

4th Edition

Utkraanti
National Level Championship



ELAN & DIVISION
IIT HYDERABAD

N.M.S. Sermathai Vasan College For Women

WORKSHOP DETAILS

- ◆ AI Intro
- ◆ Neural Networks
- ◆ Deep Learning Intro
- ◆ Statistical Analysis
- ◆ Regression Algorithms
- ◆ Live Projects

Grand Finale @ IIT Hyderabad Campus

Two Days Workshop On

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

PREREQUISITE

Minimum One PC / Laptop
among 5 Members



FEES 700/- per student

BENEFITS

- ◆ Hands on Session during Workshop
- ◆ Certificate to each participant from UTKRAANTI & ELAN & DIVISION IIT HYDERABAD
- ◆ Top 3 teams will be selected for Finale @ IIT Hyd.
- ◆ Cash Prize up to INR 1 Lac During Grand Finale

DATE

26-27 FEB 2020

Address:

N.M.S. Sermathai Vasan College For Women
Periyar Nagar Main Road, Avaniapuram,
Madurai, Tamil Nadu 625012

CONTACT

(Faculty Coordinator)

Mrs.G.Meenalochini
9486030029

Mrs.M.Deepalakshmi
9659021010

UTKRAANTI | www.utkraanti.com | info@utkraanti.com | 9999097854 | 8750059900 | 8743904444

Registration Fee

Students - Rs.700/-

Research Scholars &

Faculty members - Rs.700/-

Send the Registration form on or before

17.02.2020.

Bus Route

College bus will be available at 9:10am near Hotel Vasantham (Near Periyar Bus Stand) for the participants.

Ladies buses (City Buses) are also available.

<u>Starting Place</u>	<u>Time</u>	<u>Bus No.</u>
Anna Bus Stand	8.15	16 P
Arapalayam	8.25	10 D
Periyar	8.40 / 9.05	10C, 10R
Thirumangalam	8.15	37 B
Anupanadi	8.15	16 M

For Further details please contact

Mobile No. - 9659021010

9486030029



All Are Cordially Invited.

Organizing Committee

Chair Person

Mrs.D.Karthigaran M.Sc.,M.Phil.,Ph.D

Principal & HOD , Dept.of.CS,IT & BCA

Convenor

Mrs.G.Meenalochini M.Sc.,M.Phil., D.G.T

Assistant Professor, Dept.of. CS,IT & BCA

Mrs.M.Deepalakshmi MCA.,M.Phil.,

Assistant Professor, Dept.of. CS,IT & BCA

Organizers

Mrs.V.Vijayalakshmi MCA.,M.Phil.,SET

Mrs.R.Ranjani M.Sc.,M.Phil., SET

Mrs.A.Dhanalakshmi M.Sc.,M.Phil.,SET

Mrs.P.Veluselvi MCA.,M.Phil.,

Mrs.R.Naveena MCA.,M.Phil.,

Mrs.P.Malarkodi M.Sc.,M.Phil.,

Ms.S.B.Shanmuga Priya M.Sc.,M.Phil.,

Ms.T.Suganya B.Tech

Ms.K.Ramalakshmi MCA.,

Best wishes from our Sponsor

Mr.C.Murugesan

Vice President , Nadar Mahajana Sangam.

WORKSHOP

On

ARTIFICIAL INTELLIGENCE &

MACHINE LEARNING

26th & 27th February 2020



Organised by

IIT HYDERABAD &

**Department of Computer Science,
Information Technology &
Computer Applications**

@

**NADAR MAHAJANA SANGAM
SERMATHAI VASAN COLLEGE FOR WOMEN**

AVANIYAPURAM , MADURAI - 12.
(Accredited with "B" Grade by NAAC)

E-mail : nmscsit@gmail.com



**N.M.S.SERMATHAI VASAN COLLEGE
FOR WOMEN , MADURAI**

Invitation

Greetings from N.M.S.Sermathai Vasan
College for Women, Madurai.

We, the Management, the Principal, Staff members
and Students of the Department of Computer
Science , Information Technology & Computer
Applications invite Faculty Members, Research
Scholars and PG/UG students to participate in the
**WORKSHOP on "Artificial Intelligence & Machine
Learning "** to be held on 26 & 27 February 2020
in our college.

About the College

Nadar Mahajana Sangam Sermathai Vasan
College for Women was established in the year 1993
by the indefatigable efforts of Philanthropists of
Nadar Mahajana Sangam. Our college is situated in
the southern banks of river Vaigai near
Avaniyapuram.

The College offers 12 Undergraduate
courses in various disciplines such as BA(Tamil),
BA(Eng), B.Sc(Maths), B.Sc(Physics), B.Sc(CS),
B.Sc(IT), BCA, BBA, B.Com, B.Com(CA),
B.Com(E.Com), B.Com(Banking), BA(His) and Post
Graduate Courses in M.Sc(CS), M.Sc(Physics),
M.Sc(Maths), M.Com(CA), M.A(Eng), M.A(Tam) and
the Diploma Courses in Fashion Technology, Yoga,
DTP, DCFE, DGT & CGT etc.

PROGRAMME

Registration : 9.30 AM
Inauguration : 10.00 AM to 10.30 AM

Welcome Address

Mrs.D.Karthigarani M.Sc.,M.Phil., Ph.D
Principal & HOD of CS, IT & BCA

Presidential Address

Dr.G.MarisKumar
President

Felicitation

Mr. G.Karikolraj
Secretary
Mr. M.Jeyakumar B.E.,
Correspondent
Mr. D.Nallathambi, BA.,BL.,
Treasurer

Resource Person

**Mr.Shubham Gupta M.C.A.,M.Tech
IIT Hyderabad.**

Day - I (26.02.2020)

Session I : 10.30 AM - 11.15 AM

Topic : **" Introduction to Machine
Learning, Working with Numbers "**

Session II : 11.15 AM - 12.00 noon

Topic : **" Accessing and preparing data
with Pandas "**

Session III : 12.00 noon - 1.00 PM

Topic : **" Data Exploration, Visualization
& Statistical Analysis "**

Lunch Break 1.00 PM - 1.45 PM

Session IV : 1.45 PM - 2.30 PM

Topic : **"Creating Clustering Plots and
Dendograms"**

Session V : 2.30 PM - 3.15 PM

Topic : **"Text Analysis"**

Session VI : 3.15 PM - 4.00 PM

Topic : **"Steps to build and Validate
Models".**

Day - II (27.02.2020)

Session I : 10.00 AM - 10.45 AM

Topic : **"Artificial Intelligence Topics"**

Session II : 10.45 AM - 12.30 PM

Topic : **"Methodologies for AI Models
with CNN"**

Lunch Break 12.30 PM - 1.15 PM

Session III : 1.15 PM - 2.10 PM

Topic: **"Scikit - Learn"**

Session IV : 2.10 PM - 3.45 PM

Topic : **" Project "**

Valedictory Function 3.45 PM - 3.55 PM

Certificate Distribution

Vote of thanks

Mrs.G.Meenalochini M.Sc.,M.Phil.,
National Anthem.

**N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN,
MADURAI – 12.**



**IIT HYDERABAD &
Department Of Computer Science,
Information Technology &
Computer Applications**

Date : 26.02.2020 & 27.02.2020 Venue : Seminar Hall

Agenda

- ◆ Prayer Song

- ◆ Welcome Address P **Mrs.D.Karthigarani M.sc.,Mphil., Ph.D,**
Principal & HOD of CS,IT& BCA

- ◆ Presidential Address P **Dr.G.Mariskumar**
President

- ◆ Felicitation P **Mr.G.Karikolraj**
Secretary
Mr.M.Jeyakumar B.E.,

Correspondent

Mr.D.Nallathambi, BA.,BL.,

Treasurer

◆Key Note Address

PMr.Shubham Gupta M.C.A., M.Tech

IIT Hyderabad

26.02.2020

Day - I Program

PSession (I-V)

27.02.2020

Day – II Program

PSession (I-IV)

Valedictory Function

◆ Vote of thanks

PMrs.G.MeenalochiniM.sc. Mphil.,

National Anthem

IIT HYDERBAD WORKSHOP
ON
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

DATE: 26.02.2020 TO 27.02.2020

Prayer song



Lightening Kuthuvizhaku



Welcome address:

Mrs.D.Karthiga rani,
Principal (i/c) Head of the Department of CS,IT&BCA



Presidential Address:

Mr.SenaMurugesan



Day-I (26.02.2020)

Technical session I: 10:30 AM – 11:15 AM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Introduction to Machine Learning, Working with Numbers”



Technical session II: 11:15 AM – 12:00 NOON

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Accessing and preparing data with Pandas”



Technical session III: 12:00 NOON – 01:00 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Data Exploration, Visualization & statistical Analysis”



Technical session IV: 01:45 PM – 02:30 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Creating Clustering Plots and Dendrograms”



Technical session V: 02:30 PM – 03:15 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

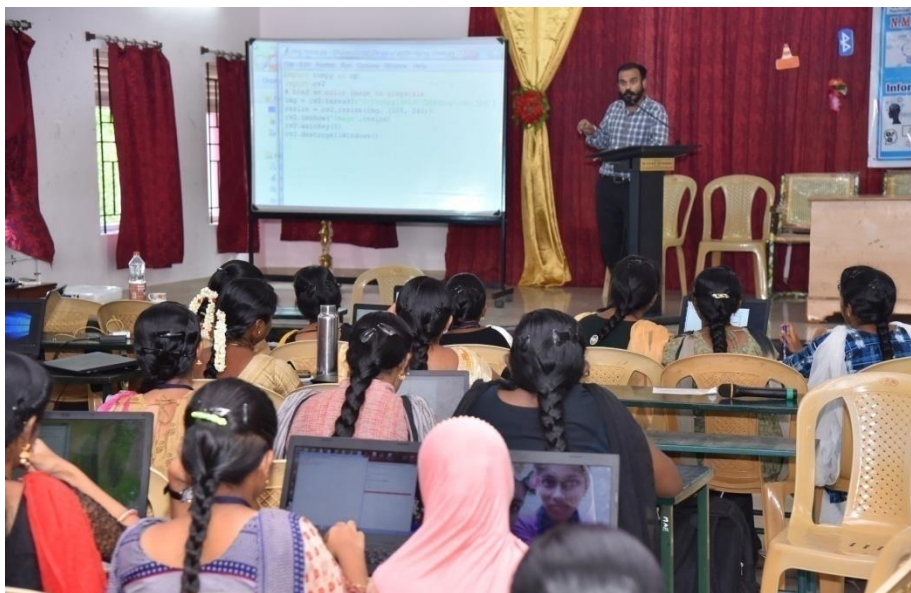
Topic: “Text Analysis”



Technical session VI:03:15 PM – 4:00 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Steps to build and Validate Models”.



Day-II (27.02.2020)

Technical session I:10:00 PM – 10:45 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Artificial Intelligence Topics”



Day-II (27.02.2020)

Technical session II:10:45 PM – 12:30 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Methodologies for AI Models with CNN”

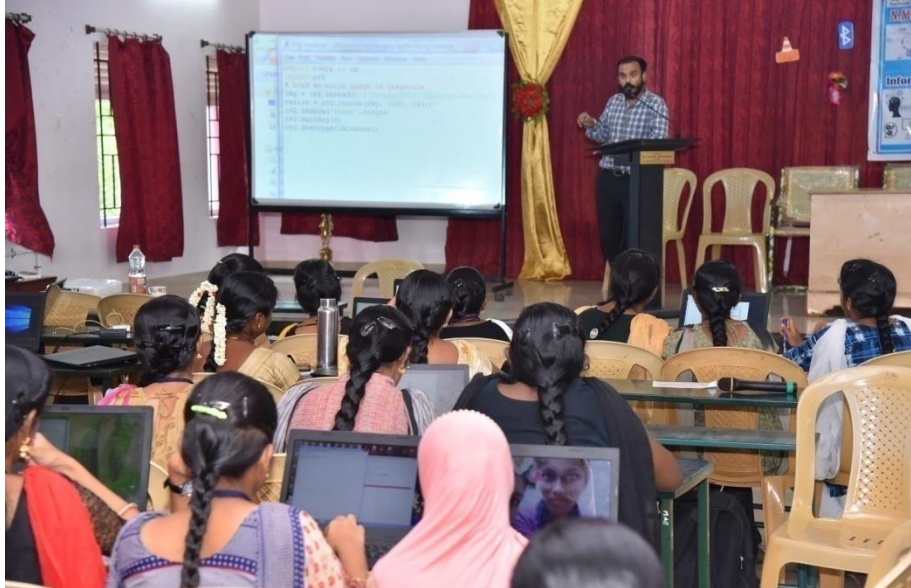


Day-II (27.02.2020)

Technical session III:01:15 PM – 02:10 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Scikit - Learn”



Day-III (27.02.2020)

Technical session Iv:01:15 PM – 02:10 PM

Resource person: Mr.Shubham Gupta M.C.A., M.Tech
IIT Hyderabad

Topic: “Project”



Certificate distribution



Certificate distribution



Vote of Thanks

Mrs.R.Ranjani M.sc.,Mphil



N.M.S SERMATHAI VASAN COLLEGE FOR WOMEN MADURAI-12

DEPARTMENT OF CS,IT&BCA

IIT HYDERBAD WORKSHOP

ON

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

REPORT

Department of Computer Science, Information Technology and Computer Application of N.M.S SERMATHAI VASAN COLLEGE FOR WOMEN have jointly organized a National Seminar "ARTIFICIAL INTELLIGENCE & MACHINE LEARNING" On 26.02.2020 TO 27.02.2020. The Programme started with prayer song. Our College principal Mrs.D.Karthiga Rani Delivered the welcome address. President Dr.G.Marishkumar delivered the presidential address. The Chief Guest Mr.Shubham Gupta M.C.A.,M.TechIIT Hyderabad. gave speech "**Introduction to Machine Learning, Working with Numbers**"

Vote of thanks was given by Mrs.G.Meenalochini, Asst. Professor, and N.M.S.SermathaiVasan College for Women, Madurai. The function came to end with National Anthem.

D. Karthiga Rani

SIGNATURE OF THE HOD