**Leading India.AI – Research Initiative Bennett University, Noida**

**&**

**AICTE Approved**

**Three days Workshop on**

**AI & Deep Learning**

***28.12.2018 - 30.12.2018***

**Director**

**Dr.Kn.K.S.K.Chockalingam**

**Principal**

**Dr.S.Shanmugavel**

**Team Lead**

**Dr.V.Gomathi,**

Prof.&Head/CSE



**Technical Sponsor**

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**Prof. & Head / CSE**

Bennett University, Noida

Organized by



***Department of Computer Science and Engineering***

***NATIONAL ENGINEERING COLLEGE***

***(An Autonomous Institution)***

***K.R.Nagar, Kovilpatti***

***Thoothukudi District,*** ***Pin:628503***

**ABOUT THE DEPARTMENT**

The department was started in the year 1984. The department is accredited by Tier I Accreditation of National Board of Accreditation (NBA) New Delhi. It has stable well qualified and experienced staff members. This department is fully equipped with modern Hardware and Software accessibility to cater to the academic needs of students and to cater the research aspirants of faculty. The Department has funded projects from DRDO, AICTE, DST, IE(I) and CSI. The Department has organized many sponsored seminars on thrust areas to initiate research activities.

**ABOUT THE PROGRAMME**

 “Making Deep Learning and AI skills mainstream in India to fulfill trilateral needs of entrepreneurship, Industry academia partnership and application- inspired Engineering Research”, Bennett University in tie up with Royal Academy of Engineering UK, Brunel University London, Nvidia, Amazon, have launched “LeadingIndia.AI” research initiative. This 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 departments of the institutions. Outcome of the project will be tangible in terms of its impact to Engineering community and general public.

**BENEFITS TO THE PARTICIPANTS**

* Super-computing infrastructure through Amazon cloud account
* NVIDIA Deep Learning Institute certificate worth $90

**TOPICS TO BE COVERED**

* Foundations and Terminology of Deep Learning
* **Machine Learning Basics**
* **Designing & Optimizing Neural Network Model**
* **Deep Learning Hacks**
* **Convolutional Neural Network**
* **Recurrent Neural Network**
* Image Classification with DIGITS (lab)
* Object Detection with DIGITS (lab)
* Azure Notebook on CNN Transfer Learning and Auto Encoders (lab)
* Hands on workshop on NVIDIA-GPU

**Who all can attend:**  Academicians, Industrialists, Research Scholars and UG/PG students

**REGISTRATION:**

* The workshop cost per faculty is Rs. 7080 including GST
* Those who want to avail 10% discount in the registration fee kindly contact us at csedeepai@gmail.com
* Kindly register yourself with the following link**.**

<https://leadingindia.ai/register>