

## REGISTRATION

Five Days Faculty Development Programme on

"Machine Learning with Python – A Complete Hands on Approach"

7<sup>th</sup> January - 11<sup>th</sup> January 2019

Name: Dr./Prof. \_\_\_\_\_

Academic Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Name of the Institution: \_\_\_\_\_

Communication Address with PIN code: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Transaction No: \_\_\_\_\_ Date: \_\_\_\_\_

Bank: \_\_\_\_\_

Place: \_\_\_\_\_

The above mentioned information is true to the best of my knowledge and belief I agree to abide by the rules and regulations governing the FDP Programme. I shall attend the Programme for the entire duration.

## SPONSORSHIP CERTIFICATE

Certified that we sponsor Dr./ Prof. \_\_\_\_\_  
for attending FDP to be held at New Horizon College of Engineering  
from 7<sup>th</sup> January – 11<sup>th</sup> January 2019

Signature of Faculty

Signature of Principal  
with Seal

Chief Patron  
**Dr. Mohan Manghnani**  
Chairman, NHEI

Patron  
**Dr. Manjunatha**  
Principal, NHCE

Convener  
**Dr. R. J. Anandhi**  
Professor & HOD, Dept. of ISE, NHCE

Co-ordinators  
**Dr. Mohankumar S**  
Assoc. Prof. Dept. of ISE, NHCE

**Mr. Gangadhar Immadi**  
Asst. Prof. Dept. of ISE, NHCE

**Mr. Vikas B O**  
Asst. Prof. Dept. of ISE, NHCE

## Registration

There is a registration fee of amount **Rs. 2000/-** to be paid through NEFT, The details for the NEFT are as follows:

**Bank Name: Indian Bank**

**Branch Name: New Horizon College of Engineering Branch, Bengaluru**

**Account Number: 484700078**

**Account Type: Savings Bank Account ( SB )**

**IFSC Code: IDIB000N112**

- Preference will be given to dynamic faculty members who are working in Engineering Colleges, Research Scholars / Industry Persons
- Selection will be made on first-come, first-serve basis and is limited to 40 candidates.
- Further details will be intimated through E-mail only
- Tea & Working lunch will be provided along with registration kits
- Faculty members who wish to attend should submit the filled-in registration form forwarded by Head of the Institution to the Coordinator by post on or before **31.12.2018**
- Scanned copy of the filled-in application form along with proof of transaction needs to be E-mailed to [nhce.ise.events@gmail.com](mailto:nhce.ise.events@gmail.com)



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

The Trust is a Recipient of Prestigious Rajyotsava State Award 2012 Conferred by the Government of Karnataka  
Awarded Outstanding Technical Education Institute in Karnataka-2016  
Ring Road Bellandur Post Near Marathalli Bangalore -560 103 INDIA

TOP ENGINEERING COLLEGE OF INDIA as per  
NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2018  
Ministry of Human Resource Development, Government of India



Five Days Faculty Development Programme  
on

**Machine Learning with Python**  
**A Complete Hands on Approach**

7<sup>th</sup> January – 11<sup>th</sup> January 2019

Organized by  
Department of Information Science and Engineering



## Knowledge Partners



## About College

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University(VTU), approved by the All India Council for Technical Education(AICTE) & University Grants Commission(UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation(NBA). It is one of the top Engineering Colleges in India as per NIRF rankings – 2018 and an ISO 9001:2008 certified Institution. New Horizon college of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few.

NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state – of – the – art facilities for its students. The students are given utmost encouragement in their areas of interest by providing hi-tech facilities backed by faculty support. The institute places highest priority on innovative programs of instructions that include both traditional class room theory and professional skills training. There is a strong impetus on overall personality development of the students with emphasis on soft skills. Students are supported through mentoring and counseling systems. The management offers scholarships to meritorious students. At NHCE, from the moment a student walk into the campus, he/she is well guided to know his/her strengths and choose an area of functional specialization. This enables students to concentrate their efforts and energies to gain the competitive edge. NHCE has an unique distinction of achieving 100% admissions in all its courses year after year.

NHCE has Centre of Excellence with reputed industries like Adobe,HPE, Vmware, Schnieder Electric, SAP, Quest Global, CISCO.

## About Department

Information Science and Engineering department focuses on current Information Technology trends, and domain specific applications. The program facilitates the evolution of skills in students to help them attain a higher degree of knowledge, global competency and excellence, for the betterment of the society. The Department of Information science and Engineering at NHCE was established in the year of 2001 and offers graduate and Ph.D programs and Accredited by National Board of Accreditation(NBA) . The four year B.E degree equip the students to meet day- to- day technological advancements of the ever dynamic IT field through adept training on various subjects of curriculum of Information Science and beyond.

The department offers B.E program through autonomous scheme from the year 2015. The department has annual intake of 120 students with a very good team of highly qualified and talented faculty members including Professors, Associate Professors and Assistant Professors.

## Centre of Excellence / MOU's

Department of ISE is having MOU's with reputed organization like VMware Software India Pvt. Ltd., Bennett University, ITorizon and Xobin Technologies etc.

Department is also having a strong membership teams like ISTE, CSI, IEEE, IAENG, ICSES, DSA, FSMK, IEI.

## Objectives of the FDP

- Knowledge about the extraction of useful information from big data and applying machine learning algorithms are the need of the hour. The available tools for developing algorithms along with case studies are the highlights of the FDP.
- The main objective of the FDP on machine learning is to connect industry professionals with educational institutions to provide forum for learning latest tools in Artificial Intelligence and Machine Learning to all engineering faculty, who will in turn educate student community.
- To facilitate research schemes using the advanced software tools in the field of Machine Learning

## Expected Outcomes of the Faculty Development Programme

1. Fundamentals of Data Analysis Environment like Python, NumPy, Pandas, Matplotlib, and Seaborn
2. Exposure to Descriptive, Inferential statistics and Data Analysis
3. Introduction to Machine Learning, Visualization , Regression
4. Apply Decision Tress, KNN, Support Vector Machine, clustering and PCA
5. Hands-on training in Recommendation Systems, Natural Language processing, Deep Learning and Tensorflow

## Technical Partner

Xobin Technologies is one of the top 50 startup in India and experts in Machine Learning with Python and they are more successful in organizing Workshops/ FDP's in reputed organizations.Xobin is located at IIT Madras Research Park,Chennai

**Speaker :** Mr.Guruprakash Sivabalan, CEO and his team from Xobin Technologies expertise with Artificial Intelligence(Research level understanding of Data mining Algorithms & end to end experience with Google Tensor Flow) , NLP , Fullstack Web Development (Python 2.7 , FLASK , Angular , Deployment in AWS,AZURE or GCP ,Docker) , product management , leadership hiring , End to End understanding of recruitment & senior technology leadership training.

## Address for Communication

**Dr.R.J. Anandhi**

Convenor, Professor and HOD-ISE,  
New Horizon College of Engineering,Bengaluru,

**Email:** nhce.ise.events@gmail.com

**Phone No:** 99867 89040 / 96202 23345

## Advisory Committee

1. Dr. Karisiddappa, Vice Chancellor, VTU, Belagavi
2. Dr. H.N. Jagannatha Reddy, Registrar, VTU, Belagavi
3. Dr. Manjunatha, Principal, NHCE
4. Dr. Prashanth C.S.R, Dean – Academics, NHCE
5. Dr. Rajanikanth.K, Retired Principal & Emeritus Prof. , MSRIT, Bengaluru
6. Dr. Anjaneyalu, Principal Research Scientist, Infosys Technologies, Bengaluru
7. Dr. Varaprasad, Professor, BMS College of Engineering, Bengaluru
8. Mr. Guruprakash Sivabalan, CEO, Xobin Technologies, Chennai
9. Dr. Girija Srinivasalu, Director, NHQASDC, NHEI
10. Dr. Ganesha Prasad, Dean & Head – Department of ME, NHCE
11. Dr. K Gopalkrishnan, Dean – Research & Development, NHCE
12. Dr. Jitendranath Mungara, Professor, Department of ISE, NHCE
13. Dr. Mohankumar S, Associate Professor, Department of ISE, NHCE

## FDP Highlights

- Course Material : Soft copy of study material will be provided for all the delegates along with the certificate of participation
- Experts in Machine learning delivering the contents and most of the content are Hands on.
- It covers the model building for the real time applications with Industry use cases

