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Chair, NAIDL-CV 2019

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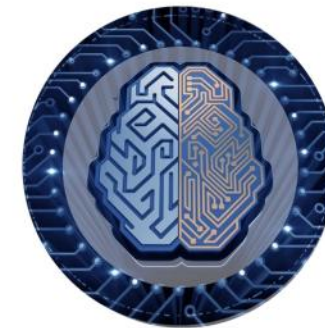
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# Three Day National Workshop on Research Prospects of Artificial Intelligence and Deep Learning in Computer Vision

## (NAIDL-CV 2019)

February 20 - 22, 2019



Organized by

Department of Computer Science and Applications  
**The Gandhigram Rural Institute (Deemed to be University)**

Ministry of Human Resource Development, Govt. of India.

Accredited by NAAC with 'A' Grade (3<sup>rd</sup> Cycle)

Gandhigram - 624 302, Dindigul Dt.

Tamil Nadu, India.

Website: [www.ruraluniv.ac.in](http://www.ruraluniv.ac.in)

## THE INSTITUTE

Gandhigram Rural Institute (GRI) is a unique institution anchored on Mahatma Gandhiji's revolutionary concept of *Nai Talim* system of education. It is one of the Eleven rural institutes in India, founded by the dedicated disciples of Gandhiji Dr.T.S.Soundaram and Dr.G.Ramachandran in 1956. The three dimensional educational model of GRI comprising Teaching, Research and Extension has become a pioneering higher educational model. Duly recognizing the contributions of GRI to rural community, the Government of India, on the recommendation of UGC, conferred Deemed University status in 1976. Today, the institute has developed into a big educational complex with worldwide recognition. The institute was accredited with FIVE STAR status by NAAC in 2002, A Grade in 2010 and 2016.

## THE DEPARTMENT

The Department of Computer Science and Applications was established in 1996 with the mission to provide the highest quality education and professional experiences to the students and the scholars to achieve excellence in their career. The Department offers AICTE approved MCA programme, leading to highly rewarding careers. Besides, the Department also offers research degrees M.Phil. and Ph.D. in Computer Science to strengthen its research dimension. The Department has taken up several sponsored major research projects funded by UGC, ICMR and DST. Due to its research credentials, the department has received funds under UGC-SAP DRS-I (₹ 41 Lakhs) and DST-FIST Level-I (₹ 45 Lakhs). In addition, the department is also a proud recipient of UGC Indo-US 21<sup>st</sup> Century Knowledge Initiative Award under USIEF.

## THE GRIHAA & LEADINGINDIA.AI

As a new initiative in academics and research, The Gandhigram Rural Institute has become a Lead Zonal Partner of the nationwide initiative *Leading India in Artificial Intelligence & Deep Learning Skilling and Research* launched by Royal Academy of Engineering, UK in collaboration with Bennett University, Greater Noida, New Delhi, AICTE and Industry partners - NVIDIA, Edvantis and Videoken. Prof. Deepak Garg, Head, Department of Computer Engineering, Bennett University is the Project Director of this innovative project. It is further popularised by AICTE by recommending its affiliated institutions to join this venture.

Under the patronage of Dr.S.Natarajan, Vice-Chancellor, GRI this partnership was initiated. As the first action point of becoming a Lead Zonal Partner, a research group GRIHAA (Gandhigram Research Incubator on Health Care and Agriculture Applications) has been formed with five faculty members of Department of Computer Science and Applications, Dr.M.Mary Shanthi Rani being the Lead Contact of this research group. The group identified the core research areas as Health care and Agriculture for developing applications and products using Artificial Intelligence.

## THE WORKSHOP OBJECTIVES

This Workshop intends to

- ☞ Provide hands-on training on Machine Learning (ML) & Deep Learning (DL) architectures and frameworks using Python Programming, in order to enable the participants to formulate data analytics projects and products;
- ☞ Provide exposure on the applications of Computer Vision, Machine Learning and Deep Learning techniques; and
- ☞ Create opportunities for budding researchers to explore the promising avenues of research in ML & DL.

## IMPORTANT DATES

**Registration Deadline : 10.02.2019**

**Workshop Dates : 20.02.2019, 21.02.2019 & 22.02.2019**

## TOPICS TO BE COVERED

- ☞ Introduction to Deep Learning and Computer Vision
- ☞ Hands-on Python Programming Basics
- ☞ Deep Learning Architectures for Computer Vision
- ☞ Deep Learning using Python programming

## REGISTRATION

Academicians	- ₹ 750 /-
Research Scholars	- ₹ 600/-
Students	- ₹ 300/-
Others	- ₹ 1000/-

Registration form and the mode of payment of Registration Fees are available at our University Website.

Registration fee includes the kit, lunch and refreshments.

## ACCOMMODATION

Accommodation will be provided at the University Guest House on the first come first served basis, at an extra cost.

Non A/C Room	- ₹ 200 per Day
A/C Room	- ₹ 500 per Day
A/C Deluxe	- ₹ 800 Per Day

For more details visit: [www.grihaa-gri.co.in](http://www.grihaa-gri.co.in)

[www.ruraluniv.ac.in/new?content=events](http://www.ruraluniv.ac.in/new?content=events)