DEDICATED LINK ON ACET OFFICIAL WEBSITE (LEAD ZONAL PARTNER under leadingindia.ai)

Amritsar College of Engineering and Technology, Amritsar has joined hands with leadinngindia.ai initiative as Lead Zonal Partner in collaboration with Bennett University, Greater Noida. A nation-wide initiative on "AI and deep learning Skilling and Research" was approved by Royal Academy of Engineering, UK under Newton Bhabha Fund. University College, London, Brunel University, London and Bennett University, India are collaborators of the project. NVIDIA and AWS Educate, Videoken and Edvantics are industry partners. The project will have approximately 10 collaborator institutions, 100 Lead zonal partners and 1000 basic partner institutions, 10000 teachers and 1000000 Students. Amritsar College of Engineering, Amritsar is amongst one of its Lead Zonal Partners with a team of 10 members from various departments. The main problem area targeted by the team at ACET is Agriculture and to bring revolution by exploring the use of AI and Deep Learning to uplift agricultural practices and hence the life and economy of country.

TEAM MEMBERS:

LEAD PERSON : ER. AMARPREET SINGH, HOD (CSE)
FACULTY SELECTED FOR THE RESEARCH GROUP
DR. V.K. BANGA, PRINCIPAL

DR. RAJNEESH ARORA, MD

ER. SANDEEP KAD, REGISTRAR

ER. VINOD KUMAR, HOD (MCA)
ER. ATUL MAHAJAN, ASSOCIATE PROFESSOR
ER. NAVLEEN KAUR, ASSISTANT PROFESSOR
MR. AMIT SINGH, ASSISTANT PROFESSOR
ER. PRIYA SHARMA, ASSISTANT PROFESSOR

ER. MADHAVI, ASSISTANT PROFESSOR

EVENTS AT ACET UNDER leadingindia.ai INITIATIVE
i. **AWARENESS PROGRAMME: INVITED TALK ON DIGITAL AGRICULTURE ON 28TH AUGUST, 2018 BY DR. V.K MEHAN (HOD, DEPTT. OF AGRICULTURE)**

Amritsar College of Engineering & Technology in association with Leadingindia.ai organized a one day seminar cum workshop on '**Digital Agriculture'** in college premises. The aim of the

event was to endow faculty members and students with the industry-driven artificial intelligence and deep-learning tools to cater solutions to problems of Agriculture sector.

This initiative is taken by Bennett University, Greater Noida and Brunel University, London. ACET being a leading Zonal Partner is aspiring to inculcate this technology for the benefit of our farmers and the country. More than 60 students and faculty members from various departments marked their presence in the awareness program. Students also showcased their efforts through mini projects. Dr V K Banga(Principal) , Er. Amarpreet Singh (Head, Department of CSE) and Dr. V K Mehan (Head, Department of Agriculture) briefed the students about the role played by AI in tackling problems in the agriculture. They emphasized that, these kinds of project are first of its kind which aims to train and support collaborated research groups working in different critical areas to solve some of the problems in Agriculture field.

A prototype showcased by a student on automatic watering system for plants, based on external environmental factors, had grabbed the attention of audience, as it reflects the power of artificial intelligence to improve agricultural practices

एसीईटी में लगाई डिजीटल एग्रीकल्चर वर्कशाप

अमृतसर वि. : अमृतसर कॉलेज आफ इंजीनियरिंग एंड टेक्नोलोजी ने कालेज परिसर में डिजीटल एग्रीकल्चर पर एक दिवसीय संगोष्ठी व कार्यशाला का आयोजन किया। कार्यशाला का उद्देश्य कृषि क्षेत्र की समस्याओं के समाधान था। विद्यार्थियों ने मिनी परियोजनाओं के माध्यम से अपने प्रयासों का भी प्रदर्शन किया। विद्यार्थियों की प्रस्तुति की सराहना की गई।

वर्कशाप को संबोधित करते हुए वक्ता ● जागरण

अमृतसर कॉलेज ऑफ इंजीनियरिंग एंड टैक्नोलॉजी में डिजीटल एग्रीकल्चर पर कार्यशाला

अमृतसर, 30 अगस्त (वढेरा): अमृतसर कॉलेज ऑफ इंजीनियरिंग एंड टैक्नोलॉजी ने अग्रणी परिसर ई के सहयोग से कॉलेज परिसर में डिजीटल एग्रीकल्चर पर एक दिवसीय संगोष्ठी कार्यशाला का आयोजन किया। कार्यशाला का उद्देश्य कृषि क्षेत्र की समस्याओं के समाधान के लिए उद्योग संचालित कृत्रिम बुद्धि और गहरे सीखने के उपकरण के साथ अध्यापकों और छात्रों को रू-ब-रू करवाना। यह पहल बेनेट विश्वविद्यालय बोयडा और बूनल विश्वविद्यालय लंदन द्वारा ली गई है। एसीईटी एक अग्रणी जोनल पार्टनर है जो इन किसानों और देश के लाभ के लिए इस तकनीक को विकसित करने की आकांक्षा रखता है। विभिन्न विभागों के 60 से अधिक छात्रों व अध्यापकों ने जागरूकता कार्यक्रम में अपनी उपस्थिति चिह्नित की। छात्रों ने मिनी परियोजनाओं के माध्यम से अपने प्रयासों का भी प्रदर्शन किया।

कार्यशाला के दौरान प्रिंसीपल डा. वी.के बंगा, एचओडी इंजी. अमरप्रीत सिंह, डा. वी.के मोहन।

इस मौके पर प्रिंसीपल डा. वी.के बंगा, एचओडी इंजी. अमरप्रीत सिंह, हैड एग्रीकल्चर डा. वी.के मोहन ने कृषि में समस्याओ का सामना करने में एआई द्वारा निभाई भूमिका के बारे में छात्रों को जागयक किया।

उन्होंने जोर दिया कि इस तरह की परियोजना अपनी तरह का पहला है जिसका उद्योग कृषि खेत्र में कुछ समस्याओं के हल करने के लिए विभिन्न महत्वपूर्ण क्षेत्रों में काम कर रहे सहयोगी अनुसंधान समूह प्रशिखित करना और उनका समर्थन करना है। बाहरी पर्यावरणीय कारको के आधार पर पौधों के लिए स्वचालित जल प्रणाली पर एक छात्र द्वारा दिखाए गए प्रोटोटाइप ने श्रोताओं का ध्यान आकर्षित किया है, क्योंकि यह कृषि में सुधार के लिए कृत्रिम बुद्धि की शक्ति को दर्शाता है।

ii. The student members of the team attended a Webinar on 4th September on "**Gain competitive advantage with Centre of Excellence(CoE) Lab on AI/MI**"from 3pm to 4pm.

iii. **TWO DAY WORKSHOP ON "IOT AND DRONES" BY DR. GAURAV SINGAL AND DR. SUNEET KUMAR GUPTA FROM BENNETT UNIVERSITY**

Department of CSE, IT , ECE and DCA in collaboration with BENNETT University, Greater Noida organized a workshop dedicated to the topic "Internet of Things (IOT) Drones" at ACET, Amritsar on 22nd & 23rd Oct. 2018. Approximately 100 (students, faculty of ACET and other colleges) discussed the regulatory implications and solutions that might be required to ensure a large-scale and sustainable IoT roll-out that delivers significant benefits to citizens and consumers across several industry sectors. The workshop provided an extensive overview of various IoT business models, opportunities and practical examples. IoT could bring benefits for individuals, businesses and society as a whole. Dr Gaurav Singh and Dr. Sumit were the Keynote Speakers of the workshop. Dr Gaurav Singh and Dr. Sumit encouraged the students by saying that each person can grow up to become a great leader, but sometimes people fail to realize who they really are and what exactly are they meant to be. They emphasis that this workshop is mainly aimed to create awareness on IOT by giving Hands-on experience of building an IOT application. In the ensuing presentation, the Keynote Speaker explained the comprehensive details of IOT. The basics were conveyed in a simple language easily comprehended by the students. He further narrated the technical details related to the aspect of coding. Managing

Director Dr Rajneesh Arora, along with Principal, Dr. V K Banga , Deans and Heads of various departments congratulated students and motivated to be more updated with industry demands.

1. **ACET AMRITSAR INVITES INSTITUTES TO BECOME BASIC PARTNERS IN leadingindia.ai INITIATIVE**

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Furthermore in order to avail this opportunity you are required to send the information given in Annexure-2 on your institution letter head to become the basic partner.

2. **LINK ON ACET OFFICIAL WEBSITE TO DIRECT AUDIENCE TO LEADINGINDIA.AI OFFICIAL WEBSITE**
   https://leadingindia.ai/