





# FACULTY DEVELOPMENT PROGRAM

on

# MACHINE LEARNING WITH PYTHON IN ASSOCIATION WITH VTU FOSS GROUP

VISVESVARAYA
TECHNOLOGICAL UNIVERSITY
BELAGAVI
29-31, Jan - 2020

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CERTIFICATE	
This is to certify that	
is permitted for attending VTU sponsored Three days	
Faculty Development Program on "Machine Learning	
with Python" at S G Balekundri Institute of Technology,	
Belagavi. On 29, 30, 31st Jan - 2020.	
Signature of Head of the institute / HOI	

(With Seal)

#### In the Holi Presence of

### Poojya Dr. Tontada Siddharama Mahaswamiji

Yedeyur Shri Jagadguru Samsthanmath, Dambal- Gadag & Naganur Rudrikshimath, Belagavi

# Poojya Dr. Allamprabhu Mahaswamiji

Naganur Rudrikshimath, Belagavi

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Hon'ble Vice Chancellor, VTU, Belagavi

### Shri. S. G. Sambaragimath

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Dr. Dinesha H. A.

Associate Professor and HOD, CSE

#### Co-Convener

Prof. Mahantesh Laddi

Assistant Professor, CSE

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Prof. Yallappa H.	Dept. of CSE, SGBIT







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Organized by
Department of Computer
Science and Engineering

S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY

Shivabasava Nagar, Belagavi-590010 Karnataka, India

Phone: 0831-2407172 Fax: 0831-2407152

Website: www.sgbit.edu.in

#### ABOUT THE VTU

Visvesvaraya Technological University (VTU) named after Bharat Ratna Dr. Sir M. Visvesvaraya established on 1<sup>st</sup> April 1998, as per the VTU Act 1994 of the Government of Karnataka. University has been established by the Government of Karnataka in order to promote planned and sustainable development of technical education has its Head Office located in Belagavi in the state of Karnataka. Reckoning the fact that, University is a seat of confluence of knowledge and as a technological University, Visvesvaraya Technological University does not restrict itself only to curricular activities but emphasizes on the overall growth of knowledge in society and hence its campus in Belagavi is named aptly as "Jnana Sangama". The University has jurisdiction over the whole state of Karnataka. VTU has established four regional centers at Bengaluru, Mysuru, Kalburgi and Belagavi for administrative convenience. VTU is one of the prestigious and largest technological Universities in the India having affiliation of 220 Engineering colleges and 20 Autonomous Colleges and one Constituent College. VTU is imparting technical education to more than 4.5 lakh students under its 35 Undergraduate & 94 Postgraduate Programs. VTU is offering Doctoral programs in 865 departments in various affiliated Colleges which have been recognized as research centers. Around 5000 Research Scholars are perusing for Doctoral and M. Sc. (Engg.) programmes. VTU has established fullpledged Centers for Post Graduate Studies at Muddenahalli, Kalburgi, Belagavi and Mysuru.

#### **ABOUT THE INSTITUTION**

S.G.Balekundri Institute of Technology, (SGBIT) Belagavi is established in the year 2008, by Shri Siddharameshwar Education Trust of Rudrakshimath, Naganur, Belagavi under the presidentship of His Holiness Poojya Dr. Siddharama Swamiji. The trust facilitates General and Technical Education since 1932. SGBIT is committed to integrate morally with education by arranging value addition programmes in Social, Moral & Technical fields contributing to the human resource development needed for the state, nation and the world. It is one of the fastest developing institutes in north part of Karnataka.

## ABOUT THE DEPARTMENT

The Computer Science Engineering Department was started in the year 2008 with the vision of providing quality Technical education. It follows the systematic approach to add significant value to students, through lab sessions, seminar, workshops, and project work etc. The department has young and energetic faculty members. It also has state of art laboratory facilities, infrastructures and computing equipment, high speed internet connectivity, the department also has approved for Research center which provides platform for research scholars to pursue their innovative research in the various applied fields.

## **OBJECTIVES OF THE WORKSHOP**

Artificial intelligence is considered to be the trending technology of the future. Machine learning is an application of Artificial intelligence that provides systems the ability to automatically learn and improve from experience without being explicitly programmed.

Python is the most popular language for AI and machine learning applied across industries. Python libraries provide a pre written piece of code that help users to access, handle and transform data. Python's machine learning libraries and frameworks simplify the development process and reduce development time. Python's simple syntax and readability promote rapid testing of complex algorithms and make the language accessible to non-programmers. Python is not only comfortable to use and easy to learn but also very versatile.

#### RESOURCE PERSONS

Sessions will be handled by expert from reputed institutions, industry professionals and R & D Organizations.

## ELIGIBLITY

Faculty members from AICTE approved institutions with relevant background in CSE/ECE/EEE/MCA and IT branches are eligible for the programme

## REGISTRATION

Registration Fee for Faculty/Research Scholars: Rs 300/-(Includes GST)

Registration Count is Limited to 40 on First Come First Serve Bases.

# **Payment Method**

DD In the Name of "Principal SGBIT, Belagavi" or NEFT/RTGS/Phonepe/Google pay, To the Account

A/c No: 520101070642180

IFSC: CORP0002090

Working lunch will be provided and Limited accommodation for Ladies is available on prior request and early registration for outstation participation.

## **ABOUT THE LOCATION**



## ADDRESS FOR COMMUNICATION

## Prof. Mahantesh Laddi

Assistant Professor, Dept, CSE, SGBIT

Phone No: 9742912850

Email: mahantesh.laddi@gmail.com