DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

Accredited by **NAAC** | Approved by AICTE & Affiliated to Anna University
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Opp. Salem Airport | Sikkanampatty P.O. | Salem - 636 309 | www.dgct.ac.in

Department of Computer Science & Engineering

The Management, Principal and Staff
Cordially invite you for the

AICTE Sponsored
Six Days Online

Short Term Training Program (STTP 2020)
on

"DATA ANALYTICS AND SUPPORTING SERVICES USING MACHINE LEARNING"

Chief Guest

Mr. Vijayakumar
Sr. Vice President | HR
Intellect design Arena Ltd.,
Chennai

Presided by

Shri. Dhirajlal A. Gandhi
Chairman | DGCT
SALEM

Delivery Platform
Join with Google Meet

Date & Time
07th November, 2020 at 10:00 am

in the presence of

Shri. D. Manojkumar
Vice Chairman | DGCT

Smt. Archana Manojkumar
Secretary | DGCT

Dr. A. Selvaraj
Principal | DGCT

Dr. R. Kumar
Dean | CSE

Ms. B. Narmada
Head | Department of CSE

Dr. J. Parthasarathy
Associate Prof. | CSE
Director P&T | Coordinator - STTP

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Agenda

Time	Item	Person
10.00 am	Welcome Address	**Dr. J. Parthasarathy** Associate Prof.	CSE Director P&T	Coordinator
10.05 am	Principal Address	**Dr. A. Selvaraj** Principal	DGCT
10.10 am	Presidential Address	**Shri. Dhirajlal A. Gandhi** Chairman	DGCT **Shri. D. Manojkumar** Vice-Chairman	DGCT
10.15 am	Special Address	**Smt. Archana Manojkumar** Secretary	DGCT
10.20 am	Felicitation Address	**Dr. R. Kumar** Dean	CSE
10.25 am	Chief Guest Introduction	**Ms. N. Radha** Associate Prof.	CSE
10.30 am	Chief Guest Address	**Mr. Vijayakumar** Sr. Vice President	HR Intellect Design Arena Ltd., Chennai
	Vote of Thanks	**Ms. B. Narmada** HoD	CSE

Date & Time
07th November, 2020
at 10:00 am

Google Meet
http://meet.google.com/jvx-emjx-nyg

DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY
OPPOSITE TO AIRPORT, SIKKANAMPATTY,
SALEM – 636309, TAMILNADU www.dgct.ac.in
All India Council for Technical Education, (AICTE), New Delhi

Sponsored Six Days Online Short Term Training Program (STTP)
On
"DATA ANALYTICS AND SUPPORTING SERVICES USING MACHINE LEARNING"
STTP Phase 1: 07.11.2020 to 12.11.2020
DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

Date	10.00 am -12.00 pm	Key note Speaker	1.30pm -3.30pm	Key note Speaker
07/11/2020	Significance of Data Analytics, Preprocessing, Feature selection.	Dr.Prabitra Mohan Kumar, Professor/CSE, National Institute of Technology, Roorkee.	Introduction about Machine Learning, Types of Learning Algorithms	Dr.Shriram P.V, AP(Sl.G)/CSE, Amirta University, Coimbatore.
08/11/2020	Convolutional Neural Networks for Image analytics using Tensorflow	Mr.Srinivasan Thanukrishnan, Founder and CEO, Glosys Technology solutions pvt Ltd, Chennai.	Convolutional Neural Networks for Image analytics using Tensorflow-Demo	Mr.Srinivasan Thanukrishnan, Founder and CEO, Glosys Technology solutions Pvt Ltd, Chennai.
09/11/2020	Social Network Analysis & ML	Mr.P.Sudhakar, Senior Scientific Officer, Advanced Technology Development Center, Indian Institute of Technology, Kharagpur. Mr.Kishore Kumar, Research Scholar/CSE, Indian Institute of Technology, Kharagpur.	Text Analytics –Hands on session Using Python Libraries	Mr.P.Sudhakar, Senior Scientific Officer, Advanced Technology Development Center, Indian Institute of Technology, Kharagpur. Mr.Kishore Kumar, Research Scholar/CSE, Indian Institute of Technology, Kharagpur.
10/11/2020	Big data Analytics & Beyond	Dr.HemantKumar, Professor/CSE, Thapar University,Patiala	Hands on session Using Hadoop for Big data Analytics	Dr.Hemant Kumar, Professor/CSE , Thapar University, Patiala.
11/11/2020	Examples of Real Time Applications of Machine Learning	Dr. J. Arul Valan, AP/CSE, National Institute of Technology, Nagaland	Industrial use case walk through-Case studies	Dr.R.Kumar, Dean/CSE, Dhirajlal Gandhi College of Technology.
12/11/2020	Research opportunities in data analytics using machine learning	Ms.B.Narmada, Head/CSE, Dhirajlal Gandhi College of Technology.	Advances in machine learning approaches	Dr.R.Kumar, Dean/CSE, Dhirajlal Gandhi College of Technology.

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**Department of
Computer Science & Engineering**

AICTE Sponsored
Six Days Online

Short Term Training Program (STTP 2020)
on

**"Data Analytics and Supporting Services
using Machine Learning"**

Session - II — Introduction about Machine Learning, Types of Learning Algorithms

Speaker

Dr. Shriram K. V
AP (Sl.G) | CSE,
Amrita University, Coimbatore.

Join with Google Meet : http://meet.google.com/jvx-emjx-nyg

07th November 2020 | 1.30 pm - 3.30 pm | www.dgct.ac.in

— in the presence of —

Dr. A. Selvaraj	Dr. R. Kumar	Ms. B. Narmada	Dr. J. Parthasarathy
Principal	DGCT	Dean	CSE	Head	Department of CSE	Associate Prof.	CSE, Director P&T	Coordinator - STTP

Co-Coordinators — **Mrs. N. Radha,** Asso.Prof. | CSE. ✆ +91 94437 60670 | **Mrs. J. Vaijayanthimala,** Asso.Prof. | CSE ✆ +91 97156 18985

**AICTE Sponsored
Six Days Online**
Short Term Training Program
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**"DATA ANALYTICS AND SUPPORTING
SERVICES USING
MACHINE LEARNING"**

STTP Phase - I

07th - 12th November 2020

Organized by
**Department of
Computer Science & Engineering**

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COLLEGE OF TECHNOLOGY
Accredited by NAAC

(Approved by AICTE & Affiliated to Anna University, Chennai)

Opposite to Salem Airport, Sikkanampatty, Salem – 636 309, Tamilnadu,
website : www.dgct.ac.in, Ph : +91 4290 233 333, 357

About AICTE
Short Term Training Program (STTP)

All India Council for Technical Education (AICTE) is the Statutory body and the National-level Council for Technical Education in the country. AICTE was formed in November 1945 with the vision to promote development of the education system in India.

Short Term Training Program (STTP) intends to conduct faculty training through financial assistance from AICTE to enable faculty members in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society.

Objective of the STTP

Data analytics is a process of inspecting cleansing, transforming and modeling data with the goal of discovering useful information, informing conclusions and supporting decision-making. The challenges include capturing data, data storage, data analysis, visualization, and querying. The emergence of the Machine Learning has made it feasible to use analytics in real-world business problems economically. The program sessions are designed to expose the advances evolved in each process of Data Analytics and Supporting Services using Machine Learning. Hands on sessions will be conducted for the Data analytics tools.

Resource Persons

Sessions will be handled by experts from Industry and Academia.

REGISTRATION DETAILS

Registration link

https://forms.gle/zdJcW44YVirWJ9Le9

Last date : 06-11-2020

Topics

DAY 1
- Significance of Data Analytics, Preprocessing, Feature selection.
- Introduction about Machine Learning, Types of Learning Algorithms

DAY 2
- Convolutional Neural Networks for Image Analytics using Tensorflow
- Hands on session - Image Analytics using Tensorflow

DAY 3
- Social Network Analysis & ML
- Text Analytics - Hands on session Using Python Libraries

DAY 4
- Big data Analytics & Beyond
- Hands on session Using Hadoop for Big data Analytics

DAY 5
- Examples of Real Time Applications of Machine Learning
- Industrial use case walk through

DAY 6
- Research opportunities in data analytics using machine learning
- Advances in machine learning approaches

Guidelines

- No Registration Fee
- The faculty members of the AICTE institutions, Universities, research scholars, PG scholars, participants from Government, Industry and Engineers from R & D Lab. Number of Participants is limited to 100
- Eligible participants will be selected based on First Come First Serve(FCFS) basis and selected participants will be intimated via E-mail
- E-Certificate will be issued to all the participants with minimum 80% attendance and a score of 60% in the test.

ABOUT THE INSTITUTION

DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY was established in the year 2011 by **Shri. Dhirajlal. A. Gandhi,** an educationalist with more than 66 years of experience in Technical Education.

The college is approved by AICTE, affiliated to Anna University, Chennai and accredited by NAAC.

DGCT aims to create Centre of Excellence in emerging fields of the Engineering through industry – institution collaboration.

DGCT is the only institute to receive the India's No 1 Best Industry Linked Computer & IT Engineering and Allied Institute (Emerging Degree) from ELICO.

Courses Offered

B.E : CIVIL | CSE | ECE | EEE | MECH

M.E : CAD/CAM | CSE | COMMUNICATION SYSTEM
STRUCTURAL

Professional Bodies

ABOUT THE DEPARTMENT

Department of Computer Science and Engineering was established in the year 2011 and functioning with UG –BE(CSE) and PG- M.E(CSE) Courses. The department has qualified faculty members who are dedicated and well experienced in different fields of specialization. The department conducts various value added programs periodically to enhance technical knowledge of students to make them industry ready. The department is a recognized Research Centre for carrying out research work from Anna University, Chennai.

Vision

➤ To cultivate creative, globally competent, employable and disciplined computing professionals with the spirit of benchmarking educational system that promotes academic excellence, scientific pursuits, entrepreneurship and professionalism.

Mission

➤ To develop the creators of tomorrow's technology to meet the social needs of our nation.

➤ To promote and encourage the strength of research in Engineering, Science and Technology.

➤ To channel the gap between Academia, Industry and Society.

Address for Correspondence

Ms. B. Narmada M.E., Ph.D
Associate Professor & Head | Department of CSE
Dhirajlal Gandhi College of Technology
Sikkanampatty, Salem -636 309. www.dgct.ac.in
Email: sttp.cse@dgct.ac.in | Phone: 04290 233333

STEERING COMMITTEE

CHIEF PATRONS : **Shri. Dhirajlal A. Gandhi**
Chairman | DGCT
Shri. ManojKumar Dhirajlal
Vice Chairman | DGCT
Smt. Archana Manojkumar
Secretary | DGCT

PATRON : **Dr. A. Selvaraj**
Principal | DGCT

CONVENERS : **Dr. R. Kumar**
Dean | CSE
Ms. B. Narmada
HoD | CSE

COORDINATOR : **Dr. J. Parthasarathy**
Associate Prof. | CSE
Placement Director | DGCT

CO-COORDINATORS : **Ms. N. Radha**
Associate Prof. | CSE
Ms. J. Vaijayanthimala
Associate Prof. | CSE

CONTACT PERSONS

Ms. N. Radha
Associate Prof. | CSE
: +91 94437 60670
: radha.cse@dgct.ac.in

Ms. J. Vaijayanthimala
Associate Prof. | CSE
: +91 97156 18985
: vaijayanthimala.cse@dgct.ac.in

ORGAINIZING COMMITTEE

Mr.B.Arunkumar	: AP	CSE	Mrs. M.Sasikala	: AP	CSE
Mrs.H.Swathi	: AP	CSE	Mrs.J.Maheswari	: AP	CSE
Mr.P.Ganeshen	: AP	CSE	Ms. M.Kiruthika	: AP	CSE
Mr.S.Sankar	: AP	CSE	Ms.R.Sathya	: AP	CSE
Mr.S.Vijayakumar	: AP	CSE	Mr.C.Vinothkumar	: AP	MATHS
Ms.M.Parameswari	: AP	CSE	Mrs.P.Priya	: AP	MATHS
Ms.L.Sindhu	: AP	CSE	Mr.R.Jaikumar	: AP	PHYSICS
Ms.M.Kavitha	: AP	CSE	Mrs.M.Poornima	: AP	ENGLISH