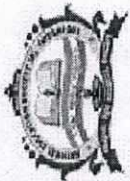**Event Category : Student Development Program**

Event Name: "Machine Learning Internship"

Date: 01st August to 31st August 2020.

National Education Society (R.)

JNN College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC 'B', UG programs: CJ, ME, EE, ECE, CSE, ISE, ICE accredited by NBA:1.7.2019 to 30.6.2022, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering

An Online Internship on

MACHINE LEARNING

Organised by

ML Students Club Department of IS&E

In Association with

Computer Society of India

Objective:
To Understand Basics of Machine Learning & How to implement it with a project

Date: 3rd Aug 2020

Time: 11.00AM

Participants :

4th Sem ISE Students

E-certificate will be issued for all the active participants

Coordinators

Student Co-ordinators:

1) Abhishek J M
2) Shishra S Jois
3) Madhu N
4) Meghana Bekal
5) Tasmiya Mansoor

Faculty Co-ordinator:

Mr. Chethan G.S
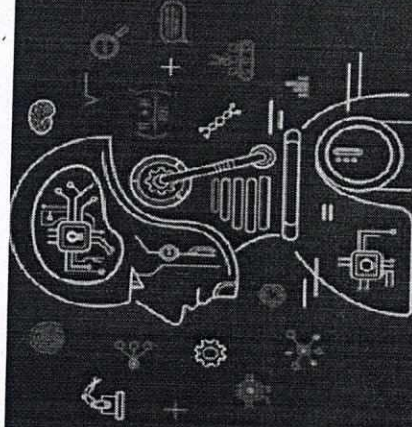
Dr. Sanjeev Kunte R
HOD

Dr. Manjunath P
Dean Academic

Dr. H R Mahadevaswamy
Principal

Registration link : https://forms.gle/xbkUTaogvAhT6MuT9

From,   Date: 31-07-2020

    Abhishek JM
    Usn: 4JN18IS001
    Student Co-ordinator
    ML Student Club,
    Dept. of IS&E
    JNN College of Engineering,
    Shimoga

To,

    The Principal
    JNN College of Engineering,
    Shivamogga

Through,

    The HOD ,
    Dept. of IS&E
    JNN College of Engineering,
    Shimoga

Respected Sir,

Subject: Permission to conduct Internship for 4th sem students of ISE .

I Abhishek J M from 4th SEM ISE, co-ordinator of ML student Club, writing this letter to seek permission for the conduction of Internship on behalf of Machine Learning Student Club ISE. Being a ML Student Club Co-ordinator, me and my team members are planning to conduct online Internship on Machine Learning for 4th sem students of ISE department for duration of one month starting from 3/8/2020 till 31/8/2020.

The Internship program will be conducted by providing required online materials, assignments and assistance for the project. The other student co-ordinators are Shishira S Jois, Madhu N, TasmiyaMansoor & Meghana N and the faculty co-ordinator is Mr. Chethan G S. We kindly request you to provide the permission for conducting this internship and oblige.

<div align="center">Thanking you</div>

Date: 31-07-2020   Your's Sincerely
Place: Shivamogga

                                                               Abhishek JM
                                                               Usn: 4JN18IS001

MACHINE LEARNING INTERNSHIP

Sl.No.	Date	Day	Particulars
1	1-8-20	Saturday	Finalizing Registration Process
2	2-8-20	Sunday	Finalizing Participants, Google classroom, Whatsapp Groups, & Introducing the participants
3	3-8-20	Monday	Installation of Anaconda Navigator & Abstract of Basic Concepts
4	4-8-20	Tuesday	Introduction to ML & Getting familiar with important libraries
5	5-8-20	Wednesday	Supervised and Un-supervised learning (Regression, Classification, Clustering)
6	6-8-20	Thursday	Data exploration & Visualization
7	7-8-20	Friday	Assignment – 1
8	8-8-20	Saturday	Linear Regression
9	9-8-20	Sunday	*Holiday*
10	10-8-20	Monday	Assignment – 2
11	11-8-20	Tuesday	*Holiday*
12	12-8-20	Wednesday	Logistic Regression
13	13-8-20	Thursday	Decision Trees
14	14-8-20	Friday	SVM (Support Vector Machine)
15	15-8-20	Saturday	KNN (K Nearest Neighbor).
16	16-8-20	Sunday	*Holiday*
17	17-8-20	Monday	K means
18	18-8-20	Tuesday	Assignment – 3
19	19-8-20	Wednesday	Deep Learning
20	20-8-20	Thursday	Project Distribution
21	21-8-20[Friday] to 30-8-20[Sunday]		Project Guidance with exploring Git & Github.
22	31-8-20[Monday]		Certificates Distribution

☺HAPPY LEARNING☺

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Machine Learning Internship

Department of IS & E, JNNCE organized 1 month of Internship on "Machine Learning" under ML Student Club, department of ISE, JNNCE in association with CSI in the month of August.

Machine learning is an application of Artificial Intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.

The aim of this internship was to provide virtual training to the students on the use and benefits of Machine Learning and the following aspects were covered:

- Installation of Anaconda Navigator & Abstract of Basic ConceptsBasic operations and commands in python
- Introduction to ML &Getting familiar with Basics of Python language & Important ML libraries.
- Types of Machine Learning & Data exploration and Visualization.
- Linear Regression, Logistic Regression, Decision Trees, SVM, KNN, K Terminology.
- Deep Learning, Git, Git hub & Project Guidance.

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ML Internship inaugurated on First Week of August, through online platform Zoom cloud meeting application in presence of following dignitaries.

- Presided by: Dr. H. R. Mahadevaswamy, Principal, JNNCE, Shivamogga
- Presence: Dr. SanjeevKunte, HOD, ISE, JNNCE, Shivamogga
- Presence: Dr. P. Manjunatha, Professor & Dean Academic, JNNCE, Shivamogga
- Presence: Mr. Chethan G.S, Assistant Professor, ISE department, Shivamogga

On the first week of August function started át 11.00 am, Mr. Chethan G. S Asst. Prof., IS&E department given welcome address to all dignitaries and participants, followed by Mrs. Meghana Bekal, Student IS&E department given a note on about the one month internship schedule, After the introduction speech, Dr. SanjeevKunte R, HOD, ISE department addressed the guest and participants, then Dr. H. R. Mahadevaswamy, Principal, JNNCE given the presidential address, finally Mr. Abhishek J M Lead Student Coordinator, ISE department given the vote of thanks. Master of ceremony for this function was done by Mrs. Tasmiya Mansoor, Student, IS & E department.

A total of 89 participants registered and attended one month internship. The participants for this Internship were 4th semester students, IS&E department, JNNCE. Hands on training were conducted using Google Classroom, & Assignments were collected using Google class room as well. All the Participants completed the schedule and completed all the Assignments given every day as per the training schedule.16 Teams were made for Project completion.

All the teams completed the project and submitted within given time. Hereby I want to inform you that Myself with my other 5 co-ordinators; Abhishek J M Student Lead

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Coordinator, ML Student Club & with his sub-coordinators Shishira S Jois, MeghanaBekal, Madhu N, TasmiyaMansoor successfully co-ordinated and completed one month of online ML Internship under the guidance of Faculty Co ordinator of ML Student Club Mr. Chethan G.S.

*************************************☺*********************************

CoOrdinator

Chethan

R.S.C

Professor and Head
Dept. of Information Science & Eng.
J.N.N. College of Engineering
SHIMOGA-577 204