DIGITAL BRAINS
NEWSLETTER
2023-24 Sem-I

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2. Mr.Abdul Rais Abdul Waheed

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COMPUTER SCIENCE AND ENGINEERING - AIML

1.HOD'sMessage

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, analyzing 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 inactive learning by using the NPTEL lectures & videos, involving in technical events, out-bound 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. Abdul Rasool MD
Associate Professor & HOD

2.Vision & Mission

Vision of the Department:

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

Mission of the Department:

DM 1: To Provide intense training to generate knowledge using state of art Artificial Intelligence
and Machine Learning concepts and technologies.

DM 2: To bring along scholars and students in a interdisciplinary setting to carry on making substantial advances in expanding the potential of a machine or
human-machine systems
that can handle challenging higher cognitive functions.

DM 3: To encourage the formation of academic-industry collaborations and societal outreach projects.

DM 4: To educate students with modern tools to take part fully and ethically in a varied society while also encouraging lifelong learning.

Note: DM: Department Mission

3.Program Educational Objectives (PEOs)

PEO1: Students will have strong foundations in Basic Sciences, Mathematics, Computer Science and allied engineering.

PEO2: Students will use their knowledge and expertise to grow in their employment and/or pursue professional degrees, as well as to solve problems as innovators.

PEO3: Students will be able to solve issues artistically, interact efficiently and function properly in interdisciplinary teams while maintaining high work values and morals.

PEO4: Students will be able to react, produce and develop ideas in the fields of Artificial Intelligence and Machine Learning as well as cooperate successfully in researching.

4. Events Conducted by Departement

4.1 DAA – NP Complete and NP Hard Problems

Type of the event: Guest Lecture

Title of the event: "DAA – NP Complete and NP Hard Problems

Resource Person: The speakers Mr. Abdul Bari (Udemy Academy, Hyderabad) delivered a Guest Lecture about, what NP Problems are and what are its different types.

Description about the event (50 Words): A Guest Lecture was conducted on "DAA – NP Complete and NP Hard Problems" by the department of Computer Science and Engineering -Lords college of engineering and technology. This event was conducted at CSE Seminar Hall with students participating. Students were also explained the differences between the NP problems and Decidability Problems. Students understood the concepts NP problems and were able to differentiate between different types of problems in algorithms. They also understood the importance of the algorithm in computer science and with respect to the career advancement. Students were eager to have similar event in future to have support and career guidance from experts. Students as well as faculty members attended the seminar and appreciated the efforts.

Organized by: CSE-AIML

Date of event: 20-01-2024

No. of students/participants attended: 150

4.2 Parent Faculty Meet

Name of the event: Parent-Teacher Meet (Second Year)

Date of event: 06/01/24

No of Participants: 63

Organized by: Department of Computer Science and Engineering- AIML

Description: The Parent Teacher Meeting of the CSE-AIML department was conducted on 6th January 2024, in 117 Class Room for 3rd Semester 2nd year students. The academic progress of the students, their performance in CIE-1, attendance percentage, previous semester results, and activities conducted in the college, guest lectures, technical training, placements and professional bodies membership were discussed with the parents. Parents and students were counselled on how much time to spend on a daily basis to prepare to get good marks in the exam. 2nd -year students were also suggested to enroll in advanced programming courses, beyond the syllabus to get job ready till the end of their engineering course. Feedback, remarks and suggestions were taken from parents as well. The progress report for the current semester was handed over to the parents. Those students having consistently less attendance are recognised and counselled students and informed parents to send their wards regularly.

The main aim of this meeting was to build a healthy relationship among the teachers, parents and students. Head of the Department, Deans, Class In-charges, mentors interacted with the parents. Honourable Secretary madam, Principal Sir were present at the meeting and also spoke to the parents. There were around 63 participants.

Name of the event: Parent Teacher Meet (Third Year)

Description: Parent Teacher Meeting was held on 16th December 2023 at CSE-AIML Department at Room no 117. It was organized to discuss the performance of students with their parents. Parents were given responses on their ward's performances.

Excellent communication was maintained between the instructor and the parents regarding their child's development, and they discussed both the child's strengths and places for improvement. The Department provided the parents with a progress report that contained details regarding Ward attendance and internal test results. The recommendations from the parents were duly noted. All children, whether in the lower, middle, or upper range, who show signs of not improving are looked into and helped.

There were 29 parents present at the gathering. This is a positive figure, and the Department is grateful to the parents for coming to the PTM.As the PTM drew to an end, it became clear that parent-teacher collaboration, respect, and teamwork were essential to the growth and welfare of the students.

Date of event: 16-12-2023

Organized by: Department of Computer Science and Engineering- AIML

No of Participants: 29

4.3 Blood Donation Camp

Title: Blood Donation Camp for Thalassemia Patients

Description: The National Service Scheme unit of Lords Institute of Engineering and Technology, in collaboration with Thalassemia and Sickle Cell Society-Hyderabad, organized a Blood Donation Camp for Thalassemia Patients. The camp took place on January 17, 2024, at the 4th-floor Seminar Hall of LIET, from 10:00 am to 4:00 pm. Students from B.E., M.E., and M.B.A., along with numerous faculties of LIET, actively participated in the camp, generously donating their blood. By organizing this camp, the college aims to ensure a stable and accessible supply of blood for individuals with Thalassemia, a genetic blood disorder. By encouraging targeted blood donations, the camp helps support the ongoing medical needs of Thalassemia patients, enhancing their quality of life and managing their condition more effectively.

No. of participants: 226

Date of event: 17th January, 2024

Organized by: NSS Cell

Venue: Seminar Hall, 4th Floor, LIET

4.4 International Daughter's Day Celebration

Type of event: Formal

Title of Event: International Daughter Day Celebration

Chief Guest: Mrs. Rizwana Begum, Secretary, LIET

Description: Department of CSE-AIML and CSE-Data Science celebrated International Daughter's Day at Lords Institute of Engineering and Technology (A) on September 26, 2023. It was a heartwarming and joyous occasion, bringing together students, faculty, and staff to honor and appreciate the wonderful daughters within our community

Date of event: 26-09-2023

Organized by: CSE-AIML

No. of participants: 53

5. Student participations and Achievements

5.1 Sports Achievement

(State Level Champions)

Profile & Description

Name: Hablullah burhan Uddin
Department: CSE-AIML
Study Year: 3rd Year
Roll No: 160921748098
Name of event : Osmania University Inter College Wushu Tournament for (M&W) 2023-24
Venue : L B Stadium Nampally Hyderabad
Date: 06/02/2024
Prize / Medal / Participated : Gold Medal

Profile & Description

Name: Omer Mohammed Dayani
Department: CSE-AIML
Study Year: 4th Year
Roll No: 160920748109
Name of Event: Osmania University Inter College Judo Tournament
Venue: Lords Institute of Engineering & Technology
Date: 18th Jan, 2024
Prize / Medal / Participated: Gold Medal

Profile & Description

Name: Syed Ali
Department: CSE-AIML
Study Year: 3rd Year
Roll No: 160921748057
Name of event : Osmania University Inter College Judo Tournament
Venue : Lords Institute of Engineering & Technology
Date: 18th Jan, 2024
Prize / Medal / Participated : Silver Medal

Profile & Description

Name: Abdul Aziz Ramzan
Department: CSE-AIML
Study Year: 4th Year
Roll No: 160920748310
Name of event : Osmania University Inter College Judo Tournament
Venue : Lords Institute of Engineering & Technology
Date: 18th Jan, 2024
Prize / Medal / Participated : Silver Medal

Profile & Description

Name: Hablullah burhan Uddin
Department: CSE-AIML
Study Year: 3rd Year
Roll No: 160921748098
Name of event : Osmania University Inter College Boxing Tournament 2023-24 for Men
Venue : Nizam College Nampally, Hyderabad
Date: 07th to 08th Dec, 2023
Prize / Medal / Participated : Silver Medal

Profile & Description

Name: Syed Ali
Department: CSE-AIML
Study Year: 3rd Year
Roll No: 160921748057
Name of event : Osmania University Inter College Wrestling Tournament
Venue : Indoor Stadium, OU Hyderabad
Date: 17th to 18th Nov 2023
Prize / Medal / Participated : Bronze Medal

Profile & Description

Name: Omer Mohammed Dayani
Department: CSE-AIML
Study Year: 4th Year
Roll No: 160920748109
Name of event : Osmania University Inter College Wrestling Tournament
Venue : Indoor Stadium, OU Hyderabad
Date: 17th to 18th Nov 2023
Prize / Medal / Participated : Bronze Medal

(All India Inter University & National Champions)

Profile & Description

Name: Omer Mohammed Dayani
Department: CSE-AIML
Study Year: 4th Year
Roll No: 160920748109
Name of event : All India Inter University Judo (M&W) Championship
Venue : Guru Nanak Dev University Amritsar Punjab
Date: 05th to 8th February 2024.
Prize / Medal / Participated : Participated

Profile & Description

Name: Abdul Aziz Ramzan
Department: CSE-AIML
Study Year: 4th Year
Roll No: 160920748310
Name of event : All India Inter University Judo (M&W) Championship
Venue : Guru Nanak Dev University Amritsar Punjab
Date: 05th to 8th February 2024.
Prize / Medal / Participated : Participated

5.2 Academic Student Achievement

Congratulations to the following students of Lords Institute of Engineering and Technology (A) for their outstanding performance at the State Level India Skills Competition held on March 11, 12, and 13, 2024, at the Federation of Telangana Chambers of Commerce and Industry (FTCCI), Red Hills, Hyderabad, across eleven different venues. The students showcased their talents in various skills and interacted with National Level Officials and Representatives of NSDC. The officials commended the winners for their remarkable achievement and selection at the National level.

Winners:
 1. Mohammed Abdul Qavi, 1st year CSE-AIML - Restaurant Services (Skill)
 2. Mirza Mohsin Baig, 1st year CSE-AIML- Automobile Technology (Skill)
 3. Dawood Khan, 3rd Year AIML - Bakery (Skill)

The GitHub Education team recently hosted an exclusive Campus Expert summit on February 8, 2024, where they invited Afnan Abdul Vasay, the founder of CodeWave Hub and a student from the CSE-AIML Department along with 11 other Campus Experts from India. The purpose of this summit was to share insights on community impact and foster the tech ecosystem within the community. The event featured inspiring talks, collaborative discussions, and served as a melting pot of ideas, innovation, and camaraderie.

Maria Fatima Erum as the chairperson of IEEE and Mohammed Amaan Sarwar as the vice chair with the whole IEEE team went to BITS PILANI for quantum computing workshop and has received certificates from IBM and IEEE BITS PILANI

6.Faculty Contribution

6.1 Ph.D Pursuing Faculty Details

Sr N o	Faculty Name	Guide Name	University / Institute of registration	Year of Registration	Area of Re-search
1	Mohd Khaja Moizuddin	Dr. M. Kabeer, Associate Professor	B.S. Abdur Rahman Crescent institute of Science and Technology, Chennai	2016	Data Mining
2	Mohammed Tajuddin	Dr. M. Kabeer	B.S. Abdur Rahman Crescent institute of Science and Technology, Chennai	2016	Data Mining

6.2 Faculty Achievements

(Incentive for making Institute PPT and maintaining Website at the time NBA inspection)

(NPTEL Reimbursement in terms of ISTE Membership Given by Management)

(ISTE Membership Given by Management)

(Best Mentor Award)

(Marriage gift by Management)

6.3 FDP Attended

Sr No	Faculty Name	Topic	Name of Event	Name of organization	Venue	Duration with date
01	Sadia Kausar	Essentials of AI (Hands On)	Three day FDP On AI	Matrushri Engineering College	Matrushri Engineering College, Saidabad	14-16 September 2023
02	Zunaira Begum	Exploring the realm of Generative AI for Text and Image Processing	National Level FDP	VNR Vignana Jyothi Institute of Engineering and Technology	VNR Vignana Jyothi Institute of Engineering and Technology	19-24 February 2024
03	Farooqui Bilal Ahmed	Cloud Practitioner (AWS)	Faculty Development Program	Theem College of Engineering	Theem College of Engineering, Mumbai	18-23 September 2024

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE,EEE,ME,ECE,CSE,EIE,IT,AME, M.Tech. STRE, PE, AMS, SWE Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF (2023) Rank band:101-150 in Engineering Category
College with Potential for Excellence by UGC,JNTUH-Recognized Research Centres:CE,EEE,ME,ECE,CSE
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O.), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrvjiet.ac.in, Website: www.vnrvjiet.ac.in

CERTIFICATE OF PARTICIPATION

This certificate is Proudly Presented to:

Zunaira Begum

Assistant Professor of **Lord's institute of engineering and technology** for attending
One Week National Level PDP on **"Exploring the Realm of Generative AI for Text
and Image Processing"** from 19th to 24th Feb 2024 organized by the department of
CSE - AIML & IoT.

DR. N. SANDHYA
Convener

DR. C. D. NAIDU
Principal

ICTACADEMY

CERTIFICATE OF PARTICIPATION

C.No: 023-210023
Date: 23 Sep 2023

Farooqui Bilal Ahmed

THEEM COLLEGE OF ENGINEERING

has participated in 5 Day Faculty Development Program on

Cloud Practitioner (AWS)

conducted by ICT Academy on 18 Sep 2023 to 23 Sep 2023 at

THEEM COLLEGE OF ENGINEERING

In association with
aws

Hari Balachandran
Chief Executive Officer, ICT Academy

www.ictacademy.in

7.Internships & Training & Placement

7.1 Internships

(3rd Year students Internship)

S No	Name Of Company	Number of Students	Duration
01	Datapoint	95	1 month
02	Hunt metrics	33	1 month
03	Devised	1	1 month

7.2 Placement Summary

Very Well Deserved

Hearty congratulations to **Mr. Shaik Mudassir** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps** as Junior Data Scientist at a package of 5.00 lacs pa.

Shaik Mudassir
CSM

www.lords.ac.in

Very Well Deserved

Hearty congratulations to **Mr. Arshad Al Masqati** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps** as Junior Data Scientist at a package of 5.00 lacs pa.

Arshad Al Masqati
CSM

www.lords.ac.in

Very Well Deserved

Hearty congratulations to **Mr. Areeb Zaheer** of CSM **Department**, batch 2023-2024 on being selected in campus placement by **Coapps** as Junior Data Scientist at a package of 5.00 lacs pa.

Areeb Zaheer
CSM

www.lords.ac.in

Very Well Deserved

Hearty congratulations to **Mr. Mohammed Naheebuddin Quadri** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps** as Junior Data Scientist at a package of 5.00 lacs pa.

Mohammed Naheebuddin Quadri
CSM

www.lords.ac.in

LORDS
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Estd.2003 UGC AUTONOMOUS

Very Well Deserved

Hearty congratulations to **Ms. Syeda Safa Khaisar** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps as Junior Data Scientist at a package of 5.00 lacs pa.**

Syeda Safa Khaisar
CSM

www.lords.ac.in

coapps

LORDS
Institute Of Engineering and Technology
NBA Accredited | NAAC 'A' Grade | NABL Accredited
Estd.2003 UGC AUTONOMOUS

Very Well Deserved

Hearty congratulations to **Ms. Ismath Zehra** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps as Junior Data Scientist at a package of 5.00 lacs pa.**

Ismath Zehra
CSM

www.lords.ac.in

coapps

LORDS
Institute Of Engineering and Technology
NBA Accredited | NAAC 'A' Grade | NABL Accredited
Estd.2003 UGC AUTONOMOUS

Very Well Deserved

Hearty congratulations to **Mr. Mir Ali Abbas** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps as Junior Data Scientist at a package of 5.00 lacs pa.**

Mir Ali Abbas
CSM

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LORDS
Institute Of Engineering and Technology
NBA Accredited | NAAC 'A' Grade | NABL Accredited
Estd.2003 UGC AUTONOMOUS

Very Well Deserved

Hearty congratulations to **Mr. Abdullah Mohammad Nayeemuddin** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps as Junior Data Scientist at a package of 5.00 lacs pa.**

Abdullah Mohammad Nayeemuddin
CSM

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Institute Of Engineering and Technology
NBA Accredited | NAAC 'A' Grade | NABL Accredited
UGC AUTONOMOUS
Estd.2003

Very Well Deserved

Hearty congratulations to **Mr. Khaja Naseeruddin** of CSM **Department**, batch **2023-2024** on being selected in campus placement by **Coapps** as Junior Data Scientist at a package of 5.00 lacs pa.

Khaja Naseeruddin
CSM

www.lords.ac.in

coapps

LORDS
Institute Of Engineering and Technology
NBA Accredited | NAAC 'A' Grade | NABL Accredited
UGC AUTONOMOUS
Estd.2003

Very Well Deserved

Hearty congratulations to **Mr. Mohammed Junaid Moinuddin** of **CSM Department,** batch **2023-2024** on being selected in campus placement by **RK INFOSYSTEMS** as **Trainee Developer** at a package of **3.50** lacs.

Mohammed Junaid Moinuddin
CSM

www.lords.ac.in

RK INFO SYSTEMS
INNOVATION IS WHAT WE ARE

8.NPTEL Certifications

S.No	Course Name	Name of Faculty	No. of weeks course	Final Score	Certificate Type
1	Big Data Computing	Mohammed Tajuddin	8	94%	Elite+Gold
2	Big Data Computing	Sadia Kausar	8	83%	Elite+Silver
3	Data Structures using Java	Sayed Mujahed Husen	12	76%	Elite+Silver

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MOHAMMED TAJUDDIN

for successfully completing the course

Big Data Computing

with a consolidated score of **94** %

Online Assignments	22.08/25	Proctored Exam	72/75

Total number of candidates certified in this course: **2778**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Oct 2023

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL23CS112S537406424   To verify the certificate   No. of credits recommended: 2 or 3

Elite

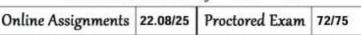## NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

SADIA KAUSAR

for successfully completing the course

Big Data Computing

with a consolidated score of **83** %

Online Assignments	23.33/25	Proctored Exam	60/75

Total number of candidates certified in this course: **2778**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Oct 2023

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL23CS112S537408478   To verify the certificate   No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAYED MUJAHED HUSEN

for successfully completing the course

Data Structure and Algorithms Using Java

with a consolidated score of **76** %

Online Assignments	23.44/25	Proctored Exam	52.88/75

Total number of candidates certified in this course: **3896**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL23CS85S737402630   To verify the certificate   No. of credits recommended: 3 or 4

9. Professional Society

S.No	Name of the Faculty	Membership Number	Period
01	Dr. Abdul Rasool Md	LM72859	Lifetime
02	Mr. Tajuddin	LM138892	Lifetime
03	Sadia Kausar	LM138936	Lifetime
04	Syed Mujahid Hussen	LM138898	Lifetime
05	Abdul Rais	LM120303	Lifetime
06	Naushad Ali	LM137825	Lifetime
07	Zunaira Begum	LM120306	Lifetime

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

-Albert Einstein

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