

Student Centric Methods, and Related Activities 2020-21
Department of Computer Science & Application
Gour Mahavidyalaya
Mangalbari, Malda

Our college Gour Mahavidyalaya is a students' centric college. It always seeks to bring the best out of students by adopting new teaching methods. The Department of Computer Science attempts to stick to this college endeavor by embracing student-centric teaching methods. We the faculties evaluate students' academic progression by continuous evaluation mostly by tutorials and periodic tests. Students are encouraged to do small projects and assignments to improve their performance.

We every year we arrange student seminar and engage students to give oral presentations to make them confident to speak before an audience. We also arrange group discussions, Coding competitions, and other student-centric activities to make out the best from a student. We encourage our students to participate in national & international level seminars, workshops, conferences, and other programs to stay at par with the technology.

ONE DAY NATIONAL WEBINAR on
Foundations of Machine Learning for Data Science & Image Processing

Organized by

Department of Computer Science & Application
17th -AUGUST-2020, 10.00 AM – 12.35 PM

In today's data-driven world, machine learning is one of the fundamental areas in computer science. Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention. Because of new computing technologies, machine learning today is not like machine learning of the past. It was born from pattern recognition and the theory that computers can learn without being programmed to perform specific tasks; researchers interested in artificial intelligence wanted to see if computers could learn from data. The iterative aspect of machine learning is important because as models are exposed to new data, they are able to independently adapt. They learn from previous computations to produce reliable, repeatable decisions and results. It's a science that's not new – but one that has gained fresh momentum.

In this webinar, we will discuss how to use machine learning ideas in the field of data science and image processing. How it is useful to society, and how even students from the undergraduate level can contribute to the process of continuous research and sustainable development. We believe further, the discussion will shed light on how to make use of it mostly.

Resource Persons:

1. Dr. Saroj Kr. Biswas

**Assistant Professor Grade I,
Department of Computer Science & Engineering,
National Institute of Technology, Silchar**
Topic : Foundation of Machine Learning for Data Science

2. Dr. Ardhendu Mandal

**Associate Professor,
Department of Computer Science & Application,
University of North Bengal**
Topic : Medical Image Processing

Seminar Brochure:

https://drive.google.com/file/d/1Cgo_w9L92MLLdmbLWv4cQAQXKtWerRL_/view?usp=sharing

Total numbers of registered participants- 190

https://drive.google.com/file/d/158qVBX_qW4LHFq4l2vAQG5qtECgjz_6/view?usp=sharing

Feedback Details:

<https://drive.google.com/file/d/11bu0Kf0YIDDbvqaBj881UsUOQabO9kLv/view?usp=sharing>

Seminar link:

<https://www.youtube.com/watch?v=i0ROYDtL5a8>

GOUR MAHAVIDYALAYA
MANGALBARI, MALDA, WEST BENGAL, INDIA
Accredited By NAAC (2nd Cycle) B+

ONE DAY NATIONAL WEBINAR ON
FOUNDATION OF MACHINE LEARNING FOR DATA SCIENCE & IMAGE PROCESSING

Organized by
Department of Computer Science & Application

Dr. Saroj Kr. Biswas
Assistant Professor Grade I,
Dept. of Computer Science
& Engineering,
NIT Silchar

Dr. Ardhendu Mandal
Associate Professor,
Dept. of Computer Science &
Application,
University of North Bengal

10.00 AM – 11.30 AM

11.35 AM – 12.35 PM

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Dr. Niranjan Kumar Mridha, Assistant Professor, Department of Chemistry, Gour Mahavidyalaya

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Shib Charan Chowdhury, SACT, Gour Mahavidyalaya

Talk on
Foundation of Machine Learning for Data Science

Webinar on
Foundation of Machine Learning for Data Science and Image Processing
organized by

DEPARTMENT OF COMPUTER SCIENCE & APPLICATION
GOUR MAHAVIDYALAYA

Presented by
Dr. Saroj Kumar Biswas
Assistant Professor Grade I

Department of Computer Science and Engineering
National Institute of Technology, Silchar

Monday, August 17, 2020

Medical Image Processing

Dr. Ardhendu Mandal
Associate Professor
Dept. of Computer Science and Application
University of North Bengal

am.csa.nbu@gmail.com

StreamYard interface showing a grid of participants: Arijit Bhattacharya, Ekram Alam, Dr. Saroj Kr. Biswas, and Akhil Kumar Das. The interface includes controls for mute, stop cam, and share screen.

StreamYard interface showing a slide titled "Image Modalities" with various image processing examples. The chat window on the right shows messages from participants like TARIK AZIZ, JYOTSIK ADY, Rinku Ghosh, MD AJI, Debasis N, UTSAB TALUKDER, sujata jha, and Tanushree Das.

ONE DAY NATIONAL WEB-SEMINAR on
NURTURING INNOVATIONS: FROM ACADEMIA TO SOCIETY

Organized by

Department of Computer Science & Application and Department of Zoology
22nd-AUGUST-2020, 10.00 AM – 1.00 PM

India holds the world's largest youth power which makes the whole world eyeing India as a source of skilled & technically advanced manpower. Presently our society is going through restructuring processes in all aspects. The ability to develop and take advantage of new technologies, as well as understanding how technology and society interact, are all critical factors that universities can contribute to in this ongoing process of a societal shift. Besides, sustainable development is imperative for our future, with sustainable development; groundbreaking innovations will come to light in the years to come. To hold the pace of development we need to experiment more across disciplines and sectors in our search for new and more effective ideas for a sustainable future. Educational institutions must continue to develop their programs, so that students, from the grass-root level, can meet and deal with the modern societal needs. The development of entrepreneurial competencies in our education is becoming increasingly important; these competencies can only nestle in a dynamic innovation ecosystem where educational institutes, the private and public sector work together. In this webinar, we will discuss how to nurture innovative ideas to innovations, how to protect novel thoughts, make innovations useful to society, and how educational institutions from the base level to the highest can contribute to the process of continuous research and sustainable development. We believe further, the discussion will shed light on how to make use of new and future technologies in a world of globally competitive markets, ultimately leading to a highly competent, skilled, and energetic youth workforce.

Resource Persons:

1. Dr. Rajat Kumar De

Professor,

Machine Intelligence Unit, Indian Statistical Institute, Kolkata

Topic : A Brief Introduction to Artificial Neural Networks

2. Dr. Sonali Roy

Incubation Manager,

National Institute of Pharmacological Education and Research (NIPER), Guwahati

Topic: Intellectual Property Rights: Concept and Application

3. Mr. Ajoy Chakraborty
Former Secretary, ISVEC,
Institute of Advanced Study in Science and Technology (IASST), Guwahati
Topic : Strategies of Innovation Management

Seminar Brochure:

https://drive.google.com/file/d/1_27Nr5Lccyhe2NfyuC_ItRqZld_vIQ3G/view?usp=sharing

Total numbers of registered participants- 232

https://drive.google.com/file/d/1hQNDyvQaaAVzpO25F_b-i7mrkaL9SjIZ/view?usp=sharing

Feedback Details:

<https://drive.google.com/file/d/1BnZk3VL0giYw-Q5zYvvdV0H8e4BIzuTq/view?usp=sharing>

Seminar link: <https://www.youtube.com/watch?app=desktop&v=yVq8gZZo8ac>

GOUR MAHAVIDYALAYA
MANGALBAR, MALDA, WEST BENGAL, INDIA
Accredited By NAAC 'A' Grade

ONE DAY NATIONAL WEB-SEMINAR

NURTURING INNOVATIONS: FROM ACADEMIA TO SOCIETY

Organized by
Department of Computer Science & Application
&
Department of Zoology

22nd AUG-2020, 10.00 AM – 1.00 PM

About the webinar

India holds the world's largest youth power which makes the whole world eyes on India as a source of skilled & technically advanced manpower. Presently our society is going through restructuring processes in all aspects. The ability to develop and take advantage of new technologies, as well as understanding how technology and society interact, are all critical factors that universities can contribute to in this ongoing process of a societal shift. Besides, sustainable development is imperative for our future, with sustainable development; groundbreaking innovations will come to light in the years to come. To hold the pace of development we need to experiment more across disciplines and sectors in our search for new and more effective ideas for a sustainable future. Educational institutions must continue to develop their programs, so that students, from the grass-root level, can meet and deal with the modern societal needs. The development of entrepreneurial competencies in our education is becoming increasingly important; these competencies can only nestle in a dynamic innovation ecosystem where educational institutes, the private and public sector work together.

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Resource Persons

Ajoy Chakraborty
Former Secretary, ISVEC,
Institute of Advanced Study in Science and Technology (IASST), Guwahati
Topic : Strategies of Innovation Management
10.00 AM – 11.00 AM

Dr. Sonali Roy
Innovation Manager,
National Institute of Pharmaceutical Education and Research (NIPER), Guwahati
Topic : Intellectual Property Rights: Concept and Application
11.00 AM – 12.00 AM

Dr. Rajat Kumar De
Professor,
Machine Intelligence Unit,
Indian Statistical Institute, Kolkata
Topic : A Brief Introduction to Artificial Neural Networks
12.00 PM – 1.00 PM

ORGANIZING COMMITTEE

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CONVENOR: Dr. Soumik Agarwal, Assistant Professor, Gour Mahavidyalaya
JOINT CONVENOR: Dr. Ajoy Chakraborty, Assistant Professor, Gour Mahavidyalaya
ORGANIZING SECRETARY: Sri Akhil Kumar Das, Assistant Professor, Gour Mahavidyalaya
Sri Ekram Alam, Assistant Professor, Gour Mahavidyalaya

ADVISORY COMMITTEE:
Dr. Anubhinda Mandal, Associate Professor, Department of Computer Science, NBU
Dr. Pabak Kr Kundu, IQAC Coordinator, Gour Mahavidyalaya
Dr. Saubhita Sharma, Associate Professor, Gour Mahavidyalaya
Dr. Saug Kumar Baruah, Assistant Professor, Department of CSE, NIT Silchar
Dr. Babosh Kumar, Assistant Professor, Department of Zoology, Vastubharti University
Dr. Niranjana Kumar Mishra, Assistant Professor, Dept. of Chemistry, Gour Mahavidyalaya
Dr. Tanmay Majumdar, Scientist, National Institute of Immunology, New Delhi
Dr. Suprabhat Mukherjee, Assistant Professor, Dept. of Animal Science, KNE, Assam
Dr. Manoh Deb Adhikary, Assistant Professor, Dept. of Biotechnology, NBU
Dr. Aranya Saha, Assistant Professor, Department of Zoology, WIM College, Durgam
Dr. Debansita Saha, Assistant Professor, Department of Computer Science, University of Gour Banga
Dr. Debaliya Barman, Assistant Professor, Department of Computer Science, Vastubharti University
Dr. Rahul Karanika, Assistant Professor, Department of Computer Science, The University of Burdwan
Dr. Tahsina Rahaman, Assistant Professor, Department of IT, Jadavpur University
Dr. Abu Sarkar, Assistant Professor, Department of Computer Science, University of Gour Banga
Dr. Farhana Sultana, Assistant Professor, Department of Computer Science, University of Gour Banga

MEMBERS: All faculty of Department of Zoology and Computer Science & Application, Gour Mahavidyalaya, Malda

For Registration: [Click Here!](#) Open till: 21st AUG-2020, 4.00 PM

22nd AUG-2020 10.00 AM – 1.00 PM

Platform: [YouTube, Click Here](#)

- Registration is free & mandatory.
- Meeting ID & other related information will be sent to enrolled participants through WhatsApp or email.
- E-certificates will be given to the participants upon submission of feedback form.

For any query please contact

Soumik Agarwal Cell No. : +91 7001450640 Email : zoologygm@gmail.com	Ajoy Chakraborty +91 9051081953 gmdcsa1985@gmail.com	Ekram Alam +91 9913057060
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YouTube video player showing the seminar content. The video title is "Nurturing Innovations: From Academia to Society". The video is shared on YouTube and has 704 views. The video player shows a grid of participants in a virtual meeting, including Soumik, Ekram Alam, Anjit Bhattacharya, pulak kumar kundu, and Sonali Roy. The video is shared by Rajib Biddoi.

STRATEGIES OF INNOVATION MANAGEMENT

-By A.K. Chakraborty
(Former Secretary - ISVEC, IASST, Guwahati)
Mgr.ajoyc@gmail.com

An Introduction to Artificial Neural Networks

Rajat K. De

Machine Intelligence Unit
Indian Statistical Institute
Kolkata 700108
India.
E-mail: rajat@isical.ac.in

Special talk:

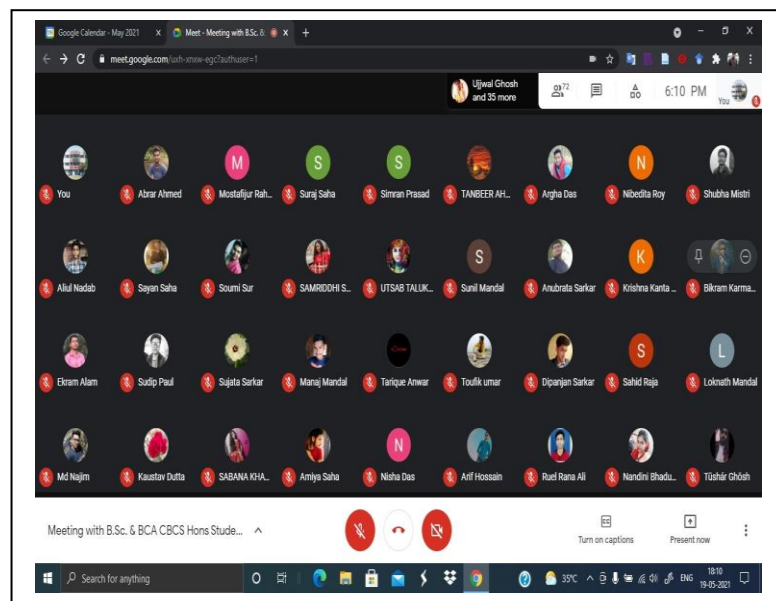
A special talk was organized by the Department of Computer Science & Application, especially with the newcomers to inform them what the prospects of this subject are. Usually, the newcomers face some problem in this kind of subjects like computer science or computer application as they may not have read it before. So it's completely new to them. It was observed that pupils used to take some time to catch up with the pace. This is a kind of special class where the teachers of our department help them to find the track and shows them what they can do and what can be done.

Student meet : Meeting with B.Sc. & BCA CBCS Hons Student Meet

Wednesday, May 19 · 5:30 – 6:30pm

Google Meet joining info

Video call link: <https://meet.google.com/uxh-xnxw-egc>



Apart from the above mentioned activities organised by the Department of Computer Science & Application; some of our students also participated in several programs arranged by college and IQAC Gour Mahavidyalaya.

- 1) Celebration of Yoga Day
- 2) National Level Seminar: Research Methodology: Online: 12.04.2021

Our Observations:

Department of Computer Science & Application have tried to frame teaching in a student centric manner. But we believe that miles are lying ahead of us and introspective analysis clearly points that we have ample scope for improvement. We also believe we will surely make our standards high in the coming sessions.