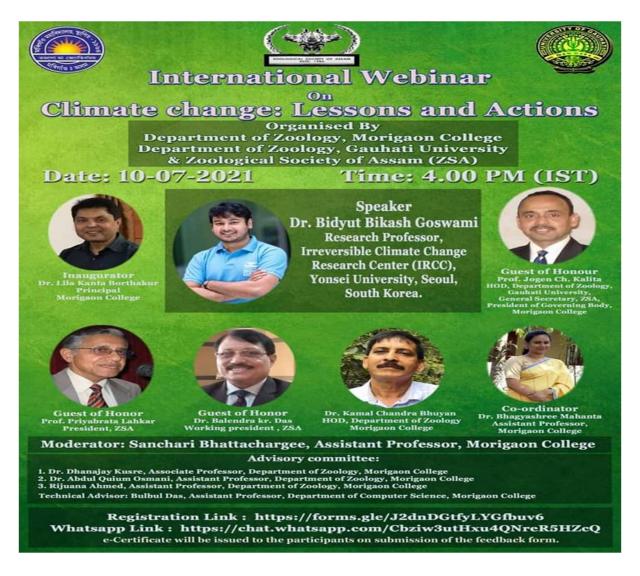
of July 2021 at 5:30 P.M. The webinar was inaugurated by Dr. Arpita Roy Choudhury, Scientist, Integrated Research Institute for the Sciences (IRIS), Adlershof, Berlin, Co-founder and managing partner, Data Analysis Tools, Germany. Dr. Dhruba Chakrabortty, Principal of the college gave the welcome address. The invited Resource Person of the webinar was Prof. Arun S. Kharat, School of Life Sciences, Jawaharlal Nehru University, New Delhi, India. He delivered an enlightening talk with PPT Presentation covering the basic tenets and applicability of Nanobiotechnology in Medical Sciences. There was an active interaction at the end of his speech. The session was graced by Prof. Jogen Chandra Kalita, Head of the Department, Zoology, Gauhati University and General Secretary, Zoological Society of Assam, President of Zoological Society of Assam, Sri Priyabrata Lahkar and working President, ZSA, Dr. Balendra Kumar Das who shared their views on the webinar. More than 200 participants across the nation participated in this webinar. The webinar was moderated by Dr. Samuel Sheikh, Assistant Coordinator, IQAC, B.N. College, Dhubri.





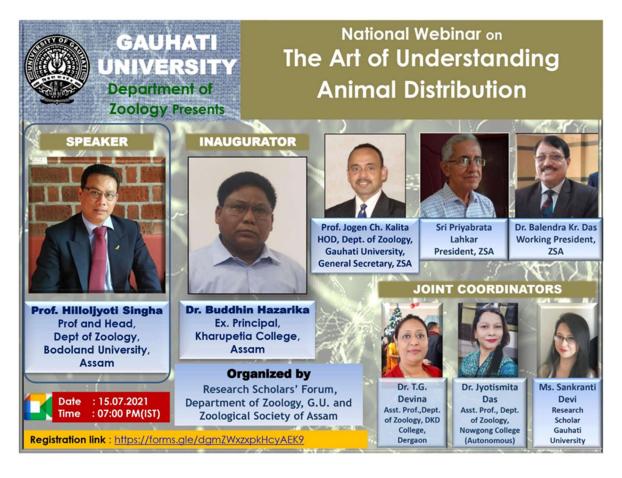
Webinar on the topic: Importance of online education during covid-19 pandemic

A National level webinar was held on the topic: Importance of online education during covid-19 pandemic was organized by Dept. of Zoology, Chaiduar College on 9th July 2021. It was also the virtual opening ceremony of Zoological Society of Assam Chaiduar College Branch. The invited speaker was Prof. Jogen C. Kalita, Head of the Department of Zoology, Gauhati University and General Secretary, Zoological society of Assam. The webinar was graced by Sri Priyabrata Lahkar, President of ZSA and Working president Dr Balendra Kumar Das. Dr Anjan Kumar Ojah, Principal, Chaiduar College delivered the welcome address. Mrs Lily Bordoloi, Head of the Department of Zoology, Chaiduar College was the coordinator of the webinar.



International webinar on the topic "Climate Change: Lessons and Actions"

An International webinar on the topic of "Climate change: Lessons and actions" was held on 10th July 2021, organised by Department of Zoology, Morigaon College, collaborating with the Department of Zoology, Gauhati University and Zoological Society of Assam.Dr. Lila kanta Borthakur, Principal, Morigaon College has inaugurated the webinar and delivered the welcome address. Dr. Bidyut Bikash Goswami, a young Scientist cum Research Professor working on "Irreversible Climate Change Research Centre", Yonsei University, Seoul, South Korea was the invited speaker of that International webinar. In his speech, he talked about what are the cause of climate change and increase of temperature in our world and how it can impact our livelihood in near future and what we can do to minimize it. Dr. Jogen Ch Kalita, HOD, Department of Zoology, Gauhati University, General Secretary of Zoological Society of Assam and President, Governing Body, Morigaon College was present as a Guest of honour. Dr. Priyabrata Lahkar, President, Zoological Society of Assam was also present in that webinar as a Guest of Honour. There were 230 participants in the webinar. Dr. Bhagyashree Mahanta, Assistant Professor, Department of Zoology, Morigaon College was Co-ordinator.



National webinar on the topic "The Art of Understanding Animal Distribution"

A National webinar on the topic "The Art of Understanding Animal Distribution" was organized by the Research Scholars' Forum Department of Zoology, Gauhati University, in conjunction with the Zoological Society of Assam, India on 15th of July, 2021, at 07:00 PM (IST). Prof. Hilloljyoti Singha, Prof and Head, Department of Zoology, Bodoland University was the speaker, Dr. Buddhin Hazarika, Ex. Principal, Kharupetia College, was the Inaugurator of the webinar. Prof. Jogen Chandra Kalita, H.O.D of Zoology Gauhati University and General secretary of ZSA, Sri Priyabrata Lahkar, President of ZSA, Dr. Balendra Kumar Das, working President of ZSA were present as the Guests of Honor. Dr. T.G. Devina, Assistant Professor, Department of Zoology, DKD College; Dr. Jyotismita Das, Assistant Professor, Department of Zoology, Nowgong College (Autonomous); Ms. Sankranti Devi, Research Scholar of department of Zoology, Gauhati University were the joint coordinators for the program, with a very interactive session at the end.



International Workshop on the topic "Nanotechnology Experiment Design"

An International Webinar on the topic "International Workshop on Nanotechnology Experiment Design" was organized Department of Zoology, Department of Chemistry, Pragjyotish College in association with Zoological Society of Assam on 20th of July 2021, at 07:00 PM (IST). The webinar was inaugurated by Dr. Manoj Kumar Mahanta, Principal, Pragjyotish College. The Resource persons for the webinar were Dr. Achinta Bezbaruah, Nanoenvirology Research Group, North Dakota State University, USA and Dr. Tonoy Kumar Das, Department of Civil and Environmental Engineering, North Dakota State University, USA. Prof. Jogen Chandra Kalita, Head of the Department, Zoology, Gauhati University and General Secretary, Zoological Society of Assam, was present as the Chief Guest. Sri Priyabrata Lahkar, President of Zoological Society of Assam, and working President, Zoological Society of Assam, Dr. Balendra Kumar Das also blessed the audience with their words of wisdom. A total of more than 200 participants benefitted from the workshop. The joint coordinators were Ms. Seema Kaur, Head of the Department of Zoology, Pragjyotish College and Mr Saroj Sarma, Head of the Department of Chemistry, Pragjyotish College.



International Webinar and Interactive Session with Dr Rubul Mout

Renowned scientist Dr. Rubul Mout was the resource person in the International webinar organized by Department of Zoology, Chaiduar college, Department of Zoology GU and Zoological Society of Assam. The webinar was inaugurated by Dr Anjan Kumar Ojah, Principal, Chaiduar College. The session was very interactive as the resource person shared his views and answered queries of participants. The interactive session was moderated by Ms Sankranti Devi, Research Scholar, Department of Zoology, Gauhati University. Mrs Lily Bordoloi, Head of the Department of Zoology, Chaiduar College was the coordinator of the webinar.



International Webinar on the topic "Fundamentals of Biomechanics and Biodiversity Management"

An International Webinar on the topic "Fundamentals of Biomechanics and Biodiversity Management" was organized by the Research Scholars' Forum, Department of Zoology, Gauhati University on 28th of July, 2021, at 05:00 PM (IST). Among the Resource persons for the webinar, Ms. Nurul Iza Adrina Binti Mohd. Rameli, Ph.D. Scholar, School of Biological Sciences, Universiti Sains Malaysia delivered a talk on "Voices of the Singing Ape in the Rainforest, Peninsular Malaysia" and Ms. Sristilekha Nath, Ph.D. Scholar, Nano Life-Science Institute, Kanazawa University, Ishikawa Japan, delivered a talk on "Organoid Mechanics". Prof. Jogen Chandra Kalita, Head of the Department of Zoology, Gauhati University and General Secretary of ZSA was present as the Guest of Honor. Ms. Sankranti Devi; Ms. Sangita Das and Ms. Briyanka Kashyap were the joint coordinators, with a very interactive session at the end. Mr. Keshob Jyoti Borah and Mr. Zuganta Jyoti Das were the technical coordinators.



4-Day International Youth Leadership Development Program (The Fundamentals of Leadership)

4-Day International Youth Leadership Development Program (The Fundamentals of Leadership) was organised by IQAC, Nowgong Girls' College, Nagaon, Research Scholars' Forum, Department of Zoology, Gauhati University and Zoological Society of Assam. The Resource Person was Ms Rita Kakati Shah, Career and gender equality strategist, Founder and CEO of Uma, USA. Prof. Jogen Chandra Kalita, HOD, Department of Zoology, Gauhati University and General Secretary, ZSA, was the inaugurator of the program. It was hosted on Google Meet platform on 17/07/21, 25/07/21, 31/07/21 & 10/08/21. The Technical coordinator was Dr. Sandip Choudhury, Assistant Professor, Dept. Of Zoology, Nowgong Girls' college. The Joint coordinators were Mr. Ranjit Barua, IQAC coordinator, Nowgong Girls' College and Ms. Sankranti Devi, Research Scholar, Dept of Zoology, Gauhati University. The total number of Participants was 1291.