DIGITAL BRAINS

NEWSLETTER 2021 - 2022

Editors:

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HoD of CSE – AI & ML

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING — AI & ML

1. Principal's Message

Our college has grown abundantly in the recent past. It continues to sustain its growth. People reading this newsletter will realize the tremendous changes that are happening in the campus. The newsletter is presenting a glimpse of the growth of the institution on many fronts. The highly qualified and dedicated members of the staff have always stood shoulder to shoulder with the management and have carried out their duties with high level of commitment. This newsletter has recorded achievements such as conferences attended by staff members and students, competitions won by the hugely talented students, innovative projects carried out by students with the guidance of faculties, among others.

Let's give our best and make this institution a modern sanctuary of learning through our diligence, devotion and dedication. I congratulate all the contributors and the editorial board for bringing out such a beautiful newsletter.

Dr.C.Venkata Narasimhulu

B.Tech., M.Tech., Ph.D. SMIEEE, FIETE, LMISTE, MIE

2. HoD's Message

Greetings!

The Department of CSE-AI&ML at Lords Institute of Engineering and Technology, Hyderabad is located in a sprawling environment with a state of art facilities and highly qualified and experienced faculty. The Department always believes in outcome based education and also develops critical thinking, analysing skills and inculcates research among the learners.

The teaching learning process in the department is facilitated to empower and provide all the required support to students and the staff where each and every individual can step towards building the career and enhancing their knowledge, at the same time the students will be ready to face any challenges to achieve their goals.

The department also encourages each and every learner through a Mentor–Mentee Scheme where students are emphasized for good academics, placements, to involve in active learning by using the NPTEL lectures & videos, involving in technical events, outbound activities, certification courses, curricular & co-curricular activities, sports and to take professional body membership apart from the regular syllabi.

The faculty members are encouraged to publish research papers in reputed journals, participate in Faculty Development Program and workshop through a well-supported system. The department preserves its achievements and publishes its all activities by bi–annual magazine '**DIGITAL BRAINS**'

It gives me immense pleasure to lead the department of CSE-AI & ML.

Good Wishes!

Dr. L. K. Indumathi
Professor & HOD

3. Vision & Mission

Vision of the Institute:

Lords Institute of Engineering and Technology strives continuously for excellence in professional education through quality, innovation and teamwork and to emerge as a premier institute in the state and across the nation.

Mission of the Institute:

◆ To impart quality professional education that meets the needs of present and emerging technological world.

◆ To strive for student achievement and success, preparing them for life, career and leadership.

◆ To provide a scholarly and vibrant learning environment that enables faculty, staff and students to achieve personal and professional growth.

◆ To contribute to advancement of knowledge, in both fundamental and applied areas of engineering and technology.

◆ To forge mutually beneficial relationships with government organizations, industries, society and the alumni.
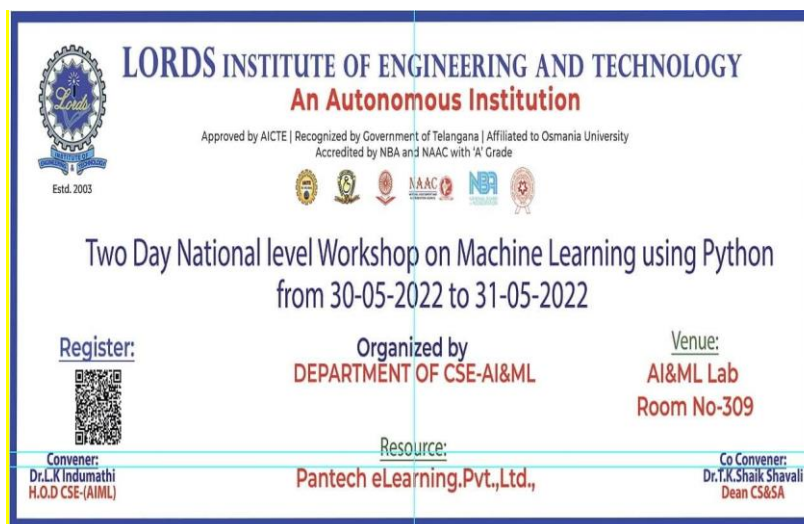
Vision of the Department:

To obtain high quality standards in education by utilizing cutting-edge technology, build an ecosystem that will contribute meaningfully to society by producing world Class Engineers in Artificial Intelligence and Machine Learning field.

Mission of the Department:

◆ Provide intense training to generate knowledge using state of art Artificial Intelligence and Machine Learning concepts and technology.

◆ The standard is to bring along scholars and students in a multidisciplinary setting to carry on making substantial advances in expanding the potential of machine or human-machine systems that can handle challenging higher cognitive functions.

◆ Encourage the formation of academic-industry collaborations and societal outreach projects.

◆ Educate students to take part fully and ethically in a varied society while also encouraging lifelong learning.

4. Events Conducted by the Department

Two day National Workshop on Machine Learning using Python

Type of Event: Workshop

Title of Event: Two-day National Workshop on Machine Learning using Python

Description:
Machine Learning Using Python Two Day National Level Workshop was organized by Computer Science and Engineering Department – Artificial Intelligence & Machine Learning Department on 30 and 31st May 2022 at Lords Institute of Engineering and Technology, Hyderabad, An Autonomous institution accredited by NAAC (A Grade) and NBA. Thanks to the management of LIET, especially Mrs. Rizwana Begum, Secretary Madam, Mr. Touseef Ahmed, Vice Chairman Sir, Dr. Narasimhulu, Principal Sir for en-couragement and facilitating conduct of events for the benefit of students.
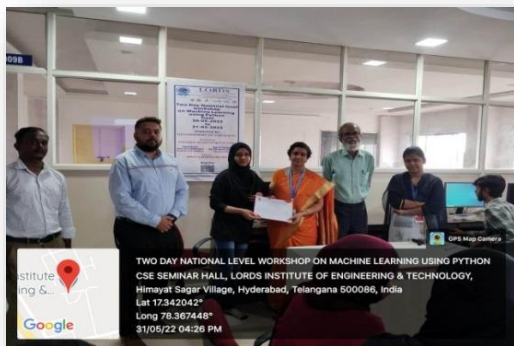Total 110 students from various (CSE-AI&ML, ECE, etc.,) departments have attended the Workshop. MS. Divyanjali, Manager of Pantech e-Learning, Hyderabad branch with their team has conducted the Two-day National level workshop. AI&ML basics, Ma-chine learning basic concepts, python library files, data visualization were taught in first day with hands-on sessions. Support Vector Machine, NLP concepts and two real time application were done in the second day sessions.
The event was presided by Dr. C.V.Narasimhulu, Principal, Dr.T.K.Shaik Shavali, Dean, CS&SA, Dr.L.K.Indumathi, HOD, CSE-AI&ML Dept and co-ordinated by Mr. Abdul Rais, Associate Head, CSE-AI&ML Department.

Date: 30/05/2022 to 31/05/2022

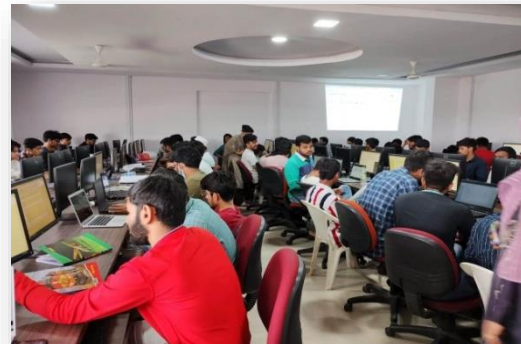**Department:** Computer Science & Engineering – AI&ML

No of Participants: 110

Certificate Distribution

Photo of Workshop

Photos of event with Hands on Practice

*Dreams are not what you see in sleep.
It Is the thing which does not let you sleep. -
Dr. Abdul Kalam.*

Parent Teacher Meet

Name of Event : Parent Teacher Meet

Department : CSE (AI & ML)

Date : 04-06-2022

No. of participants attended : 28

Objective of the event:

The Parent Teacher Meeting for B.E. 4 rd Semester was organized on 04/06/2022 to discuss about student's progress and performance at the institute. The goal was to build a healthy relationship with the students and parents. The parents were intimated about the meeting well inadvance through telephone by class in charge and mentor**.**

Blood Donation Camp

Date of event: 30th March,2022

Department / Cell: NSS

No. of participants: 94+ Students donated Blood

Venue: Main Seminar Hall

Food Festival & Ethnergy

Date of event: 28st May, 2022

Department / Cell: Cultural Committee

No. of participants: 2000 (College Students), 800(Other College Student)

Description:
Ethnergy, a Food Fest and Ethnic Wear Day was conducted at Lords Institute of Engineering and Technology in Lords Cricket Grounds on 28-05-2022in order to promote cultural, unity in diversity by wearing various state dresses and various states food habits and tastes, to become entrepreneurs... in hotel industry with technology for interested students... The day started with faculty and students wearing different outfits and attires, with 45 stalls of different mouth-watering dishes and foods were setup in the campus grounds .Many stalls were sponsored from outside.

The event was inaugurated by Honourable Secretary Mrs. Rizwan Begum along with the Principal Dr. C. V. Narasimhulu and was graced by Joint Secretary Mr. Syed Tanveer Ahmed along with Deans and heads of the departments.

The students of the college showed their interest towards different varieties of food in their stalls. Around 2000 students attended the fest in which almost 800 students of other colleges also joined.

The fest concluded with prize distribution ceremony for best ethnic wear for faculty and students and best stalls in the event and vote of thanks by the Convener Dr. T. K. Shaik Shavali and thanked the event coordinators Mr Md. Nizar, Ms Rumeza, Mr Hafeez and Mr. Mohammed Siraj for the arrangements.

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always:
try{
      your best and;
      do{
      what you need to do;
      }while (you still have the time);

      for(opportunity; comes; only once){
         so grab the chance;
      }
if(you fail)
      throw "all your worries";

}catch(yourself){
      everytime you fall;
      and you know to Whom
      you should goto always;
}
```

5. Student Mentoring

- Improved academic performance
- Improved academic self-efficacy
- Improved satisfaction with academic programs
- Improved interpersonal communications
- Benefits of Placements and Training
- Motivating for NPTEL Certifications

6. Faculty Achievement / Awards

Mr Abdul Rais, Assistant Professor, Dept .of CSE(AI-ML)got Appreciation from SWAYAM-NPTEL as an Active SPOC based on performance at the local chapter

Book Publications:

Sr No	Name of Author	Title of the Book/Book Chapters	Name of the Publisher	ISBN Number	National/ International	URL
01	Dr. L. K. Indumathi, Mr.Abdul Rais, Ms. Javairia Begum	Introduction to Machine Learning for Business Analytics	Routledge Tylor & Francis Group, CRC Press	9781003206316	International	View

FDP Attended:

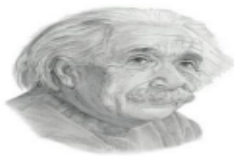| S.No.	Name of the faculty	Name of the program	Dates	Conducted by
1		Intellectual Property Rights	Feb 28,2022	CIF Jamia Millia Islamia
2	Ms. Javairia Begum	National Intellectual Property Awareness Mission	May 31,2022.	Intellectual Property Office, India.

6. Student Achievements

Sports:

Name: Mirza Ishaq Ali Baig
Department: CSE-AI&ML
Study Year: 2nd Year
Roll No: 160920748094
Name of Camp: Football CF FUENLABRADA
Venue: Fernando Torres Stadium, **Spain**
Date: 1st May to 31st may 2022
Prize / Medal / Participated: Official Training Test with Soccer Team

Name: Mohammed Najeebuddin Quadri
Department: CSE-AI&ML
Study Year: 2nd Year
Roll No: 160920748098
Name of the camp: Annual Training Camp (ATC-2)
Venue: Bison Training Ground, Secundrabad, Telangana
Date: 2nd May - 11th May
Prize/Medal/ participated: Camping in Annual Training Camp

7. Internship

S NO	ACADEMIC YEAR	NAME OF	NUMBER OF STUDENTS	NAME OF COMPANY
		NAJAM MOHIUDDIN AHMED	01	TECHGYAN
1	2021-22	ABDUL MUQTADER	01	ULEKTZ

A Person who never made a mistake never tried anything new.

-Albert Einstein