PROGRAMME

REGISTRATION
9:00 am - 9:30 am

INAUGURATION & FELICITATION
9:30 am - 10:00 am

TECHNICAL SESSION - I
Dr. Manojit Ghose
10:00 am - 11:30 am

TEA BREAK
11:30 am - 11:45 am

TECHNICAL SESSION - II
Dr. Debanga Raj Neog
12:00 pm - 1:30 pm

LUNCH BREAK
1:30 pm - 2:00 pm

HANDS ON TRAINING
GRATIA TECHNOLOGY PVT. LTD.
2:00 pm - 4:00 pm

CERTIFICATE DISTRIBUTION
4:00 pm - 4:15 pm

VOTE OF THANKS
4:15 pm - 4:20 pm

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SCAN ME

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PRINCIPAL, K.C. DAS COMMERCE COLLEGE

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MR. BIJU PEGU
MD & CEO, GRATIA TECHNOLOGY PVT LTD

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DEPARTMENT OF COMPUTER SCIENCE

ORGANISING SECRETARY

MR. TABIRUDDIN AHMED
ASSISTANT PROFESSOR & HOD
DEPARTMENT OF COMPUTER SCIENCE

ORGANISING COMMITTEE

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MR. SOMNATH CHATTERJEE

TECHNICAL COMMITTEE

MR. APURBA HALOI
MR. SOMNATH CHATTERJEE

NATIONAL WORKSHOP ON ARTIFICIAL INTELLIGENCE

Education & Health Care Perspective

Date : 10th May, 2024

ORGANISED BY

*Department of Computer Science
in collaboration with
IQAC K.C.Das Commerce College
&
Gratia Technology Pvt. Ltd.*

VENUE

**Digital Conference Hall - 2
K.C. Das Commerce College,
Chatribari, Guwahati-781008 (Assam)**

ABOUT
RESOURCE PERSON

Dr. Manojit Ghose works as an Assistant Professor (Senior Grade) in the Department of Computer Science and Engineering at IIIT Guwahati. Prior to this, he worked at Dibrugarh University as an Assistant Professor in the CSE department. Dr. Ghose has pursued his engineering studies at Jorhat Engineering College , followed by an MTech and PhD from IIT Guwahati, all in Computer Science and Engineering. He is an active researcher, and his research area broadly includes cloud and edge computing, high-performance computing, computer architecture, and others. His first research paper won the best paper award under the CS track in INDICON-2016. He serves as a Co-Chair, TPC member, and Reviewer of several International journals and conferences of repute. He has designed and co-authored the textbook on Computer Science for classes IX and X for the Board of Secondary Education Assam (SEBA). Apart from teaching and research, he is also entrusted with several administrative responsibilities at IIITG and outside. He serves as an expert member of various government bodies. Besides professional engagements, he is equally interested in sports, yoga, and cooking.

Dr. Debanga Raj Neog is an Assistant Professor at the Mehta Family School of Data Science and Artificial Intelligence at the Indian Institute of Technology Guwahati. He received his Ph.D. in Computer Science from The University of British Columbia Vancouver, Canada, and his B.Tech in Electronics and Communication Engineering from the Indian Institute of Technology Guwahati, India. He has over 14 years of experience in leading academic and industrial projects in the areas of computer vision, computer graphics, and machine learning. He has received several awards and recognitions for his work, such as the Young Scientist Award by Assam Science Technology and Environment Council (India), the Mitacs Globalink Research Award - INRIA (Canada and France), and the Four Year Doctoral Fellowship at UBC (Canada). Before joining IIT Guwahati in September 2021, he was a co-founder of Nytilus Inc., a Toronto-based computational imaging startup for industrial applications. He has published his research work in reputed journals such as ACM Transaction on Graphics, Expert Systems with Applications, IEEE Transactions on Artificial Intelligence.

Mr. Biju Pegu has more than 15 years experience in Information Technology and Cyber Security. He is the MD & CEO , Gratia Technology Private Limited. He is currently pursuing his Global Doctorate Degree in Cyber Security from Swiss School of Business Management in Geneva , Switzerland. Mr. Biju Pegu, a leading certified cyber security analyst from Northeastern region has been relentlessly working to spread cyber security awareness in the country by addressing workshops at top educational institutions including different IITs, NITs, schools, universities, corporates like ONGC and others and have trained more than 1 lakhs students and public about cyber security. Mr. Biju Pegu has delivered more than 150 workshops in government colleges of Assam in just 2 years in collaboration with the Department of Higher Education, Government of Assam, supported by the National Small Industries Corporation (A Government of India Enterprise). Mr. Biju Pegu has been honored with Cyber Security Crusader of the Year 2020 Award for spreading cyber security awareness across the country. The award was presented to Mr. Pegu by Union Minister of State for Steel and Rural Development Fagan Singh Kulaste and former Rajya Sabha MP Jayaprada. Mr. Biju Pegu has also been awarded the "Entrepreneur of the Year - IT Innovation" by Shri Ramdas Athawale, Hon'ble Minister of State for Social Justice and Empowerment, Government of India and many more. Mr. Biju Pegu also worked at IIT Guwahati for around 11 years on different speech related projects.

ABOUT
KC DAS COMMERCE COLLEGE

K. C. Das Commerce College is one of the well known institutions of N.E. India catering to human resource development for the past 42 years. As on date, the college offers programme at the 10+2, U.G (B.Com, BBA, BCA, B.A, and B.Sc) and PG (M.Com, & PGDCA) levels. Results of the college have been good over years. The stack holders at KCDCC have always tried to take education beyond the four walls of a classroom and make learning experiential. The department of Value Added Education of the college offers various certificate courses in this regard. The objectives has been to make students competent and skillful.

ABOUT
DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science has been an integral part of K.C. Das Commerce College since 2008. The department is running BCA and PGDCA course efficiently with 5 faculties and about 120 students at present. The pass percentage, usually, stands between 80 and 90.

Student Achievements:-

Our Alumni are now studying in various reputed institution like Tezpur University, Assam Engineering College, Chandigarh University, Regional College of Management , Bangalore etc.

The students of Computer Science department has developed various models as a part of their project. This includes biometric student attendance system, face recognition attendance system, automatic irrigation system, sensor based devices etc.

The Students of computer science department after pursuing their higher studies are placed in various reputed organisation like DreamOrbit, Thinkatronics,Marketcube etc.

ABOUT
IT R&D CELL

Computer Science is the main stem of IT R&D Cell of K.C. Das Commerce College

1. The IT R&D Cell is supporting 11 reputed colleges of Assam w.r.t to installation and maintaining Digital Library.
2. The IT R&D Cell has developed its own Learning Management System (LMS) for the stake holders of K.C. Das Commerce College.
3. The IT R&D Cell have developed and has been maintaining the College Website, MOOC's Platform, Value Added Education Portal, KCDCC Audio Book.
4. The IT R&D Cell has been developing a portal and Mobile Application for IIE Assam for Van Dhan Vikas Kendra's.
5. The Department of Computer Science with IT R&D Cell has developed an MOOC Course on Machine Learning using SciKit Learn.

ABOUT
ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI), sometimes called machine intelligence, is intelligence demonstrated by machines, in contrast to the natural intelligence displayed by humans and other animals, such as "learning" and "problem solving". Artificial Intelligence is revolutionizing our world with innovative applications. AI and Machine Learning are rapidly changing our world and powering the Fourth Industrial Revolution. AI has entered our daily lives like never before and we are yet to unravel the many other ways in which it could flourish. AI finds extensive applications across various sectors, including E-commerce, Education, Robotics, Healthcare, and Social Media.

OBJECTIVES OF THE WORKSHOP

I. *To Educate participants about the potential application and benefits of Artificial Intelligence in the field of education and to gain a deeper understanding of the opportunities associated with leveraging AI to improve teaching and learning outcome.*

II. *To Discuss how AI can enhance teaching and learning experience, improve student engagement, and support educators in delivering more effective instruction.*

III. *To Educate participants about the various application of Artificial Intelligence in healthcare and to know the transformative potential of AI technologies and their implication for improving healthcare.*

IV. *To Discuss ways to leverage AI to empower patients, promote health literacy shared decision-making, and enhance patient-provider communication and satisfaction.*

Join now

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