REPORT

NOV 15-17 2023

National Seminar and Workshop on

"ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"

Organized by

DEPARTMENT OF COMPUTER SCIENCE

BHARATA MATA COLLEGE,THRIKKAKARA

Co-Sponsored by

Kerala State Council for Science, Technology, and Environment(KSCSTE)

on

NOVEMBER 15-17, 2023

at

BHARATA MATA COLLEGE

THRIKKAKARA

In a significant step towards fostering advancements in the fields of Artificial Intelligence (AI) and Machine Learning (ML), a three-day national seminar and workshop (15-11-23 to 17-11-23) was conducted at Bharata Mata College, Thrikkakara, Ernakulam.

The event was organized by the Computer Science Department in collaboration with the Kerala State Council for Science, Technology, and Environment(KSCSTE) aims to provide a platform for researchers, academicians, and industry professionals to exchange ideas, discuss recent developments, and explore the potential applications of AI and ML.

The occasion commenced with a prayer, setting an enlightened tone for the innovative occasion. Dr. John T Abraham, the dynamic head of the Computer Science department, Bharata Mata College warmly welcomed the gathering. He noted that, with the college's recent attainment of autonomy status, the seminar served as its inaugural event.

The event was inaugurated by Mr.Pramod G V, KAS. In his opening remarks, he highlighted that Artificial Intelligence and Machine Learning are becoming essential factors influencing the development of the modern era. Emphasizing the significance of technological vision, he highlighted the value of progress while keeping in mind that it is our duty to develop model citizens. The inaugural ceremony witnessed the esteemed presence of key dignitaries, including Dr. Johnson K M, Principal of Bharata Mata College, two Vice Principals Dr. Lissy Kachappilly, Ms. Bini Rani Jose and Dr.John T Abraham, Head of Computer Science department.

At the end of the inaugural ceremony, Mr. Harikrishnan P, serving as the Program Coordinator, delivered a gracious and sincere vote of thanks, expressing gratitude on behalf of

the organizing team and acknowledging the collective effort that contributed to successfully organizing the event.

Empowering Inspiration: Motivational Speech by the Deputy Collector

The Deputy Collector delivered a motivational speech, focusing on key topics such as time management, goal setting, overcoming challenges on the path towards a goal, and the role of confidence in achieving success.

He initiated the speech by highlighting the significance of time management in our daily lives. He encouraged the participant, pointing out that successful time management is the foundation of success.

Mr.Pramod G V then transitioned into the importance of goal setting. He explained how to set clear and achievable goals which provide direction and purpose in life. Attendees were encouraged to define both short-term and long-term goals, aligning their aspirations with a structured plan for accomplishments to prioritize tasks and allocate time wisely.

He shared personal experiences and motivational stories, illustrating that challenges are not roadblocks but rather opportunities for growth. Attendees were motivated to approach challenges as opportunities paving the way for success.

His speech also focused on the role of confidence in achieving one's goals. Practical tips on boosting self-confidence were shared, empowering the audience to believe in their abilities and face challenges.

He also addressed the issue of substance abuse. The reasons behind drug use and its impact on individuals and communities were explored. The emphasis was placed on clearing up misunderstandings, recognizing the impacts on families and communities, and putting in place preventive measures at an early stage. The importance of collective efforts, with schools, families, and communities working together to provide support, was emphasized. The talk aimed to promote a commitment to fostering a happier and healthier society.

Day 1, Session 1 - Introduction to AI

Resource Person: Mr. Sandosh Manavalan, VP Client Delivery NDZ, SmartCity

Sandosh Manavalan is a software engineer who has more than 23 years of experience in the software industry. He is currently working as vice president client delivery NDZ, smartcity. He had handled more than 50 delivery projects, with a peak team size of 140 team members. He is the Mastermind behind more than 10 products and its engineering.He is an expert in various technologies like Cloud management/Devops/Aws/a2hosting, Mernstack, javascript, Mobile applications: Android, ios, flutter, Java Spring Boot, Database such as: oracle, MySQL, MongoDB and handled various industries like airline, airport, oil & gas, pharma/medical and banking

The first session of the National Seminar and Workshop on Artificial Intelligence and Machine Learning started with an interesting presentation by Mr. Sandosh Manavalan, VP Client Delivery at NDZ, SmartCity. The session, titled "Introduction to AI," provided a comprehensive overview of the evolution and current state of Artificial Intelligence (AI). Mr. Manavalan summarized the development of AI from its initial development in 1955 to its current position as a transformative force, noting significant events like Deep Blue's achievement in 1997 and Baidu's accomplishment in image classification in 2015.

In this foundational session, participants gained insights into the goals of AI, which include reducing task completion time, enhancing human-machine interaction, and improving accuracy in fields like medical diagnosis. The categorization of AI into Artificial Narrow Intelligence (ANI), Artificial General Intelligence (AGI), and Artificial Super Intelligence (ASI) was explained, emphasizing practical applications ranging from voice assistants to self-driving

cars. Technical aspects, such as specialized hardware, software, and machine learning algorithms trained on large datasets, were explored, highlighting the use of essential thinking skills such as learning, reasoning, and self-correction in the development of AI. Mr.Sandosh Manavalan also addressed the challenges associated with the advancements in AI, including potential risks, ethical issues, and job losses.

Despite these challenges, the discussion ended with a positive view that projected a promising future of AI with ongoing applications across various sectors and the potential development of AGI and ASI. The session provided a thorough and insightful overview of AI, its historical advancements, technical foundations, applications, and the challenges it poses. Mr. Sandosh Manavalan's expertise and engaging presentation style ensured that participants gained a comprehensive understanding of AI's significance in today's technology landscape.

Day 1, Session 2 - Machine Learning, Deep Learning, Generative AI, and the Future

Resource Person: Dr. Ninan Sajeeth Philip, Dean and Director, Artificial Intelligence Research and Intelligent System, airis4D.com

Dr. Ninan Sajeeth Philip is a technology expert specializing in future skills. He has immense insights into emerging technologies like Artificial Intelligence, the Internet of Things, Data Analytics, Robotics, Drone Technology, etc. He is the author of the ATMA (Automated Transmigration Algorithm) module that enables Linux operating systems to migrate from one machine to another and provide the user with a working environment for both research and development without installing any software on the local machine. The name ATMA is based on the Indian mythological concept that souls can migrate from one body to another.He is the author of the DBNN data mining software that is widely used in astronomy and other data-intensive research areas. Dr. Ninan is a Member of The International Statistical Institute, Astrostatistics and Astroinformatics Portal, Penn State, USA, and a Member of Virtual Observatory, India, and International Virtual Observatory Alliance. Dr. Ninan Sajith Philip is the Founder and Director of Artificial Intelligence Research and Intelligent Systems (also known as airs-labs).

In the second session of the seminar, Dr. Ninan Sajeeth Philip, an eminent expert from airis4D.com, provided a comprehensive exploration into the world of Artificial Intelligence (AI), focusing on machine learning, deep learning, generative AI, and the future prospects of these technologies.

Dr.Philip began by stating the fundamental concept of AI, emphasizing its role in mimicking human intelligence to the extent that machines can assume human roles. The discussion then easily shifted to Machine Learning (ML) and deep Learning ,two powerful subsets of AI.

The talk covered AI platforms, showcasing the popularity of AI in daily life, pointed out by ChatGPT's 80% accuracy in creative responses.Dr.Philip introduced Perplexity AI for more specific answers, highlighting its internet-dependent and real-time capabilities.An important part of the presentation focused on the potential biases in AI, resulting from specific regions' data being used more often than others, leading to biased tools and outcomes. Dr. Philip highlighted the dependency on searchable data, warning that what is seen as private may actually be more public than private.

The session then moved to the workings of AI, contrasting traditional search engines with the use of GPT (Generative Pre-trained Transformer). Dr.Philip provided an in-depth explanation of GPT, a large language model based on transformer networks, fundamental to natural language processing (NLP) and deep learning models. The discussion included insights into how machines learn from examples, utilizing artificial neural networks (ANN) that mimic human brain neurons.

Deep learning models, such as Convolutional Neural Networks (CNN), were introduced.The session prolonged with a focus on Generative AI, a field dedicated to developing models that can generate fake data. Dr. Philip explained training of GANs, providing an application example of GANs in road map traffic updates.

The discussion concluded with an overview of the challenges and potential of Artificial General Intelligence (AGI), highlighting the need for computing power and introducing neuromorphic computing as a potential future. The Q&A section allowed participants to look deeper into the complex elements of AI and its future applications.

Day 1, Session 3 - Paper Presentation

During the third session of the National Seminar's first day, attendees were treated to a collection of insightful paper presentations. The session was expertly overseen by Dr. John T Abraham, Head of the Computer Science department, Dr. Ratheesh K.R, Assistant Professor in the Department of Computer Applications, and Mr. Saravana Kumar, Training and Placement Officer at BMC, all of whom served as the session chairs.The wide range of topics highlighted the latest findings and developments in machine learning and artificial intelligence.

Greeshma KV presented a paper titled "Cultivating Precision: Revolutionizing Pesticide Detection in Crops through Hyperspectral Imaging and AI Innovations." Their research examined the association between AI and hyperspectral imaging to improve pesticide detection accuracy, possibly leading to improvements in farming methods.

Abhirami S explored the field of the Internet of Things (IoT) with her paper on "IoT and its Applications." Focusing on the exciting potential of connected devices, the presentation gave an overview of the expanding landscape of IoT and its multiple applications.

Afeena KS addressed a critical aspect of public health in her paper, "Leveraging Machine Learning for Early Detection and Control of Communicable Diseases and Pandemic Outbreaks in Student Housing."Her research focuses on the active application of machine learning for disease prevention and early detection, especially in student shared accommodations.

Sumithmon KS concluded the session with a comprehensive review titled "Enhancing Book Recommendation Systems: A Comprehensive Review of Techniques and Evaluation

Metrics." The paper explored the latest techniques and metrics employed in enhancing book recommendation systems, contributing to the ongoing evolution of personalized content recommendations.

The Paper Presentation session inspired discussions about the beneficial applications of AI and machine learning in solving real-world problems in recommendation systems, healthcare, and agriculture. The thought-provoking presentations opened the way for additional research and interaction in these rapidly evolving domains.

Day 2 , Session 1&2: Deep learning for Medical Image Analysis

Resource Person: Dr. Ambili P S, Associate Professor, School of Computer Science and Applications, REVA University Bangalore

Dr. Ambili P S, an Associate Professor at REVA University, Bangalore, boasts over 20 years of teaching and 13+ years of research experience, holding a Ph.D. in Computer Science from Anna University. Specializing in Data Analytics, Data Mining, AI, ML, and DL, she has been actively involved in academic and research pursuits. Dr. Ambili has excelled in training, contributing to faculty development programs, and serving as a resource person for national-level workshops. In her administrative roles, she coordinates the Board of Studies for the School of CSA, designs curricula, and serves as an academic auditor. Her expertise extends to NBA accreditation, OBE, and evaluation processes for bodies like AICTE and NEAT 3.0. Dr. Ambili is involved in various academic boards and is a thesis evaluator and Indian examiner for Ph.D. candidates. On the research front, she has an impressive publication record, including 23 papers in indexed journals and conferences, along with two patents registered with the Indian patent office. Her contributions also extend to book chapters, and she actively participates in international conferences as a keynote speaker, session chair, and technical committee member. Dr. Ambili is a reviewer for international journals and holds life memberships in professional bodies like CSI and ISTE. Additionally, she serves as a research supervisor, guiding six Ph.D. scholars at REVA University. Her multifaceted contributions make her a valuable presence in academia and research.

In the first session of Day 2, under the skillful direction of Dr. Ambili P S, the deep learning applications in medical image analysis were introduced. In-depth discussions on innovative subjects, such as deep learning algorithms for medical imaging and the subsequent trends transforming the field of medical image processing, were added into the context for attendees. By evaluating significant market shares and the complex information flow within the medical image chain, Dr. Ambili highlighted the revolutionary influence of artificial intelligence on healthcare, especially in the field of medical imaging. The lecture provided a solid framework for understanding the significant effect of deep learning in the medical field. The session concluded with insights into the biological neural networks and the effective use of convolutional neural networks (CNN) in image classification, object detection, and image segmentation.

The second session successfully focused on the deeper study of deep learning, with a particular emphasis on Convolutional Neural Networks (CNN) and its crucial function in image processing. The design of well-known models like AlexNet and GoogLeNet was explained by Dr. Ambili, who also explained complicated ideas like padding, pooling, and fully connected layers inside CNN. By exploring current patterns, participants learned about the rapid development of medical image processing, including the revolutionary effects of Generative Adversarial Networks (GANs) and ensemble learning models. Using Google Colab, practical features of medical image analysis with Python were illustrated, including sources of medical pictures, image formats, and interacting with DICOM. A detailed overview of picture annotations, including deep CNN segmentation and bounding box annotation, was given at the end of the session.Through the training, participants gained the ability to connect theoretical concepts with real-world applications, preparing them to handle the challenges of medical image analysis in real-world situations.

Day 2, Session 3: Medical Image Analysis - Hands-on using Python

The last session demonstrated a smooth transition from theory to practical experience, with participants applying what they had learned under Dr. Ambili P S's expert guidance. Loading, preparing, and improving medical data was made clear through hands-on examples with Python, Google Colab, and other libraries. Participants gained a real understanding of the techniques used in medical image analysis through the interactive workshop, which covered a wide range of approaches from segmentation to picture annotations and practical application on medical data using Python libraries. In addition to enhancing theoretical knowledge, this practical approach gave participants the ability to analyze real-world applications of AI and ML in the healthcare industry.

In addition to providing attendees with knowledge and useful skills that they can use in the rapidly evolving field of healthcare technology, these sessions provided clarity on the deeply innovative potential of deep learning.The seminar aimed to establish a strong basis for further

exploration and practical application in the AI and ML domain by combining theoretical knowledge with hands-on experience.

Day 3, Session 1: Paper Presentation

The morning session of day 3 commenced with a series of enlightening paper presentations, demonstrating the diverse applications of artificial intelligence with Dr.M.Lingaraj, Head of the Department, Department of Computer Science, Sankara College of Science and Commerce, Coimbatore serving as the session chair.

Dr. Tessy Thomas opened the session with her paper on "Revolutionizing Finance: The Synergy of Artificial Intelligence and Accounting Excellence." The presentation explored the transformative impact of AI on financial practices, showcasing the integration of cutting-edge technologies with accounting principles.

Following this, Arjun Kumar, Karthik Nair U, Vijay CH, and Kannan Saji presented on "Analysis and Prediction of Educational Data for Campus Placements Using Machine Learning." Their work delved into the world of educational data analysis, leveraging machine learning to enhance campus placement predictions and outcomes.

The session continued with a presentation by Jeeval Jolly Jacob, Kannan Saji, Motti Zachariah Varghese, and Kevin Justees on "Survey on Educational Data in Order to Predict Students' Academic Performance." The paper provided insights into the analysis of educational data for predicting academic performance, shedding light on the factors influencing student success.

The paper presentations demonstrated how machine learning and artificial intelligence are applied in a variety of fields. The talks focused on how artificial intelligence (AI) is changing financial practices, how machine learning can be used to interpret educational data, and how these developments might be used to forecast academic performance. In summary, the presentations illustrated the practical applications of AI and ML across several industries, highlighting the seminar's focus on sharing knowledge and development in these domains.

Day 3, Session 2: Unveiling the Wonders of AI - Current Trends and Future Prospects

Resource Person: Dr. M. Lingaraj, Head of the Department, Department of Computer Science, Sankara College of Science and Commerce, Coimbatore

Dr. M. Lingaraj is currently the Head of Computer Science Department at Sankara College of Science & Commerce, Coimbatore. He received a Doctorate of Philosophy Guideship from Bharathiar University and is presently offering guidance to three research scholars. He has organized various international conferences and possesses a portfolio of 15 international and national journal publications. Additionally, he takes on the role of a session chair for national seminars. He received awards like Best Researcher Award from the Sankara College of Science and Commerce, Best Research Advisor Award from PARA Awards, Best Administrator Award from Dr.Kalam Trust, Best Faculty Coordinator Award from IIT Kharagpur and also a Certified ISO Auditor

During the day's second session, Dr.Lingaraj delved into the interesting world of artificial intelligence, examining both present trends and future opportunities. The seminar covered a wide range of AI topics, such as automatic programming, natural language processing, visual perception, and an in-depth discussion of deep learning and machine learning technology.

The highlight of the demonstration was a practical application that showed how to predict property prices depending on size using a Python linear regression model. In his presentation on

the future of artificial intelligence, Dr. Lingaraj discussed Explainable AI (XAI), advances in reinforcement learning, enhancements in natural language processing, and applications of AI in healthcare, cybersecurity, and agriculture.

The session provided a detailed exploration of advancements in reinforcement learning, emphasizing its real-world significance through examples like AlphaGo. Challenges and future directions in reinforcement learning, including deep reinforcement learning and multi-agent reinforcement learning, were carefully examined.

The session concluded with a practical application of AI in TANGEDCO, illustrating its role in energy demand prediction for efficient grid management. Advanced techniques like recurrent neural networks (RNN), deep belief networks (DBN), and generative adversarial networks (GAN) were introduced, ensuring a complete understanding of the latest trends and future possibilities in the domain of artificial intelligence. The engaging Q&A session raised further discussion and exploration among the participants.

Day 3, Session 3: Role of Multi Core Processors in Machine Learning Applications

Resource Person: Dr. John Jose, Associate Professor, Department of Computer Science & Engineering, Indian Institute of Technology Guwahati

Dr. John Jose is an Associate Professor in the Department of Computer Science & Engineering, Indian Institute of Technology Guwahati, where he joined as an Assistant Professor in 2015. He completed his Ph.D degree from Indian Institute of Technology Madras in the field of computer architecture. He was a rank holder in M.Tech degree from Vellore Institute of Technology (VIT University). He did his B.Tech degree from College of Engineering Adoor, Cochin University, Kerala. He is the recipient of the prestigious Qualcomm Faculty Award 2021. He is also serving as the Vice-Chair of IEEE India Council. His research group in Multicore Architecture and Systems Lab at IITG explores the domain of network on chips, cache management techniques for large multicore systems, non-volatile memories, hardware security, domain specific hardware accelerators and disaggregated storage systems. He is the associated editor for IEEE-Embedded System Letter Journal. He has over 50 IEEE & ACM peer reviewed conference publications, over 15 ACM & IEEE transactions papers as well as Springer and Elsevier journal papers to his credit. He is a reviewer for many national and international peer reviewed journals and member of technical program committee and organizing committee for many IEEE/ACM national and international conferences.

He is the investigator for several R&D projects under DST and MeitY. He is associated with many national pilot projects like NPTEL-MOOCS, SPARC, GIAN, TEQIP, ISEA, Ishan Vikas, Vigyan Jyoti etc. He has active academic research collaboration with University of Catania, Italy, University of Florida, USA, University of Essex, UK, Federal University Naples, Italy and Qualcomm India. He has offered two popular NPTEL Online Certification courses in the area of Computer Architecture. He was the recipient of ACM-SIGDA, IEEE-CEDA, IARCS and DRDO research grants for technical presentations in various international forums. He is a resource person for computer architecture and hardware security related symposia, workshops, short-term courses and faculty development programs in many organizations across the country. He is an invited speaker for many career guidance seminars/ teaching pedagogy workshops to various technical institutes, R&D houses and schools. He is also serving as Board of Studies members to various universities and autonomous colleges. He is an active member of professional societies like ACM, IEEE, ISTE and CSI.

In the last session, which was conducted by Dr. John Jose, the discussion focused on how multi-core processors have significantly influenced the development of machine learning applications in a variety of fields.

The session began by addressing the unavoidable presence of applications in daily life, touching on the "blue tick syndrome," indicating a 50% productivity loss due to excessive app usage and the impact of app downloads on phone processing capabilities. Dr. Jose then provided a glimpse into the future, visualizing driverless cars, virtual classes eliminating the need for physical teachers, and the emergence of smart farming using agro robots. The discussion

extended to smart healthcare, smart homes with biometric locks, intelligent transportation systems, high-precision security devices, weather forecasting advancements, and the concept of smart living.

The core focus shifted to the role of multi-core processors, particularly the Tiled Chip Multiprocessor (TCMP) architecture, which stands as a state-of-the-art solution for high-end computations. The integration of Network on Chip (NOC) was highlighted as a key component enhancing connectivity between processors. The discussion extended to Domain-Specific Accelerators (DSA) versus Application-Specific Circuits (ASIC), emphasizing the efficiency gains achieved through specialized circuits in various domains like graphics, deep learning, simulation, security, and image processing. Dr. Jose concluded the seminar by predicting upcoming developments, such as face recognition in airports and railway systems connected through platforms, shaping the future of seamless and secure travel experiences.

The seminar's final session provided a thorough look into the future of machine learning applications across a range of real-world scenarios by highlighting the combination of complex architectures, innovative algorithms, and the exciting potential of multi-core processors.

Event Highlights

It promised a compelling exploration of artificial intelligence (AI) and machine learning. With keynote speakers including Sandosh Manavalan, VP Client Delivery NDZ at SmartCity, and Dr. Ninan Sajeeth Philip, Dean and Director at airis4D.com, covering topics like Machine Learning, Deep Learning, and Generative AI, participants are in for an intellectually stimulating experience. Dr. Ambili P S, Associate Professor at REVA University Bangalore, led a hands-on session on Deep Learning for Medical Image Analysis using Python, adding a practical dimension to the theoretical insights. The final day session handled by Dr. M. Lingaraj, Head of the Department of Computer Science at Sankara College, exploring current AI trends, and Dr. John Jose, Associate Professor at IIT Guwahati, shedding light on the Role of Multi-Core Processors in Machine Learning Applications. This diverse lineup ensures a comprehensive and engaging exploration of the evolving landscape of AI.

The event experienced a vibrant turnout, reaching a total of 222 attendees. This included 90 registered participants and a remarkable gathering of 132 individuals from Bharata Mata College.

Gimmy George from "BY GEORGE" actively participated in all the sessions of the seminar. The feedback provided by Gimmy George stated that "Thank you for giving me a good foundation in AI/ML concepts. We are offering a 'Sentiment Analytics tool' to our clients,which possess an LLM / Aspect Matching based Analytic engine. I shall adapt it with these learnings "

A Timeless Tribute: Honoring the Chief Guest and Unveiling Momentum

Participant Certificate Distribution Event

PROGRAMME SCHEDULE

Day 1: Date: 15/11/2023
Venue: MBA Auditorium

Time	Programme
08.30 - 09.30	Registration
Inaugural session	
9.30 - 10.30	Prayer

	Welcome Address
	    Dr. John T Abraham
	    Head of the Department
	    Department of Computer Science

	Presidential Address
	    Dr. Johnson K M
	    Principal
	    Bharata Mata College
	
	Inaugural address and Lighting the lamp
	    Mr.Pramod. G. V. KAS
	    Deputy Collector & Liaison officer (Revenue),
	    AG' s Office, Ernakulam

	Manager's Message (Rev. Fr. Dr. Abraham Oliapurath)
	Felicitation - Asst. Manager (Rev. Fr. Jimmichan Karthanam) Honorable presence - Vice Principals (Dr. Lissy Kachappilly & Ms.Bini Rani Jose)

	Vote of Thanks
	    Mr. Harikrishnan P
	    Faculty
	    Department of Computer Science, BMC

Time	Programme
10.30 - 11.15	Talk by Pramod. G. V. KAS (Deputy collector)
11.15 - 11.30	Tea Break
Session - 1	

11.30 - 01.00	**Introduction to AI**
	Resource Person:
	    Mr. Sandosh Manavalan
	    VP Client Delivery NDZ,
	    SmartCity

01.00 - 02.00	Lunch Break

Session - 2	
02.00 - 03.30	**Machine Learning, Deep Learning, Generative AI and the future** Resource Person: 　　　　　Dr. Ninan Sajeeth Philip 　　　　　Dean and Director 　　　　　　Artificial intelligence Research and Intelligent System airis4D.com
03.30 - 03.45 Tea Break	
Session - 3	
03.45 - 04.30	**Paper Presentation** Session chair: Dr. John T Abraham 　　　　　Head of the department 　　　　　　Department of Computer Science 　　　　　　Bharata Mata College

Day 2: Date: 16/11/2023
Venue: MBA Computer Lab

Time	Program
Session-1	
9.30 - 11.15	**Deep learning for medical image analysis** Resource Person: 　　　　　Dr. Ambili P S 　　　　　Associate Professor, School of Computer 　　　　　Science and Applications 　　　　　REVA University Bangalore
11.15 - 11.30	Tea Break

Session-2	
11.30 - 01.00	**Deep learning for medical image analysis** Resource Person: 　　　　　Dr. Ambili P S
01.00 - 02.00	Lunch Break
Session-3	
02.00 - 03.30	**Medical image analysis - Hands on using Python**
03.30 - 03.45	Tea Break

Day 3: Date: 17/11/2023
Venue: MSW Seminar Hall

Time	Program
	Session - 1

9.30 - 10.45	**Paper Presentation**
	Session chair: Dr. M. Lingaraj
	           Head of the department
	           Department of Computer science
	           Sankara college of science and commerce
	           Coimbatore

10.45 - 11.00	Tea Break
	Session - 2

11.00 - 12.30	**Unveiling the wonders of AI- current Trends Future, Prospects**
	Resource Person:
	           Dr. M. Lingaraj
	            Head of the department
	             Department of Computer science
	              Sankara college of science and commerce
	           Coimbatore

12.30 - 01.30	Lunch Break
	Session - 3

01.30 - 03.00	**Role of Multi Core Processors in Machine Learning Applications**
	Resource Person:
	           Dr. John Jose
	            Associate Professor Department of
	            Computer Science & Engineering
	            Indian Institute of Technology Guwahati

BROCHURE

ABOUT THE SEMINAR AND WORKSHOP

In the rapidly evolving landscape of technology, Artificial Intelligence (AI) and Machine Learning (ML) stands as the vanguards of innovation, revolutionizing industries, and redefining human capabilities. The "National Seminar & Workshop on Artificial Intelligence and Machine Learning" invites you to embark on an enlightening journey that uncovers the extraordinary potentials of these cutting-edge technologies.

EVENT HIGHLIGHTS

Introduction to AI: Get acquainted with the basics of Artificial Intelligence and its revolutionary impact on various industries. Learn from experts who will guide you through the fundamental concepts that power AI-driven innovations.

Unveiling the Wonders of AI - Current Trends, Future, Prospects: Delve into the latest trends shaping the world of AI. Discover how AI is changing industries, its potential for the future, and the exciting prospects it offers for technology enthusiasts.

Deep Learning for Medical Image Analysis Hands-On Using Python: Experience the future of healthcare through this hands-on workshop. Gain practical insights into applying deep learning techniques to medical image analysis using the versatile Python programming language.

Role of Multi-Core Processors in Machine Learning Applications: Explore the critical role that multi-core processors play in optimizing machine learning applications. Learn how hardware advancements are enhancing the performance and capabilities of AI systems.

Machine Learning, Deep Learning, Generative AI and the Future: Delve deep into the world of advanced AI technologies. Gain a comprehensive understanding of machine learning, deep learning, and generative AI, and envision the limitless possibilities they hold for the future.

ABOUT THE DEPARTMENT

The Department of Computer Science, established in January 2021 within the Government-aided stream, marked a significant milestone with the introduction of the Integrated MSc in Computer Science (Artificial Intelligence and Machine Learning). The department's vision is centered around creating technologically enabled youth who contribute to both their nation and society as a whole. This vision is fueled by a commitment to excellence in education, emphasizing not only technical proficiency but also responsible citizenship, a secular outlook, moral values, and a strong sense of empathy and concern for others.

The department's mission is aligned with preparing students to face the current and upcoming technological challenges ensuring they are not only equipped with essential skills but also empowered to apply their knowledge effectively. The Integrated MSc program in Computer Science, with a specialized focus on Artificial Intelligence and Machine Learning, embodies this mission by providing a comprehensive educational experience that encompasses theoretical knowledge, practical skills, and ethical values.

ABOUT THE COLLEGE

Bharata Mata College Thrikkakara is a premier educational institution of higher learning in the aided sector affiliated to the Mahatma Gandhi University. An arts and science co-educational institution under the Bharata Mata educational trust, BMC is owned and managed by the Archdiocese of Ernakulam-Angamaly. The college was established in 1965 by His Eminence the late Joseph Cardinal Parecattil and is situated at Thrikkakara along the seaport-airport road. The college was accredited by National Assessment and Accreditation Council with A+ grade in 2019. Living up to its motto 'For God and country', the college provides its students a comprehensive education with special emphasis on responsible citizenship, secular outlook and moral values and moulds its students to be exceptional individuals equipped to address global challenges.

NATIONAL SEMINAR & WORKSHOP ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Day 1: Date: 15/11/2023
Venue: MBA Auditorium

Inauguration	:	**Pramod. G. V. KAS** Deputy collector & Liaison officer (Revenue), AG' s Office, Ernakulam.
Session 1	:	Introduction to AI **Sandosh Manavalan** VP Client Delivery NDZ, SmartCity
Session 2	:	Machine Learning, Deep Learning Generative AI and the future **Dr. Ninan Sajeeth Philip** Dean and Director Artificial intelligence Research and Intelligent System airis4D.com
Session 3	:	Paper Presentation

Day 2: Date: 16/11/2023
Venue: MBA Computer Lab

Workshop	:	Deep learning for medical image analysis Hands on using Python **Dr. Ambili P S** Associate Professor, School of Computer Science and Applications REVA University Bangalore

Day 3: Date: 17/11/2023
Venue: MSW Seminar Hall

Session 1	:	Unveiling the wonders of AI- current Trends Future, Prospects **Dr. M. Lingaraj** Head of the department Department of Computer science Sankara college of science and commerce Coimbatore
Session 2	:	Role of Multi Core Processors in Machine Learning Applications **Dr. John Jose** Associate Professor Department of Computer Science & Engineering Indian Institute of Technology Guwahati

Guidelines for the Submission of Papers

- Interested participants are invited to submit their original research papers for oral presentation. The abstract not exceeding 200 words can be sent to the e-mail- bmccomputerscience@gmail.com on or before 30.10.2023.
  Note: Only registered delegates can present papers.
- Papers must be submitted in MS Word with 1.5 line spacing in Times New Roman with font size 12. Full paper not exceeding 10 pages. Title, Author(s), Name, Institution Name & E-mail id for communication should be clearly mentioned in the paper.
- Selected papers will be published with ISBN and possible inclusion in UGC CARE listed Journal.

> **Registration Deadline - October 30, 2023**
> *Selected participants will be intimated via email by November 02, 2023.*

Registration Fee

Research scholars/students (without accommodation) : Rs. 250/-
Faculty members (without accommodation) : Rs. 500/-
The registration fee can be paid through online mode. Bank details are given as:
Name - Principal, Bharata Mata College
A/c No - 60449434522
IFSC - MAHB0002090
Registration link: https://forms.gle/pM3swZPdSk9Lk9HwS
Accommodation for the participants will be provided as per request, with an additional fee.

For Further Details Contact

Dr. John T Abraham - 9447116484
Mr. Harikrishnan P. - 9061534931
Mail to: bmccomputerscience@gmail.com

ORGANISING COMMITTEE

Rev. Fr. (Dr) Abraham Oliyapurath- Manager	Rev. Fr. Mathew Karthanam- Asst. Director
Dr. Johnson K M- Principal	Dr. Lissy Kachappilly - Vice Principal
Ms. Bini Rani Rose - Vice Principal	Dr. John T Abraham - Convener
Mr. Harikrishnan P - Coordinator	Ms. Alphonsa Sini
Ms. Sivasankari M N	Ms. Alfin Abraham
Ms. Ninitha Mary	Ms. Lima Sebastian
Ms. Sofel Sebastian	

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'Artificial intelligence, machine learning to define modern era'

Kochi: Artificial intelligence (AI) and machine learning would become the necessity that would determine the progress of the modern era, said KAS deputy collector Pramod G V. He was speaking after inaugurating a national workshop, conference and seminar on AI under the leadership of Integrated MSc Computer Science Artificial Intelligence and Machine Learning Department of Bharat Mata College in Thrikkakara. The workshop was held over three days in collaboration with the Kerala State Council for Science, Technology and Environment (KSCSTE). College principal Dr Johnson K M preside over the inaugural session. Head of department John T Abraham and coordinator Harikrishnan P spoke. Vice-principals Lissy Kachappilly and Bini Rani were present among others.

Workshop and seminar on AI held at Bharata Mata College

A national workshop and seminar on Artificial Intelligence (AI) was held at Bharata Mata College, Thrikkakara, at the instance of Integrated M.Sc. Computer Science Artificial Intelligence and Machine Learning department. The seminar, held over three days in collaboration with the Kerala State Council for Science, Technology and Environment, was inaugurated by Deputy Collector G.V. Pramod, who said AI and machine learning would become a necessity that would determine progress in the modern era. College Principal Johnson K.M. presided over the inaugural session.

നിർമിത ബുദ്ധി: ദേശീയ ശില്പശാല

കൊച്ചി: തൃക്കാക്കര ഭാരതമാത കോളജിലെ ഇന്റഗ്രേറ്റഡ് എംഎസ്.സി.കമ്പ്യൂട്ടർ സയൻസ് ആർ.ട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് മെഷീൻ ലേണിംഗ് ഡിപ്പാർട്ട്മെന്റിന്റെ നേതൃത്വത്തിൽ നിർമിതബുദ്ധിയിൽ ദേശീയ ശില്പശാല നടത്തും. കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിലിന്റെ സഹകരണത്തോടെ 15 മുതൽ 17 വരെയാണ് ശില്പശാല.

നിർമിത ബുദ്ധി, മെഷീൻ ലേണിംഗ് തുടങ്ങിയ വിഭാഗങ്ങളുടെ നൂതന കണ്ടുപിടിത്തങ്ങളും ശാസ്ത്ര പുരോഗതിയും ആധുനിക സംരംഭങ്ങളും രീതികളും സംബന്ധിച്ച് വിദഗ്ധർ പങ്കെടുക്കും. കമ്പ്യൂട്ടർ സയൻസ് വകുപ്പ് മേധാവി ഡോ. ജോൺ ടി. എ ബ്രഹാം, കൺവീനർമാരായ പി. ഹരികൃഷ്ണൻ, രാഹുൽ വിശാഖ്, മാളവികാ രാജ് തുടങ്ങിയവരുടെ നേതൃത്വത്തിൽ സംഘാടക സമിതി പ്രവർത്തിക്കുന്നുണ്ട്.

ദേശീയ ശില്പശാല

തൃക്കാക്കര● ഭാരതമാത കോളജ് ഇന്റഗ്രേറ്റഡ് എംഎസ്സി കമ്പ്യൂട്ടർ സയൻസ് ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് മെഷീൻ ലേണിംഗ് വകുപ്പിന്റെ നേതൃത്വത്തിൽ നിർമിത ബുദ്ധിയെ കുറിച്ച് നടത്തിയ ദേശീയ ശില്പശാല ഡപ്യൂട്ടി കലക്ടർ ജി.വി.പ്രമോദ് ഉദ്ഘാടനം ചെയ്തു.

പ്രിൻസിപ്പൽ ഡോ.കെ.എം. ജോൺസൺ അധ്യക്ഷത വഹിച്ചു. വകുപ്പ് മേധാവി ഡോ.ജോൺ ടി.എ.ബ്രഹാം, കോ-ഓർഡിനേറ്റർ പി.ഹരികൃഷ്ണൻ, വൈസ് പ്രിൻസിപ്പൽമാരായ ഡോ.ലിസി കാച്ചപ്പിള്ളി, ബിനി റാണി, ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് റിസർച്ച് ഡയറക്ടർ നൈനാൻ സജിത് ഫിലിപ്, ക്ലൈന്റ് ഡെലിവറി എൻ ഡിസൈൻഡ് വൈസ് പ്രസിഡന്റ് സന്തോഷ് മണവാളൻ, ഡോ.പി. എസ്.അമ്പിലി, ഡോ.എം.ലികരാജ്, ഡോ.ജോൺ ജോസ് തുടങ്ങിയവർ പ്രസംഗിച്ചു. കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിലിന്റെ സഹകരണത്തോടെയായിരുന്നു ശില്പശാല.

സെമിനാർ നടത്തി

തൃക്കാക്കര

തൃക്കാക്കര ഭാരത് മാതാ കോളേജിലെ ഇന്റഗ്രേറ്റഡ് എംഎസ്സി കമ്പ്യൂട്ടർ സയൻസ് ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് മെഷീൻ ലേണിങ് വിഭാഗത്തിന്റെ നേതൃത്വത്തിൽ നിർമിതബുദ്ധിയെക്കുറിച്ച് ദേശീയ സെമിനാർ നടത്തി. ഡെപ്യൂട്ടി കലക്ടർ ജി വി പ്രമോദ് ഉദ്ഘാടനം ചെയ്തു.

പ്രിൻസിപ്പൽ കെ എം ജോൺസൺ അധ്യക്ഷനായി. ഡോ. ജോൺ ടി എബ്രഹാം, കോ-ഓർഡിനേറ്റർ പി ഹരികൃഷ്ണൻ, ഡോ. ലിസി കാച്ചപ്പിള്ളി, ബിനി റാണി എന്നിവർ സംസാരിച്ചു.

● തൃക്കാക്കര ഭാരത മാതാ കോളജിലെ ഇന്റഗ്രേറ്റഡ് എം.എസ്.സി. കമ്പ്യൂട്ടർ സയൻസ് ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് മെഷീൻ ലേണിംഗ് ഡിപ്പാർട്ട്മെന്റിന്റെ നേതൃത്വത്തിൽ നിർമ്മിതബുദ്ധിയിൽ ദേശീയ ശില്പശാലയും സമ്മേളനത്തിലും പങ്കെടുത്തവർ.

ഭാരത മാതാ കോളജിൽ നിർമ്മിതബുദ്ധിയിൽ
ദേശീയ ശില്പശാല

കൊച്ചി: തൃക്കാക്കര ഭാരത മാ താ കോളജിലെ ഇന്റഗ്രേറ്റഡ് എം.എസ്.സി. കമ്പ്യൂട്ടർ സയൻ സ് ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻ സ് ആൻഡ് മെഷീൻ ലേണിംഗ് ഡിപ്പാർട്ട്മെന്റിന്റെ നേതൃത്വ ത്തിൽ നിർമ്മിതബുദ്ധിയിൽ ദേ ശീയ ശില്പശാലയും സമ്മേള നവും സെമിനാറും ഡെപ്യൂട്ടി ക ലക്ടർ പ്രമോദ് ജി.വി. ഉദ്ഘാട നം ചെയ്തു. കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിലിന്റെ സഹകരണ ത്തോടെ മൂന്ന് ദിവസങ്ങളിലാ യിട്ടാണ് നടന്നത്. കോളജ്

പ്രിൻസിപ്പൽ ഡോ. ജോൺ സൺ കെ.എം. അധ്യക്ഷത വ ഹിച്ചു. വകുപ്പ് തലവൻ ഡോ ജോൺ ടി. ഏബ്രഹാം, കോർ ഡിനേറ്റർ ഹരികൃഷ്ണൻ പി വൈസ് പ്രിൻസിപ്പൽമാരായ ഡോ. ലിസി കാച്ചപ്പിള്ളി, ബിനി റാണി പങ്കെടുത്തു.
സ്മാർട്ട് സിറ്റിയിലെ ക്ലൈന്റ് ഡെലിവറി എൻ.ഡി. ഇസഡ് വൈസ് പ്രസിഡന്റ് സന്തോഷ് മണവാളൻ, ആർട്ടിഫിഷ്യൽ ഇ ന്റലിജൻസ് റിസർച്ച് ആൻഡ് ഇ ന്റലിജൻസ് ഡയറക്ടർ നൈ നാൻ സജിത് ഫിലിപ്പ്,

ബാംഗ്ലൂർ റേവ യൂണിവേഴ്സിറ്റി യിലെ അസോ. പ്രഫസർ ഡോ ക്ടർ അമ്പിളി പി.എസ്, കോയ മ്പത്തൂർ ശങ്കര കോളജ് വകുപ്പ് തലവൻ ഡോ. എം.ലിംഗ രാജ്, ഗുവാഹട്ടി ഐ.ഐ.ടി.യിലെ അസോ. പ്രഫ. ഡോ. ജോൺ ജോസ് എന്നിവർ ക്ലാസ് എടു ത്തു.കമ്പ്യൂട്ടർ സയൻസ് വകുപ്പ് തലവൻ ഡോ. ജോൺ ടി. ഏ ബ്രഹാം കൺവീനർമാരായ ഹ രികൃഷ്ണൻ പി., രാഹുൽ വി ശാഖ്, മാളവികാ രാജ് തുടങ്ങി യവരുടെ നേതൃത്വത്തിലായിരു ന്നു സംഘാടക സമിതി.

നിർമ്മിത ബുദ്ധിയിൽ ദേശീയ സമ്മേളനവും ശിൽപ്പശാലയും സെമിനാറും.

October 20, 2023 | News Desk

BHARATA MATA COLLEGE THRIKKAKARA
Affiliated to MG University, Re-accredited by NAAC with "A+" Grade, ISO 9001-2015 Certified

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NATIONAL SEMINAR & WORKSHOP ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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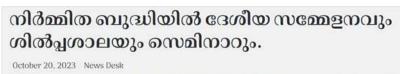**KERALA STATE COUNCIL FOR SCIENCE TECHNOLOGY AND ENVIRONMENT (KSCSTE)**

കൊച്ചി: തൃക്കാക്കര ഭാരത മാതാ കോളേജിലെ ഇന്റഗ്രേറ്റഡ് എംഎസ് സി കമ്പ്യൂട്ടർ സയൻസ് ആർട്ടിഫിഷ്യൽ ഇൻറലിജൻസ് ആൻഡ് മെഷീൻ ലേണിംഗ് ഡിപ്പാർട്ടുമെന്റിന്റെ നേതൃത്വത്തിൽ നിർമ്മിതബുദ്ധിയിൽ ദേശീയ ശില്പശാലയും സമ്മേളനവും സെമിനാറും സംയുക്തമായി സംഘടിപ്പിക്കുന്നു.കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിലിന്റെ സഹകരണത്തോടെ നവംബർ 15 മുതൽ 17 വരെയാണ് നടത്തുന്നത്.

നിർമ്മിത ബുദ്ധി, മെഷീൻ ലേണിംഗ് തുടങ്ങിയ വിഭാഗങ്ങളുടെ നൂതന കണ്ടുപിടിത്തങ്ങളും ശാസ്ത്ര പുരോഗതിയും ആധുനിക സംരംഭങ്ങളും രീതികളും സംബന്ധിച്ച വിദഗ്ധർ പങ്കെടുക്കും.ഈ രംഗത്തെ പ്രബന്ധങ്ങൾ പ്രസിദ്ധീകരിക്കുന്നതിനും ആവശ്യമെങ്കിൽ അവതരിപ്പിക്കുന്നതിനുംഅവസരം ഒരുക്കിയിട്ടുണ്ട്.15 ന് രാവിലെ ഡെപ്യൂട്ടി കളക്ടർ പ്രമോദ് ജി ഉദ്ഘാടനം നിർവഹിക്കും.

സ്മാർട്ട് സിറ്റിയിലെ ക്ലൈന്റ് ഡെലിവറി എൻ ഡി ഇസഡ് വൈസ് പ്രസിഡൻറ് സന്തോഷ് മണവാളൻ നിർമ്മിത ബുദ്ധിയെ പറ്റി പ്രഭാഷണം നടത്തും.
ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് റിസർച്ച് ആൻഡ് ഇൻറലിജൻസ് ഡയറക്ടർ നൈനാൻ സജിത് ഫിലിപ്പ് ഡീപ് ലേണിങ്ങിന്റെ ഭാവിയെപ്പറ്റി പ്രബന്ധം അവതരിപ്പിക്കും.

16ന് നടക്കുന്ന ഡീപ് ലേണിംഗിലൂടെ പൈതൺ ഉപയോഗിച്ച് മെഡിക്കൽ ഇമേജിങ് അനാലിസിസിനെ പറ്റിയുള്ള ശില്പശാലയ്ക്ക് ബാംഗ്ലൂർ രേവ യൂണിവേഴ്സിറ്റിയിലെ അസോ. പ്രൊഫസർ ഡോക്ടർ അംബിളി പി.എസ്. നേതൃത്വം നൽകും .17 ന് കോയമ്പത്തൂർ ശങ്കരാ കോളേജ് വകുപ്പ് തലവൻ ഡോ. എം.ലിംഗ രാജ് അൽഭുതാവഹമായ നിർമ്മിതബുദ്ധി സാധ്യതകളെ പറ്റി ക്ലാസെടുക്കും.

തുടർന്ന് ഗുവാഹട്ടി ഐ ഐ ടി യിലെ അസോ. പ്രൊഫ. ഡോ. ജോൺ ജോസ് മെഷീൻ ലേണിംഗ് ആപ്ലിക്കേഷനുകളിലെ മൾട്ടി കോർ പ്രൊസസറുകളുടെ പ്രസക്തിയെപ്പറ്റിയുള്ള സെഷന് നേതൃത്വം നൽകും.കമ്പ്യൂട്ടർ സയൻസ് വകുപ്പ് തലവൻ ഡോ. ജോൺ റ്റി. ഏബ്രഹാം , കൺവീനർമാരായ ഹരികൃഷ്ണൻ പി., രാഹുൽ വിശാഖ്, മാളവികാ രാജ് തുടങ്ങിയവരുടെ നേതൃത്വത്തിൽ സംഘാടക സമിതി പ്രവർത്തിച്ചു വരുന്നു.

നിർമ്മിത ബുദ്ധി കാലഘട്ടത്തിന്റെ അനിവാര്യത.

കൊച്ചി: ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസും മെഷീൻ ലേണിംഗും ആധുനിക കാലഘട്ടത്തിന്റെ പുരോഗതിയെ നിർണ്ണയിക്കുന്ന അനിവാര്യതയായി മാറുമെന്ന് ഡെപ്യൂട്ടി കളക്ടർ പ്രമോദ് ജി.വി. കെ എ എസ് പ്രസ്താവിച്ചു. ഉത്തമ പരാൻമാരെ വാർത്തെടുക്കുന്നതിന്റെ ഉത്തരവാദിത്തം വിസ്മരിച്ചു കൊണ്ടുള്ള പുരോഗതിയല്ല ടെക്നോളജിയുടെ വർദ്ധനമെന്ന് അദ്ദേഹം ചൂണ്ടിക്കാട്ടി. തൃക്കാക്കര ഭാരത മാതാ കോളേജിലെ ഇന്റഗ്രേറ്റഡ് എംഎസ് സി കമ്പ്യൂട്ടർ സയൻസ് ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് മെഷീൻ ലേണിംഗ് ഡിപ്പാർട്ട്മെന്റിന്റെ നേതൃത്വത്തിൽ നിർമ്മിതബുദ്ധിയിൽ രാഗിയ ശില്പശാലയും സമ്മേളനവും സെമിനാറും ഉദ്ഘാടനം ചെയ്യുകയായിരുന്നു അദ്ദേഹം.

കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിലിന്റെ സഹകരണത്തോടെ മൂന്ന് ദിവസങ്ങളിലായിട്ടാണ് നടന്നത്. കോളേജ് പ്രിൻസിപ്പാൾ ഡോ. ജോൺസൺ കെ.എം. അധ്യക്ഷത വഹിച്ച ഉദ്ഘാടന സമ്മേളനത്തിൽ വകുപ്പ് തലവൻ ഡോ ജോൺ സി. എബ്രഹാം, കോർഡിനേറ്റർ ഹരികൃഷ്ണൻ വി എന്നിവർ പ്രസംഗിച്ചു. വൈസ് പ്രിൻസിപ്പൽമാരായ ഡോ. ലിസി കാച്ചപ്പിള്ളി, ബിനി റാണി തുടങ്ങിയവർ സന്നിഹിതരായിരുന്നു.

നിർമ്മിത ബുദ്ധി, മെഷീൻ ലേണിംഗ് തുടങ്ങിയ വിഭാഗങ്ങളുടെ നൂതന കണ്ടുപിടിത്തങ്ങളും ശാസ്ത്ര പുരോഗതിയും ആധുനിക സാങ്കേതങ്ങളും രീതികളും സംബന്ധിച്ച വിദ്വാൻ പങ്കെടുത്തു. ഇന്ത്യയുടെ വിവിധ ഭാഗങ്ങളിൽ നിന്നായി നൂറിലധികം പ്രതിനിധികൾ പങ്കെടുത്തു.

ഈ രംഗത്തെ പത്തോളം പ്രബന്ധങ്ങൾ അവതരിപ്പിച്ചു. തെരഞ്ഞെടുത്ത ഗവേഷണങ്ങൾ ഐ.എസ്. ബി.എൻ പ്രസിദ്ധീകരിക്കും.

ഡെപ്യൂട്ടി കളക്ടർ പ്രമോദ് ജി കെ എ എസ് മോട്ടിവേഷനൽ ക്ലാസ് നയിച്ചു.

സ്മാർട്ട് സിറ്റിയിലെ ക്ലൈന്റ് ഡെലിവറി എൻ ഡി ഇസഡ് വൈസ് പ്രസിഡന്റ് സന്തോഷ് മേനോവാളൻ നിർമ്മിത ബുദ്ധിയെ പറ്റി പ്രഭാഷണം നടത്തി

ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് റിസർച്ച് ആൻഡ് ഇന്റലിജൻസ് ഡയറക്ടർ മനോനാൻ സജിത് ഫിലിപ്പ് ഡീപ് ലേണിംഗിന്റെ ഭാവിയെപ്പറ്റി ക്ലാസെടുത്തു.

ഡീപ് ലേണിംഗിലൂടെ പെയ്തന്റ് ഉപയോഗിച്ച് മെഡിക്കൽ ഇമേജിങ് അനാലിസിസിനെ പറ്റിയുള്ള ഏകദിന ശില്പശാലയ്ക്ക് വാഗ്ലൂർ റേവ യൂണിവേഴ്സിറ്റിയിലെ അസോ. പ്രൊഫസർ ഡോക്ടർ അമ്പിളി പി.എസ്. നേതൃത്വം നൽകി.

കോയമ്പത്തൂർ ശങ്കരാ കോളേജ് വകുപ്പ് തലവൻ ഡോ. എം ലിഗ രാജ് അങ്കിൽ്ലുതാവഹമായ നിർമ്മിതബുദ്ധി സാധ്യതകളെ പറ്റി ക്ലാസെടുത്തു.

തുടർന്ന് ഗുവാഹട്ടി ഐ ഐ ടി യിലെ അസോ. പ്രൊഫ. ഡോ. ജോൺ ജോസ് മെഷീൻ ലേണിംഗ് ആപ്ലിക്കേഷനുകളിലെ മൾട്ടി കോർ പ്രൊസസറുകളുടെ പ്രസക്തിയെപ്പറ്റിയുള്ള സെഷന് നേതൃത്വം നൽകി.

കമ്പ്യൂട്ടർ സയൻസ് വകുപ്പ് തലവൻ ഡോ. ജോൺ റ്റി. എബ്രഹാം , കൺവീനർമാരായ ഹരികൃഷ്ണൻ വി., രാഹുൽ വിശാഖ്, മാളവികാ രാജ് തുടങ്ങിയവരുടെ നേതൃത്വത്തിലായിരുന്നു സംഘാടക സമിതി .

ദേശീയ ശില്പശാല സംഘടിപ്പിച്ചു

ദേശീയ ശില്പശാല

നിർമ്മിതബുദ്ധിയിൽ സമ്മേളനവും സെമിനാറും നടന്നു

ഭാരത് മാതാ കോളജില്‍ AI സെമിനാര്‍

കൊച്ചി

നൂറിലധികം പ്രതിനിധികള്‍ പങ്കെടുത്തു

കൊച്ചി

ഭാരത് മാതാ കോളജില്‍ AI സെമിനാര്‍

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Audience Voices: Engaging and Informative Session with Positive Feedback

3-Day Seminar | AI & ML External Inbox ×

Jimmy <jimmygeorge@bygeorge.in>
to me ▾

Mon, Nov 20, 6:47 PM (3 days ago)

Dear Sir,

I had a delightful experience attending the 3-day national seminar and workshop on AI & ML, conducted by your Department of Computer Science.

The selection of topics and the speakers were admirable, and the sessions were instructive. I observed that learnability was kept high throughout. The ambience, on-schedule timings speaks of the painstaking preparations by you and your team, including your ever-active students.

You and Bharat Mata college deserves a huge kudos to have accomplished this one-of-a-kind program, from thought to finish - powered by your vision and your team's execution.

Thank you for giving me a good foundation in AI/ML concepts. We are offering a 'Sentiment Analytics' tool to our clients, which possess an LLM/Aspect Matching based analytics engine. I shall adapt it for higher market penetration with these learnings.

You may reach out to more industry professionals for next event. I shall be ready with my endorsement!

Best regards
Jimmy George
+91-98470 58020
Where Marketing meets Technology | https://bygeorge.in/

National Seminar & Workshop On AI & ML
aadhil, Abhiram, Aleena, Alfin, Ananda, ANCY, Angelo, Añtönio, Arun, Athul, Ayswar...

Kudos on a superb AI seminar! Topics, speakers, and sessions were top-notch. The seamless execution by your team and students at Bharat Mata College deserves applause. Thanks for a solid foundation in AI concepts. Very informative and excellent sessions.

Thank You Sir 🙏. Greeshma K V

10:51