

SHORT TERM COURSE ON
**THEORETICAL FOUNDATIONS OF
ARTIFICIAL NEURAL NETWORK**

01st - 05th January 2019

About Course

This programme is aimed to bring professionals, researchers, faculty members, experts and students together on a single platform to discuss the theoretical foundations of Artificial Neural Networks and its real life applications. The main objective of the STC is to provide fundamental and practical knowledge in these latest research fields so as to enable participants to solve real world problems. The various topics to be covered in this FDP are as follows:

- Introduction to Artificial Neural Network
- Basic Neural network models
- Supervised and Unsupervised Learning
- Pitts model
- Single Layer and Multilayer Perceptron
- Back Propagation Training Algorithm
- Associative Memory
- Stability Analysis
- Neural network applications
- Introduction to Deep Learning

Resource Person

Mr. Anil Kumar S is currently pursuing PhD in IIT Madras. He has completed M.Tech from NIT Calicut with Gold Medal in the year 2015 and B.Tech from Cochin University College of Engineering(CUSAT). He received Best Teacher Award in the year 2007 at RIT Pampaday.

Registration Fee

for faculty members : ₹ **1200**

for students : ₹ **1000**

Contact

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Accommodation will be provided on payment basis.



Registration Link



<https://goo.gl/65VVdV>

About Institution

Vidya Academy of Science & Technology (VAST) is a state-of-the-art engineering college conforming to international standards. This model engineering college is approved by AICTE vide approval NO./06/ KER/ENGG/2002/91 dated 12/05/03 and affiliated to APJ Abdul Kalam Technological University and the University of Calicut. In few years VAST has evolved and achieved recognition as a notable School of Engineering with its competent and committed faculty, high quality infrastructure and high technology teaching aids, and by providing a serene atmosphere that complements academic life. VAST has a holistic approach to education where academic training goes hand in hand with offerings that develop the body, mind and soul to prepare its graduates to be future leaders.

About V-CAIR

V-CAIR (Vidya Centre for Artificial Intelligence and Research) has been formed to promote the Vidya Zonal Lead Partnership with leadingindia.ai which is a nation-wide initiative on AI Skilling and Research with an object of Transforming India Next revolution in providing AI man power to the world.

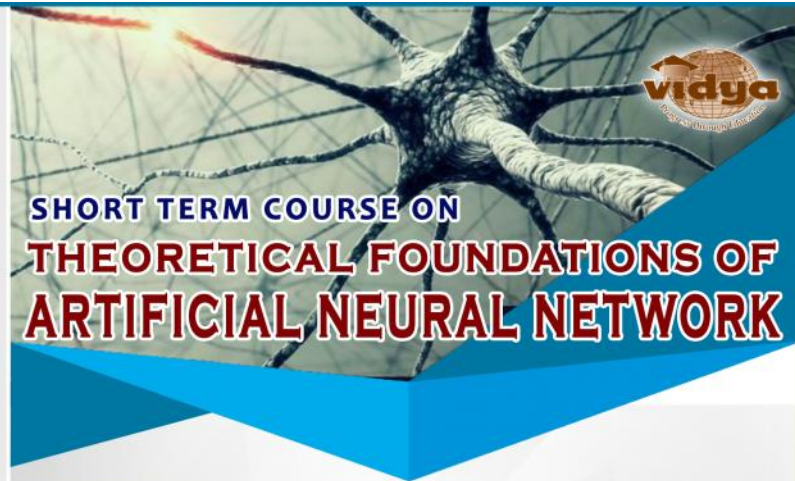
V-CAIR Vision

Progress through research and education in Artificial Intelligence and thereby transforming the nation.

V-CAIR Mission

To promote research and innovation in Artificial Intelligence and to foster collaboration with Academia, Industries & Start-ups.

To develop the skills of next generation in Artificial Intelligence for the betterment of society.



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Resource Person

Mr. Anil Kumar S

Research Scholar at IIT, Madras

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Organized by

**Vidya Centre for Artificial Intelligence and Research
V-CAIR**

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