72

![JECRC logo]

**JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE**

Ref: 537   Date: 16.4.18

To Whomsoever It May Concern

Subject: Support Letter for Partner

Application title: Making "Deep Learning and AI skills" mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research.

The objective of the project are of great relevance to us because it is unique in its ambitions. Deep Learning, Machine Learning and Artificial intelligence are increasingly becoming the must-have skills for faculty, students and researchers in different engineering domains. Our institution is aspiring to inculcate this technology for the benefit of our stakeholders and the country.

We are pleased and excited to work with Prof. Deepak Garg for successfully executing this initiative. We understand that Bennett University has a great supercomputing infrastructure and accomplished faculty, which will of high value for this engagement.

Our faculty will get trained on futuristic technologies which in turn will help us to train our students.

We will be bound by the guidelines given in the proposal sent by Project lead.

Institutional Information

# Years institution has been in existence:	Established in the year 2000, 18th year of existence
# students and staff(faculty) (Only Number):	Total Students – 4213 Total faculty - 207
Indicators of track record (rankings, awards etc: 2-3 Lines):	Green Revaluation Award by ICCE supported by United Nations Framework convention on Climate change, Award of appreciation at Principal's & Teacher's meet – 2017 by the Institute of company secretaries of India, Top Campuses of RTU for eduDESTINATION Awards by Re:think india, 8th Top Engineering College in North Zone and Top 55th Engineering Colleges in India out of Top 100 – The Week Hansa, 79th Rank amongst Top 100 Engineering Colleges in India – Outlook, Best (1st Rank) Private Engineering College of Rajasthan – Dialogue India
Link to website for engineering faculty:	www.jecrcfoundation.com
Details about the institution which should justify the capacity and capability of the institution to become a collaborator of this initiative.	College is working since 18 years, top-most preferable college in the Rajasthan, highly qualified faculties, sufficient number of latest labs with equipments, conference rooms, class rooms, Lecture Theatres, workshops, Auditoriums.

Dr. Vinay Kumar Chandna
PRINCIPAL

72
18-2-18

Bhavna JECRC   12:15 PM (1 hour ago)

to HoD, HoD, HoD, HoD, HoD, HoD, HoD, HoD, HoD, me

Dear All

JECRC is the Zonal Partner with Royal Academy of Engineering,UK under Newton Bhabha Fund has approved a nation wide initiative on "AI and deep learning Skilling and Research" . University college, London, Brunel University, London and Bennett University, India are collaborators of the project.

Objectives of the project is to motivates Students and faculty members to do innovations in this area and connect them with the real-life problems of the industry. The project will expose the faculty members and students to the different new ideas, innovations and unexplored dimensions. It will usher in bringing quality research culture, team thinking and solving real issues.

This is to inform you that we require more faculty members to be added to this research group.

We request you to forward the names of those faculty members who are interested in this area and are interested to join this group
(preference will be given to those who have done some certification in this area)

Those who will nominate themselves will have an interaction with Principal Sir and then the names will be finalized.

Thanks and Regards

Dr. Bhavna Sharma
Associate Professor
CSE Department
Jaipur Engineering College & Research Centre
Jaipur

Regarding Deep Learning and AI project at JECRC in association with Bennett University Noida

Inbox   x

Bhavna JECRC   2:43 PM (7 minutes ago)

to hrd, hod.it, me

JECRC is the Zonal Partner with Royal Academy of Engineering,UK under Newton Bhabha Fund has approved a nation wide initiative on "AI and deep learning Skilling and Research" . University college, London, Brunel University, London and Bennett University, India are collaborators of the project.

Objectives of the project at JECRC is
to initiate, sustain and nourish research groups in Artificial Intelligence. The Project motivates
Students and faculty members to do innovations in this area and connect them with the real-life problems of the industry.

Overall outcome of project is to connect institute with Industry for live projects and helping students to better prepare for the industry-required skills.

The project
will expose the faculty and students to the different new ideas, innovations and unexplored dimensions.
It will usher in bringing quality research culture, team thinking and solving real issues.

Students will get expertise in both technology as well as in problem domain and
understand the practical challenges experienced in Deep Learning and AI development and learn best practices in building applications.

Thanks and Regards

Dr Bhavna Sharma

NVIDIA-BENNETT RESEARCH CENTRE
FOR ARTIFICIAL INTELLIGENCE

Prof. Deepak Garg
Head : NVIDIA-Bennett Research Centre for Artificial Intelligence
www.gdeepak.com

BENNETT
UNIVERSITY
TIMES OF INDIA GROUP

Date : 02-04-2018

Dear Dr. Vinay Kumar Chandna
Principal, Jaipur Engineering College and Research Centre, Jaipur, Rajasthan (India)

It is my pleasure to inform that Royal Academy of Engineering, UK has sanctioned a project titled *"Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research"* worth £ 3,39,000 GBP. The project start date is 02 April, 2018 and end date is 30 April, 2020.

University College London and Brunel University are our UK partners. NVIDIA, Videoken, Edvantics and AWS Educate unit of Amazon are our Industry Partners.

As per the project structure there are Zonal Partners spread across different states of India, who will be lead institution for 10 more institutions in their surrounding geographical area. As part of this Initiative a five member research group on AI will be established with planned and defined outcomes.

We appreciate the letter of support given by your institution. The obligations and benefits of each Zonal partner are being circulated in a separate sheet.

This document notifies your institution as a Zonal Partner and Dr. Vinay Kumar Chandna as Lead Contact from your institution.

Any change in Lead Contact should be duly informed. Any defaulting behaviour on key aspects of the projects may lead to the cancellation of Zonal Partner status.

We are continuously trying to further upscale the project in terms of funding, partners and resources. Your continuous involvement will be key to making this project as a key milestone in Artificial Intelligence Revolution in India and also enable your institution to excel.

With sincere regards

Prof. Deepak Garg

Title: Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research

Abstract

Project will train 2500 faculty of 250 institutions in India through 25 Lead institutions chosen from different Geographic regions of the country. 25 institutions will follow up with a research group, which will be mentored to do short and long term research in the area of Machine Learning. Start-ups and industry involved in the Artificial Intelligence related work will partner for providing application-inspired ideas and absorbing the trained graduates of these institutions. Project has the potential to change the landscape of AI Research in India. Due to the Interdisciplinary nature of applications in this domain, the impact will percolate to all the Engineering departments of the institutions. Outcome of the project will be tangible in terms of quality manpower for the skill-scare industry and strategic partnership between industry-academia apart from few spin-offs due to this initiative.

Keywords: Machine Learning, Artificial Intelligence, Deep Learning, Neural Networks, Data Science, Computer Engineering

Start Date: 02 April, 2018
End Date : 31 March, 2020

Three main objectives for the exchange.

1. To make cutting edge skills and supercomputing infrastructure available to the wider community of academicians and researchers through a thoughtfully created network of 25 lead institutions across India.

2. To initiate, sustain and nourish research groups in the area of Artificial Intelligence. Based on the financial inputs by respective institutions, some of them can grow as a good research center.

3. To motivate the learner community for exploiting the potential of start-ups and innovations in this area and connecting them with the real-life problems of that industry is trying to solve.

Overall it will enhance the content, quality, capacity and collaboration of Indian Engineering education ecosystem.

What is the technical and national context of your collaboration and what makes it unique?

World is on the cusp of a revolution with regard to new possibilities in AI and Machine Learning. Deep Learning is being used to solve many critical healthcare related issues apart from other important areas that impact society.

India has aspiring young students in thousands of Technical institutions in the country. Due to lack of quality faculty and curriculum design issues many of these students are not able to get access to latest skill sets required by the industry. 2-Tier and 3-Tier Institutions are also looking for hand holding to get started in the latest areas of research and to work with some of the industry in their area.

Bennett University (Lead Institution) is uniquely poised in this domain as it has become the first institution in the country to have a world-class Supercomputing lab with NVIDIA DGX-1 V100 which

is the fastest machine made by NVIDIA for Deep Learning. It also has a very active research group called MISHA (Machine Intelligence for Smart Places and Health Care Applications). University has agreed to share its resources for the benefit of the nation to different stakeholders of Engineering Education. It will in turn help the University to be one of the leaders in AI research in the country.

Industry all over the world is facing huge scarcity of trained manpower in the area of machine intelligence. Companies working in autonomous vehicular industry, Advanced data science, image processing, Video analytics are short of talent. The whole spectrum of applications important for our planet are waiting for new innovations and ideas due to this buzz around deep learning.

The project will help bring India to a prominent place in the field of AI manpower and research.

What are the expected outcomes and impacts of the project for your Department, University and the wider engineering community and general public in your country?

Expected Outcomes

1. 2500 trained people in Artificial Intelligence who in turn will be helping to train around 250000 Students every year.

2. 25 Research Groups working in different critical areas to solve some of the pressing problems in front of mankind.

3. 250 institutions connected with Industry for live projects and helping their students to better prepare for the industry-required skills.

4. Marked improvement in the quality landscape and skill gap which will result in an overall buoyancy in the Indian higher education system to bring it at par with International standards

Impact of the project for Lead department and the University

1. University will feel obliged and privileged to contribute in the progress of the higher education system of the nation.

2. Department will be poised to occupy the leadership position in the Machine Learning Research across the country.

3. Department and University will be able to create a sustainable network of stakeholders who can be further energized for different initiatives.

4. It will help to bring out quality publications, Thesis and other artefacts of Research.

5. It will help us to further apply for additional funding in the advance areas of Research.

6. It will expose our faculty to the different new ideas, innovations and unexplored Geography.

7. Our association with Industry and UK partners will be further strengthened and will create a long-lasting bonding.
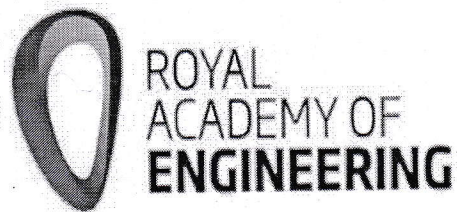
Expectations from the UK Partner

1. UK partner will be providing Collaborative support in terms of Technical and Research aspects of the project. The expertise of the University in machine learning will help the project to design the content of the training.

2. UK Partner will also help in strategizing the growth of Research Groups in different Lead institutions.

3. UK Partner will visit in one or more of the workshops to interact and be an expert speaker in the workshop.

4. Depending on availability of funds Few people from the Lead institution can visit UK for a wider discussion and can widen the collaboration in other areas and strengthen International Collaboration.

5.   UK partner will be involved in Quarterly Web calls for reviewing the progress of the Project.

Expectations and benefits from Industry

1. Industry involvement in the project will help to keep the technical content of the workshops to the mark and Industry will be able to pin point any ongoing updation in the field.
2. Industry will be able to connect with this consortium of institutions for a win-win regarding their Intern or hiring requirements in this skill-scare domain.
3. Industry will support the project with few live projects to enrich the quality of the projects students are doing in the institutions.
4. Industry will get the promotions in all the communications, events, conferences, workshops of the project.
5. Industry will be expected to spare speakers/mentors based on mutual convenience and consent.

ROYAL
ACADEMY OF
ENGINEERING

BENNETT
UNIVERSITY
TIMES OF INDIA GROUP

UCL

Brunel
University
London

Andhra Pradesh State
Skill
Development Corporation

AICTE
योगः कर्मसु कौशलम्
All India Council for Technical Education

aws

Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research
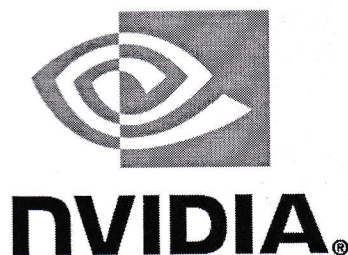
Leadingindia.ai

NVIDIA.

Edvantics

VideoKEN

Table of Contents

Abstract

Project will train 10000 faculty/professionals of 1000 institutions in India through 100 Lead institutions chosen from different Geographic regions of the country. 100 Lead institutions will also setup a research group, which will be mentored to do short and long-term research in Machine Learning, AI and Deep learning. Start-ups and industry involved in the Artificial Intelligence related work will partner for providing application-inspired ideas and absorbing the trained graduates of these institutions. Project has the potential to change the landscape of AI Research in India. Due to the Interdisciplinary nature of applications in this domain, the impact will percolate to all the Engineering departments of the institutions. Outcome of the project will be tangible in terms of quality manpower for the skill-scare industry and strategic partnership between industry-academia apart from few spin-offs due to this initiative.

Keywords

Machine Learning, Artificial Intelligence, Deep Learning, Neural Networks, Data Science, Computer Engineering, Innovations, Inter-Disciplinary Research, Industry-academia Interaction, entrepreneurship

Wider Impact for the Community

The Project has inbuilt ingredients for engaging wider engineering community including people from professional Organizations, Industry and Consultant Networks. There is an immediate need to expand the number of people who can innovate and sustain the ongoing revolution in Artificial Intelligence Applications. This can be achieved if there are more institutions who are willing to adopt the new skills into their ecosystem and produce more trained professionals.

Along with this they should usher into new age research which will help to bring a buoyancy into their overall motivation and confidence to bring more quality and progressive practices for a systemic change. This will also bring the partnering Institutions to interact with each other and make broader groups to handle the pressing problems in this domain. The flow of knowledge, innovation and skills will be two ways involving the Engineering Community and academic institutions.

Public will be benefitted as many of them will be the stakeholders in these activities and will be benefitted indirectly. The trained individuals will get good jobs and will bring benefits to their families and the wider community. The applications that may get developed through the inputs from the Research Groups will be of great relevance for the public. It will also help in bringing an incremental change in the Indian economy in the medium and long term.

Role of UK Partner

1. UK partner will be providing Collaborative support in terms of Technical and Research aspects of the project. The expertise of the University in machine learning will help the project to design the content of the training.
2. UK Partner will also help in strategizing the growth of Research Groups in different Lead institutions through the team led by Prof. Deepak Garg.
3. Depending on availability of funds Few people from the Lead institutions can visit UK for a wider discussion and can widen the collaboration in other areas and strengthen International Collaboration.
4. UK partner will be involved in Web calls for reviewing the progress of the Project through the Core team at Bennett University.

Role of Industry

1. Industry involvement in the project will help to keep the technical content of the workshops to the mark and Industry will be able to pin point any ongoing updation in the field.
2. Industry may be able to connect with this consortium of institutions for a win-win regarding their Intern or hiring requirements in this skill-scare domain.
3. Industry will support the project with few live projects to enrich the quality of the projects students are doing in the institutions.
4. Industry will get the promotions in all the communications, events, conferences, workshops of the project.
5. Industry will be expected to spare speakers/mentors based on mutual convenience and consent.

Different Categories of Association with us

Partner Category (Lowest Level Category)

Initial level of exposure, No financial commitment, No research Component

Lead Zonal Partner (Leading 10 partner Category Institutions) (Medium Category)

Self-sufficient, Extensive research involvement, continuous Assessments and reviews, Local leadership

Collaborator (Highest Level Category: Leading 10 Lead Zonal partner/100 partner Institutions)

National Leadership and visibility, Unlimited opportunities, Unlimited access and benefits

21. To help the institutions to include Deep Learning and AI courses in their elective courses
22. To conduct International Conference and Industry Conclave, where the people from Zonal Partners will be able to get 40% discount in registrations.
23. Lead Zonal Institution will be a representative of 10 partner institutions near its location.
24. Lead Zonal Institution will be a better institution for stakeholders such as students, parents and society in comparison to other institutions

Optional and additional Offerings that can be availed by the Lead Zonal Institutions and will require extra commitments form the institution

25. Research and Academic audit of the departments to go to next level of excellence with a time bound and planned way
26. Follow up workshops in research design, MOOCs Design, Advance algorithm, Big data analysis etc.
27. Conducting Quality international events at their institutions
28. International Collaborations and partnerships

Expectations from the Lead Zonal Institution (Mandatory)

1. Selecting At least five good faculty who have relevant exposure and motivation for the Research Groups to be set up in the institute
2. Sending these five faculty to nearest location as per the training calendar that will be circulated. The travel and stay of these faculty needs to be taken care by the institution.
3. Reducing the teaching load of these faculty members, so that they can give proper time for the progress of research group and the project objectives
4. One Lead Person will be leading the research group in AI/Deep Learning at respective institution. Lead Person will be the single point of contact for everything related to the project. Lead person should have flexibility and authority to take decisions related to the project.

Optional Things that can be done by the Lead institutions, if they are interested (Not mandatory)

5. Based on the mutual consent of the institution and the project team if the training Workshop is planned at lead zonal institution then the Venue of the workshop should be Equipped with High Quality Projector, Audio System, Wi-Fi System with the bandwidth that can handle at least 100 people accessing the remote cloud/server at the same time in that workshop Venue, A Lab or set of labs with 100 Systems with Internet connection and good configuration

11

Benefits of Becoming a partner (Lowest Level Category)

1. Two of your faculty members will get the training in the workshop being held near your institution without any registration cost.
2. These Trained faculty members can help the institutions in furthering the objective of the project as per their capacity
3. Partner institutes will be recognized in the website of the project
4. It will help the institutions to understand the value of AI and deep learning technologies
5. Those institutions who think that they lack in quality faculty and quality infrastructure should go for this category of partnership
6. There is no cost involved to become a partner
7. At a later stage, you have a chance to become Lead Zonal Partner based on the feedback of the trained faculty
8. Trained faculty can come for sabbatical at our Supercomputing lab after paying the requisite fee
9. Students can come for internship based on our criteria of selection

Expectations from a partner institution

1. Two faculty members from your institution needs be sent to the training on deep learning at one of the locations. Training calendar will be circulated. Travel and stay of these two faculty members needs to be taken care by the institution.
2. Additional faculty can be trained but for that registration for each extra faculty needs to be paid, which will be circulated later.

Approximate Cost being incurred by the initiative for partner institution

Cost is basically being incurred in training resources for partner institutions. Equivalent training by Industry leaders (like NVIDIA DLI etc.) costs a significant amount. Through the project funding the indirect cost being incurred by us is close to 60000 INR.

Cost to be paid by the partner institution: NIL

13.   Any new opportunities/funding in the project will first come to these institutions.

Expectations from Collaborator

Total commitment from top management to work towards making their institution as one of the national leaders in AI and Deep learning and committing resources and manpower to make it happen. It will require passion and perseverance of highest level to keep the spirit of the initiative.

Approximate Cost being incurred by the initiative for collaborators

Opportunities and benefits to Collaborating institutions are endless and invaluable. Still if we take an initial and conservative estimate of the resources (Human, training, hardware, remote access), it will be close to 50,00,000 INR (50 Lacs Only) (for all points given above from 1-13). The amount is being heavily discounted for this project due to contributions from our Funding agency and Industry partners.

Cost to be paid by the Collaborators: 10 Lac Only (One time and Non-refundable)

Our advice will be that those institutions who have doubt about the capacity of their faculty in doing high quality research should not go for this category. The institutions going for this category should have a management level commitment as it will require a very close interaction and working with my team to uplift the overall research quotient of the institution in AI and Deep learning. The challenges and opportunities in this level of collaboration are very high. One of the ways can be to go for Lead Zonal institution and after few months revising the category to Collaborator.

Institutions desirous of becoming Collaborator should discuss with us before making the payments as we will only like to collaborate with institutions who have some strengths and have the potential to grow as per our expectations.

Important Information

Bank details
Beneficiary name: Bennett University
Bank name: Kotak Mahindra Bank
Bank Address: Harsha Mall , Alpha 1 ,Commercial Belt ,Greater Noida,201308,U.P.
Account type: Saving
Account Number: 0111845583
IFSC Code : KKBK0005028
MICR Code : 110485062

Last date of Sending the Support Letter-Page1 (For Partner Institutions: 30th April, 2018) Better to send as early as possible. No Payment.

Last date of sending Support Letter-Page2 and payment (only online transfer mode) For Lead Zonal Institutions: 30th April, 2018
2-4 Page CV of the lead contact should also accompany the Letter of Support.
Payment: One Lac Only

Last date of sending Support Letter-Page3 and payment (only online transfer mode) For collaborators: 30th April, 2018
2-4 Page CV of the lead contact should also accompany the Letter of Support.
Payment: Ten Lac Only

Institutions from Andhra Pradesh should also keep APSSDC in loop.

Fwd: Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research

Inbox   x

Registrar JECRC   2:12 PM (20 minutes ago)

to me

Regards

R.S. Agarwal | Registrar | JECRC Jaipur

Ph:- +91-141-2770232 | Ext. 204 |+91-9460117479 | Email: registrar@jecrc.ac.in **| Website:-** www.jecrcfoundation.com

Address: JECRC Campus, Opp. EPIP Gate, Behind Bharat Petroleum Depot, Nr. Sanganer Sadar Thana, Tonk Road, 302022, Rajasthan, India

---------- Forwarded message ----------
From: **AICTE no-reply** <aicte.admin@aicte-india.org>
Date: Wed, Apr 11, 2018 at 1:37 PM
Subject: Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research
To: Contact Person <registrar@jecrc.ac.in>

Dear Sir/Madam,
Royal Academy of Engineering, UK; NVIDIA, Amazon, University College London and Brunel University has funded a big initiative named as Making Deep Learning and AI skills mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research.Already, 30 institutions areregistered as Zonal Partner of this project, who will take care of 10 more institutions in their surroundings. Under his project there is a provision for 50 more institutions who will like to be Zonal partners.
In this Connection please find the attached the letter from Honorable Chairman, AICTE regarding participation from the interested institutions.
Main objectives of the initiative
1. To make cutting edge skills and super computing infrastructure available to the wider community of academicians and researchers through a thoughtfully created network of 100 lead institutions.
2. To initiate, sustain and nourish research groups in Artificial Intelligence. Some of them can grow as a good research center.
3. To motivate the learner community for exploiting the potential of start-ups and innovations in this area and connecting them with the real-life problems of that industry is trying to solve.
Overall it will enhance the content, quality, capacity and collaboration of Engg education ecosystem.

Research Groups Working will encompass the following points
1. Training Workshops on Deep Learning and Machine Learning
2. National Conferences to engage wider community
3. Project competitions in the areas of AI and Machine Learning
4. Symposiums and Visits of Eminent People in AI
5. These Research group will apply for additional funding from different schemes and also explore the possibilities of private funding, Industry support
6. Depending upon the deliverables; groups may be partially supported by respective institutions
7. High quality and indexed Journals and Conference publications
8. Phd and MTech Student Co-advising
9. Research Sabbaticals for members of Research Group
10. Research oriented student projects will become feasible for Senior Years in UG
11. Industry-oriented capstone or senior-design projects may be taken up
12. Industry Visits and orientation will be felicitated
13. Industry will work on few applications of mutual interest with these research groups
14. It will help in defining some recent and critical research problems for the research groups
15. Research groups will be exposed to different institutions for collaborative work
16. Research groups will be able interact with the UK partner
17. Depending upon their specific research problems they will get access to a wider network of labs and researchers through Bennett University

What you will get as a Lead Zonal Institution (Support and Funding)

1. Funding for Air or Road travel of the resource persons
2. Funding for Hotel stay of the Resource persons

3. Certificates to the workshop participants

4. Funding for Honorarium for the resource persons

5. Training material available on a central repository

6. Event details of your institution in the central systems of social media/Website

7. Assessment of the working of the research groups every month via progress report, Skype Calls, Webinars

8. Assessment of the ongoing Student projects which fall under the domain of the project

9. To help institutions in writing Grant proposals and Workshop proposals for funding of various agencies.

10. To fund the Air travel and stay of the Zonal Partner contact lead for the project meeting(s).

11. To provide 100+ Industry ready student project specifications on its portal

12. To enable the AWS Cloud credits for the teachers and students of that institution as per our understanding with AWS Educate.

13. To Make a centralized database of the trained individuals to have easy access for the industry who is looking for talent in this field

14. To provide technical support to implement different projects by research group

15. To help few instructors to become NVIDIA DLI (Deep Learning Institute) Ambassadors

16. To provide sabbaticals to the faculty at NVIDIA-Bennett Deep Learning Lab

17. To provide internships to the students in summer at NVIDIA-Bennett Supercomputing Lab

18. To Conduct Competitions in Deep learning for the students of these institutions

19. To help the institutions to include Deep Learning and AI courses in their elective bucket.

20. To conduct International Conference and Industry Conclave, where the people from Zonal Partners will be able to get 40% discount in registrations.

21. Lead zonal partner will be providing local infrastructure and hospitality for events (if any) related with this initiative.

प्रो. अनिल डी. सहस्रबुद्धे
अध्यक्ष
Prof. Anil D. Sahasrabudhe
Chairman
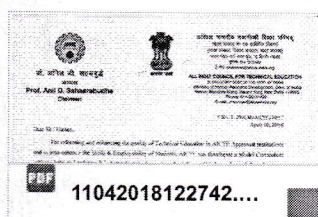
अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक सांविधिक निकाय)
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली–110070
दूरभाष: 011–26131498
ई–मेल: chairman@aicte-india.org

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A STATUTORY BODY OF THE GOVT. OF INDIA)
(Ministry of Human Resource Development, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
Phone: 011-26131498
E-mail: chairman@aicte-india.org
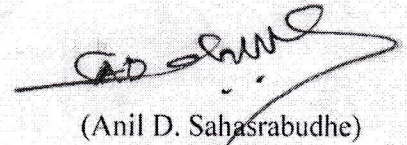
F.No. 1-29/CM/AICTE/2017
April 10, 2018

Dear Sir / Madam,

For reforming and enhancing the quality of Technical Education in AICTE Approved Institutions and to also enhance the Skills & Employability of Students, AICTE has developed a Model Curriculum with the help of Academic & Industry Experts for various disciplines of Undergraduate & Post-Graduate Degree courses in Engineering & Technology and Management. The Model Curriculum has been published in Jan 2018 and is being adopted by various Autonomous Institutions / Universities. The model curriculum has components of AI and Deep Learning.

Bennett University, NOIDA(UP), in partnership with Royal Academy of Engineering, UK; NVIDIA, Amazon, University College London and Brunel University, London, has been funded a big initiative named as 'Making Deep Learning and AI skills mainstream in India by Royal Academy of Engineering, UK to fulfil trilateral needs of entrepreneurship, Industry-Academia partnership and application-inspired Engineering Research'. Already 30 institutions are Zonal Partners of this project. Bennett University is planning to add 50 more institutions as Zonal Partners for the project. The initiative will commence on 1st May 2018 and the last date for becoming lead Zonal Partner is 15th May 2018. Information regarding the objectives of the initiative.

Interested institutes may contact Dr. Deepak Garg, Director, NVIDIA-Bennett Research Lab on Artificial Intelligence at Deepakgarg108@gmail.com or contact at 9815599654 for possible collaboration and train your faculty in the upcoming high end technologies of AI & Deep Learning.

Yours sincerely,

(Anil D. Sahasrabudhe)

To,

All AICTE Approved Institutions (Engg & Technology)

Deep Learning and AI skilling and Research

Tentative Meeting Agenda (17 April 2018)
Venue: Third Floor, Block A, Bennett University, Greater Noida

Time	Activity
8.00 am to 8.30 am	Registrations
08:30 am to 09:10 am	Context setting and introduction
9.10 am to 9.30 am	Aditi Sharma- Royal Academy of Engineering, British High Commission
09:30 am to 10:00 am	Deep Learning in the current scenario from the Microsoft AI leader: Anirudh Koul, Senior Deep Learning Data Scientist
10:00 am to 10:10 am 10.10 am to 10.20 am 10.20 am to 10.30 am 10.30 am to 10.40 am	Dr. Vinit Jakhetiya: Image Quality Assessment Mr. Bal Mukund: Advertisement Fraud Detection Prof. Geroge Ghinea: Brunel University
10:40 am to 10:45 am	Tea/Coffee Break
11:00 am – 11:10 am 11.10 am -11.15 am 11.15 am-11.35 am 11.35 am-11.40 am 11.40 am-11.45 am 11.45 am-11.50 am 11.50 am-11.55 am 11.55 am-12.00 Noon	**Inaugural Session** Dr. Deepak Garg – Head CSE Dr. R Shevgaonkar – VC Bennett, Ex-Director IIT Delhi Dr. Anil Sahasrabuddhe - Chairman AICTE Dr. S.C. Saxena – VC JIET, Ex-director IIT Roorkee Dr. BK Murthy – Senior Director MEITY, GOI Dr. Ghanta Subba Rao, CEO APSSDC Dr. Savita Gupta, Director, UIET, Panjab Univ, Chd Dr. Suneet Tuli – Dean SEAS
12:00 pm to 12:25 pm 12.25 pm – 12.45 pm	Mr. Manav Sehgal, Head, Solution Arch, Amazon India Mr. Unnikrishnan AR, Head, Higher Ed & Res, NVIDIA
12:45 pm to 01:30 pm	Lunch Break
01:30 pm to 02:00 pm	Tour of Bennett Univ and Supercomputing Facility
2.00 pm to 2.45 pm	Operational details of the initiative
02:45 pm to 03:00 pm	Tea/Coffee Break
03:00 pm to 04:30 pm	Brainstorming Session- how this initiative can transform India and scaled to bring an AI revolution
4.30 pm to 5.30 pm	Informal and optional session One to One discussions, Collaboration Time