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DIGITAL BRAINS

NEWSLETTER

2022-23 Sem-II

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COMPUTER SCIENCE AND ENGINEERING - AIML

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1. 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, 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 in active 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. Faculty Contribution

3.1 Journal Publication

Sr No	Name of Author	Title	Journal	Month and year of publication	Indexing
01	1.Dr. Abdul Rasool Mohammed 2. Mr. Abdul Rais	Experimental Study of Machine Learning and Neural Networks Using Deep Learning	International Journal of Multidisciplinary Engineering in Current Research	15-09-2023	UGC Care
02	Dr. Abdul Rasool Mohammed	Using ML Techniques Revealing Sneaky Social Botting on Twitter by Analyzing User Profile Attributes	European Chemical Bulletin	09-06-2023	Scopus
03	Mr. Abdul Rais	Progression Forecasting for Stocks Using Deep Learning and Classification Algorithms	European Chemical Bulletin	09-06-2023	Scopus

3.2 Ph. D Pursuing Faculty Details

Sr No	Faculty Name	Guide Name	University / Instituteof 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	Mohammad Naqueeb Ahmad	-	Malla Reddy University, Hyderabad	2022	Artificial Intelligence
3	Mohammadi Javeria	-	Koneru Lakshmaiah University	2023	Artificial Intelligence
4	Mohammed Tajuddin	Dr. M. Kabeer	B.S. Abdur Rahman Crescent institute of Science and Technol-ogy-Chennai	2016	Data Mining

3.3 Faculty Achievements

Got appreciation and recognition from management for handling Entire NBA Criteria-4 and received incentive cheque

Got appreciation and recognition from NBA Expert Committee for maintaining Website and received incentive from College Management

Dr. Abdul Rasool MD got Research incentive for publishing patent

Dr. Abdul Rasool MD received Token of Respect and Recognition in Teacher's Day Celebration 2023

Mr. Abdul Rais Sir received Token of Respect and Recognition in Teacher's Day Celebration 2023

Got appreciation as ACTIVE SPOC of the semester JAN-APR 2023 from SWAYAM-NPTEL

3.4 FDP Attended

Sr No	Faculty Name	Topic	Name of Event	Name of organization	Venue	Duration with date
01	Dr. Abdul Rasool Mohammed	CLOUD INFRASTRUCTURE (AWS)	One Week National Level Faculty Development Program	BRAIN O VISION Solutions Pvt. Ltd	MATRUSRI ENGINEERING COLLEGE	21st - 25th AUG 2023
02	Dr. D Nowshad Ali	CLOUD INFRASTRUCTURE (AWS)	One Week National Level Faculty Development Program	BRAIN O VISION Solutions Pvt. Ltd	MATRUSRI ENGINEERING COLLEGE	21st - 25th AUG 2023
03	Mrs. Sadia Kausar	Essentials of AI (Hands-On)	3 Day Faculty Development Program	Soft computing Research Society	MATRUSRI ENGINEERING COLLEGE	14th – 16th September, 2023

FDP Certificates

5. Student Awards and Participation

5.1 Sports Achievement

Congratulations to CSE-AIML-3A Maria Erum roll no. 160920748032 for getting Sports Excellence award as Women Wrestling Champion and is recognized in Orientation Programme 2023 conducted at Lords Campus

Congratulations to CSE-AIML-3A Omer Mohammed Dayani roll no. 160920748109 for getting Sports Excellence award as Judo Champion and is recognized in Orientation Programme 2023 conducted at Lords Campus

5.2 Best Parent Award

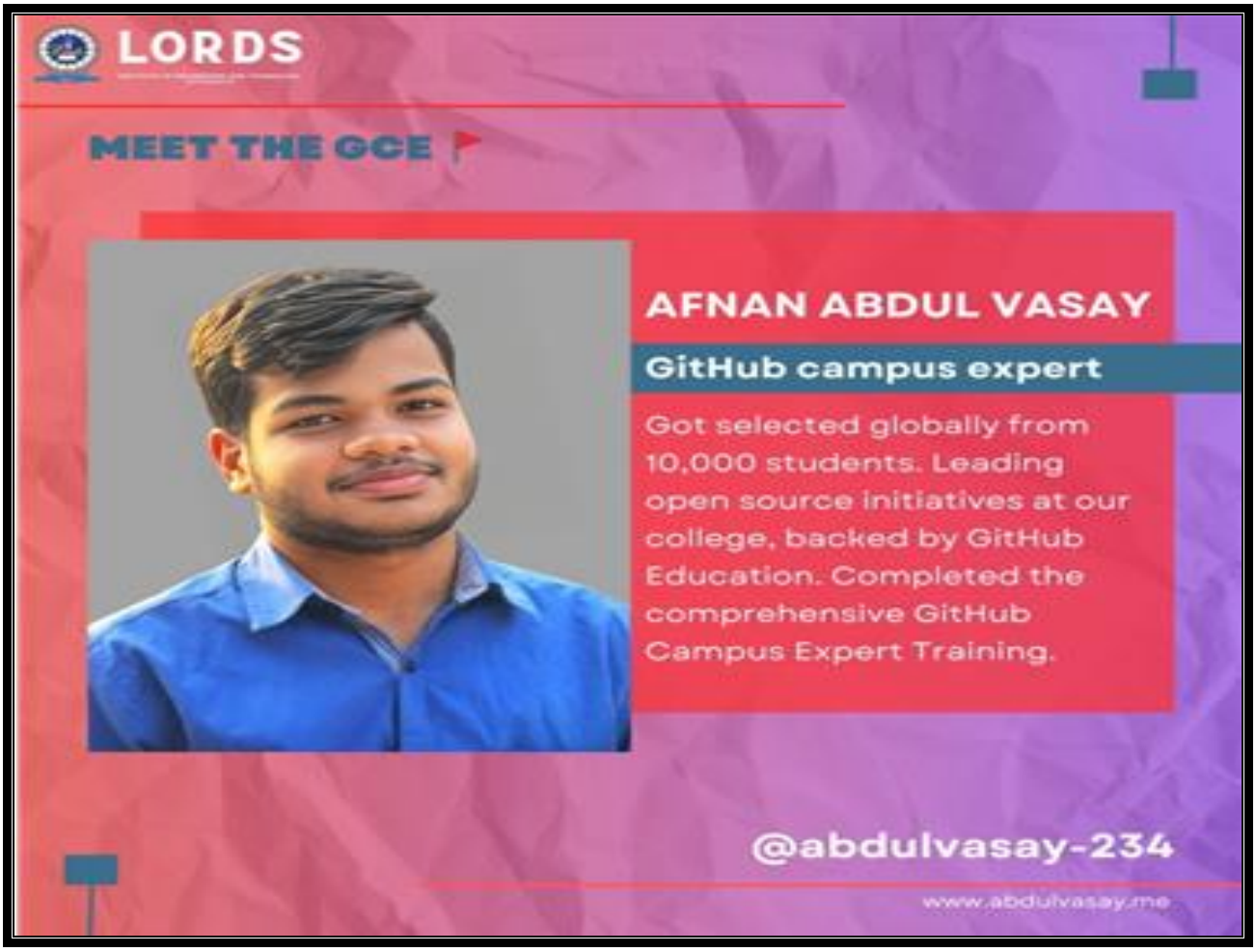
Best Parent Award received in Orientation Programme 2023

Best Parent Award received in Orientation Programme 2023

Best Parent Award received in Orientation Programme 2023

Best Parent Award received in Orientation Programme 2023

5.3 Academic Student Achievement



Congratulations to Afnan Abdul Vasay student of CSE-AIML for being selected as a GitHub Campus Expert, a rare honor achieved by a select few worldwide. From a pool of 10,000 global students, He has been honored to be chosen and also, he is one of the top 3 GitHub Campus Experts of Telangana State.

6. Event Conducted

6.1 Engineer's Day Celebration

Type of event: Formal

Title of the event: Engineer's Day Celebrations

Chief Guest: Mr. Syed Touseef Ahmed, Vice Chairman, LIET

Organized by : CSE & Allied Department

Description: Department of CSE & Allied Branches in association with Google Developer Student Club at Lords Institute of Engineering and Technology(A) celebrated Engineers' Day with zeal and innovation on 15th September,2023. Students showcased their engineering prowess through projects and competitions, emphasizing the importance of engineering in our daily lives. Eminent speakers shared insights, inspiring the future generation of engineers. It was a day of learning, creativity, and engineering excellence.

Date: 15th September 2023

No. of participants attended: 60+

Why coursera ?
Welcomes
ENGINEER'S
Day - 2023
Celebrations

Why coursera ?
Welcomes
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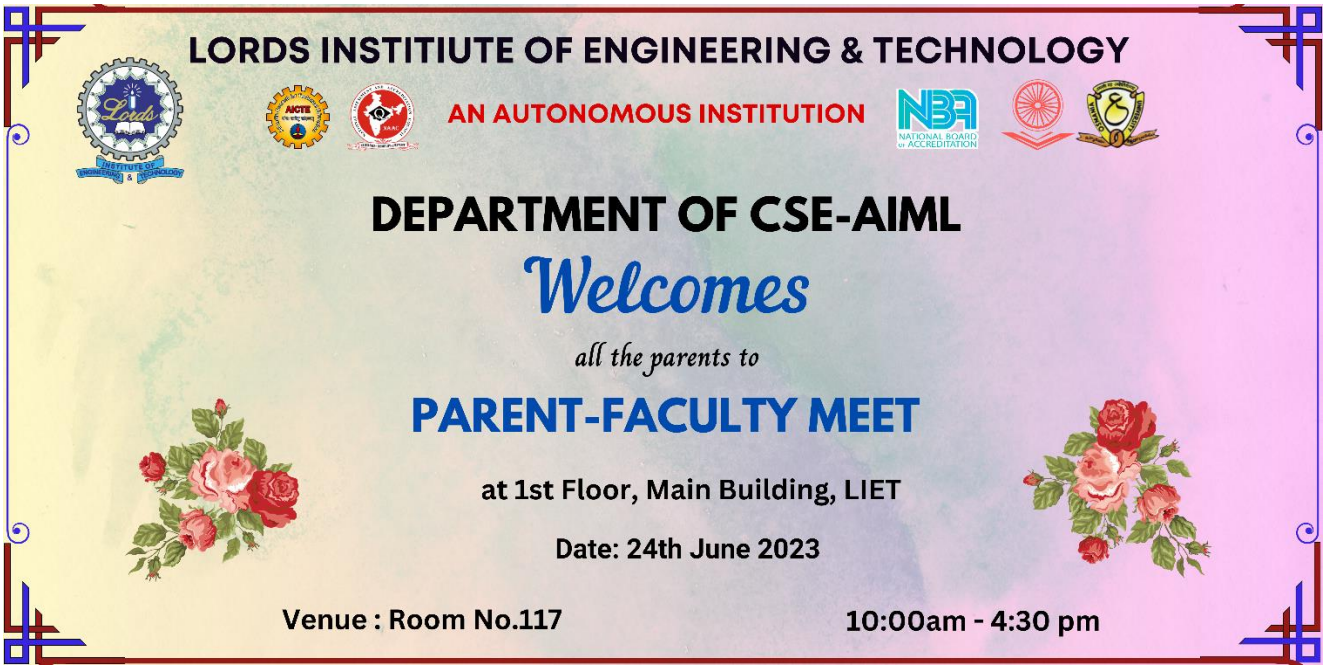
Celebrations

Welcomes
ENGINEER'S
Day - 2023
Celebrations

6.2 Parent Faculty Meet



Name of the event: Parent Teacher Meet

Date of event: 24-06-2023

Description: Parent Teacher Meeting was held on 26th June 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.
The contact between the teacher and the parents was excellent for the growth of their child, and they talked about both areas of strength and those that needed improvement. A progress report from the Department was given to the parents, which included information about Ward attendance and the results of internal exams. The parents' suggestions were successfully recorded. Any indication that a child is not making progress is investigated and dealt with, whether they fall into the lower, middle, or upper range. Total 65 parents attended the meeting. This is one of the good numbers; The Department really appreciates the parents for attending the PTM. As the PTM came to a close, it was determined that cooperation, mutual respect, and combined effort between parents and instructors were crucial for the development and well-being of the pupils.

Organized by: Department of Computer Science and Engineering – AIML

No of Participants: 65

6.3 Inauguration of Centre of Excellence in Artificial Intelligence

Type of the event: Inaugural Session

Title of the event: Inauguration of Centre of Excellence in Artificial Intelligence

Chief Guests: Ms. Arpita Agarwal Director- Education | Healthcare |Startups, Dell Technologies
1. Ms. Arpita Agarwal, Director – Education, Healthcare & Startups, Dell Technologies.
2. Mr. Nageswara Rao Kallepalli, Account Executive, Intel Corporation Telco and Cloud Computing
3. Mr. Ashim Patro, Dell OEM AP & TS.
4. CA Tanvir Ahmed, Joint Secretary, Lords Institute of Engineering and Technology.

Description:

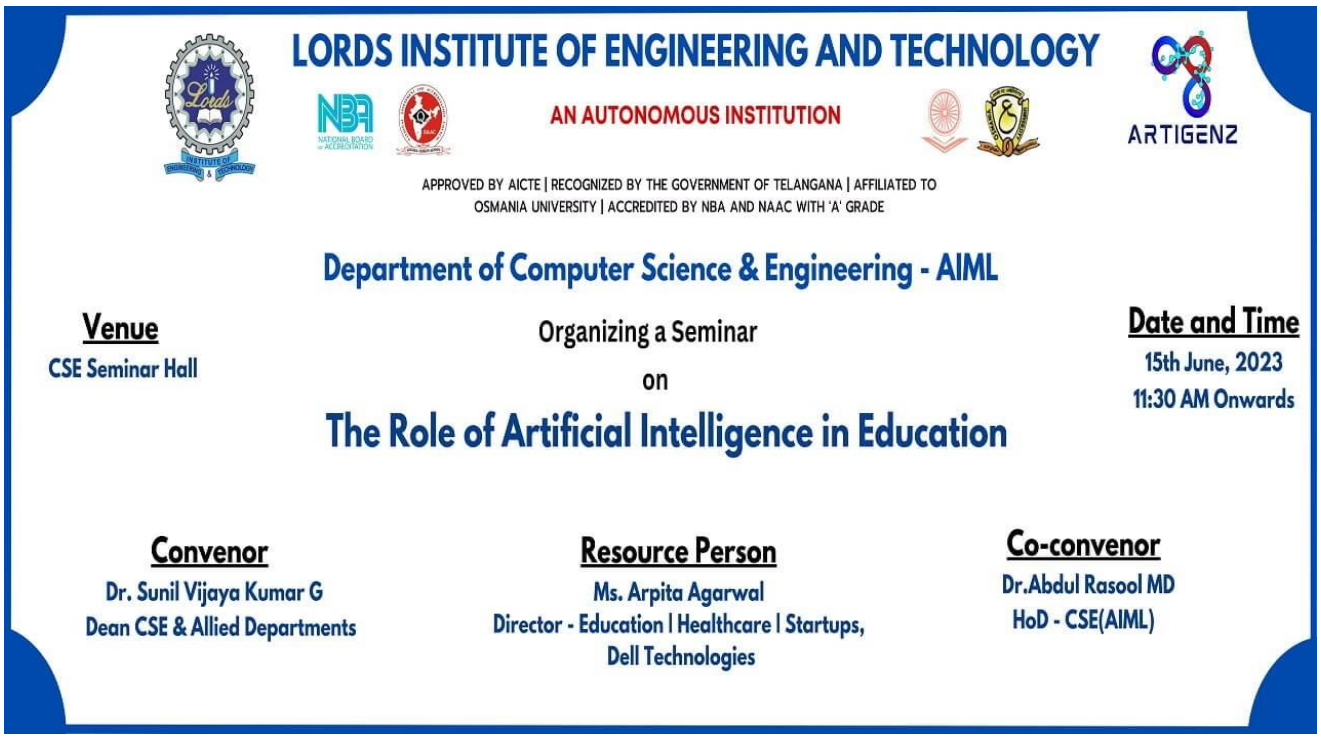
Lords Institute of Engineering and Technology (Autonomous) is proud to announce for establishing a state-of-the-art Center of Excellence in Artificial Intelligence in collaboration with Dell Technologies and Intel Corporation. This collaboration aims to provide students with a unique learning journey towards AI readiness, equipping them with the necessary skills to excel in the field of artificial intelligence. The Center of Excellence in Artificial Intelligence, a testament to LIET's commitment to holistic development, will serve as a hub for cutting-edge research, innovation, and experiential learning opportunities in AI.

Dr. Abdul Rasool MD, HoD- CSE-AIML thanked to Lords management for nurturing the next generation of AI professionals by providing high-end facility to student. In future Students are going to be benefited by Dell Technologies and Intel Corporation in terms of Students Development Programs, Workshops, internships, Trainings etc which will be going to meet industry requirements.

Date of event: 15-06-2023

No. of students / participants attended: 150

6.4 Seminar on role of Artificial Intelligence in Education



Type of the event: Seminar

Title of the event: The Role of Artificial Intelligence in Education

Resource Person with one line short profile: Ms. Arpita Agarwal Director- Education | Healthcare |Startups, Dell Technologies

Description:
Department of CSE-AIML conducted a Seminar on "The Role of Artificial Intelligence in Education" at Lords Institute of Engineering and Technology Autonomous. The event was attended by 150 students. The Speaker was Ms. Arpita Agarwal Director- Education | Healthcare | Startups, Dell Technologies. Session was interactive and very much appreciated by the students and faculty members.

Date of event: 15-06-2023

No. of students / participants attended: 150

6.5-Day National Level FDP on "NextGen Employability Program"

Type of the event: Faculty Development Program

Title of the event: 5-Day National Level Faculty Development Programme on "NextGen Employability Program"

Resource Person with one line short profile: Mr. Poovaragavan Velumani, MICROSOFT CERTIFIED AZURE EXPERT

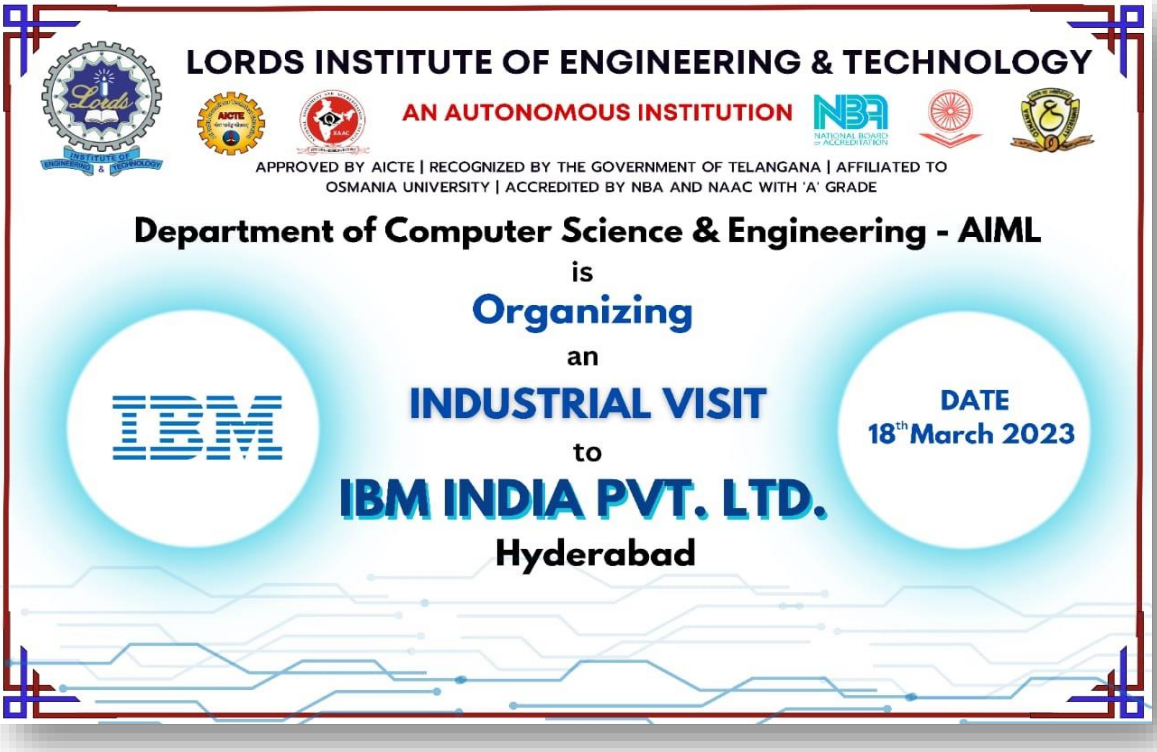
Description about the event (50 Words):
Department of CSE and Allied branches conducted 5- Day National Level Faculty Development Program on "NextGen Employability Program".
This FDP provides hands-on training to effectively use, customize, and work over cloud services. In addition, administrators will learn how to perform essential wan administration tasks including creating instances, Storage, mail server, load balancing, and many more things

Organized by: CSE & Allied Departments

Date of event: 23-03-2023 to 28-03-2023

No.of participants attended: 70

6.6 Industrial Visit to IBM



لارڈس انجینئرنگ کالج طلبہ کا آئی بی ایم انڈیا کا صنعتی دورہ

حیدرآباد 19 مارچ (پریس نوٹ) لارڈس انسٹی ٹیوٹ آف انجینئرنگ اینڈ ٹیکنالوجی کے شعبہ سی ایس ای۔اے آئی ایم ایل کی جانب سے طلبہ کو صنعتی دورہ کے سلسلہ میں کل آئی بی ایم انڈیا پرائیوٹ لمیٹیڈ، ہائی ٹیک سٹی لے جایا گیا جہاں طلبہ نے چار فیکلٹی ممبرس کے ساتھ کارپوریٹ دنیا اور اس کے کام سے واقفیت حاصل کی۔ 56 طلبہ نے کالج بس میں یہ دورہ کیا۔ ان طلبہ کو سافٹ ویر کلچر، ریزیومس کی تیاری، انٹرویوز کے لئے کس طرح تیاری کی جائے اس کے بارے میں بتایا گیا۔ نیز طلبہ کو لیاب ٹور کروایا گیا، اسٹور تیج سرورس، مختلف نیٹ ورکنگ اور انٹرنیٹ ورکنگ ڈیوائسیس کے بارے میں واقف کروایا گیا۔

سیاست Mon, 20 March 2023

విద్యార్థులు ఉన్నత స్థాయికి ఎదగాలి

● లార్డ్స్ కాలేజీ కార్యదర్శి రిజ్వానాబేగం

నవతెలంగాణ-గండిపేట్

విద్యార్థులు అన్ని రంగాల్లో రాణిస్తూ ఉన్నత స్థాయికి ఎదగాలని లార్డ్స్ కాలేజీ కార్యదర్శి రిజ్వానాబేగం అన్నారు. శనివారం గండిపేట్ మండలం హిమాయత్ సాగర్‌లోని లార్డ్స్ ఇంజినీరింగ్ కాలేజీల్లో కార్పొరేట్ విధానాలపై విద్యార్థులకు అవగాహన కల్పించారు. ఈ కార్యక్రమంలో 56 మంది విద్యార్థులు పాల్గొన్నారు. ఈ సందర్భంగా రిజ్వానాబేగం మాట్లాడుతూ విద్యార్థులు సాఫ్ట్‌వేర్, సంస్కృతిక రంగాల్లో విజయం సాధించాలన్నారు. ఉద్యోగం కోసం రిజ్యూమ్‌లను తయారు చేసుకునే విధానంపై, ఇంటర్వ్యూలకు ప్రిపేర్ , తదితరల అంశాలపై పూర్తి అవగాహన ఉండాలని సూచించారు.వివిధ ఇంటర్‌నెట్ వర్కింగ్ విధానాలపై, పరికరాలపై అవగాహన తప్పనసరిగా పెంచుకోవాలని సూచించారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ నర్సింహులు, వైస్ చైర్మెన్ తోసీప్, విద్యార్థులు తదితరులు పాల్గొన్నారు.

Type of event: Industrial Visi

Name of the Company: IBM India Pvt. Ltd

Place of Visit: Raheja Mindspace, Hitech City Madhapur, Hyderabad

Description: Industrial visit to "IBM India Private Limited ", at Hitech City, Hyderabad was organized by the Department of CSE-AIML at Lords Institute of Engineering and Technology (A) on Saturday i.e., 18-03-2023. Students got real time exposure about the corporate world and its functioning with 4 faculty members, 56 students visited the place by college bus.
Session -1: Students were briefed on
a) Software culture
b) How to build Resumes, prepare for Interviews
d) How to up-skill, re-skill and multi-skill themselves accordingly
Session -2: Students were briefed in "How to build career in testing"
Session -3:
a) Success Stories
b) Lab Tour
– IBM developed IBMAIX OS
– Storage Servers
– Various Networking and Internetworking devices

Organized by: Department of CSE-AIML

Date of Visit: 18/03/2023

Government / Private: Private

No. of participants Visited: 56 Students + 4 Faculties

IBM
INDUSTRIAL VISIT
IBM INDIA PVT. LTD.
Hyderabad

EIB
EIB
LORDS
LORDS
LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Computer Science & Engineering - AIML
Organizing
INDUSTRIAL VISIT
IBM INDIA PVT. LTD.
Hyderabad
TS12
UD 8937

7. Internships & Training Programme

An excellent 4-week Ethical Hacking training program is currently underway at the Lords Institute of Engineering and Technology, conducted by the Computer Science and Engineering (CSE) and Allied departments. The program featured addresses and interactions with Mr. Harpreet Singh, the former IT Principal Secretary of Telangana, and the former Director General of Marri Chennai Reddy HRD, as well as Mr. Ayub, the CEO of Hunt metrics Trainers. The students received hands-on training in cyber security tools, gaining awareness of various security threats and breaches, and learning how to safeguard data. The active participation of students allowed them to acquire valuable insights into cybersecurity.

3rd Year students Internship

S No	Name Of Company	Number of Students	Duration
01	YBI Foundation	27	1 Month
02	forage	5	1 Month
03	Data point	14	1 Month
04	Hooki pharama	02	2 Months
05	cognizant	05	1 Month
06	Sales force	04	2 Month
07	Bald Eagle Veritas Pvt. Ltd	01	4 Months
08	Altruism Labs	02	3 Months
09	Solar secure Solution	01	2 Months
10	ABC Inudustries LLC	01	2 weeks
11	veterinary consultancy services	01	1 Month
12	Zak's trade and Service Co	01	6 Months
13	Forage(TATA)	01	1 Month
14	Institute of Electronics and Telecommunication engineer	01	3 Months
15	InnGen Research Services Pvt. Ltd	01	3 Months

2nd Year students Internship

S No	Name Of Company	Number of Students	Duration
01	Datapoint Info Solutions Pvt Ltd	119	1 Month
02	Hunt Metrics Pvt Ltd	51	1 Month
03	Datapoint IT and Hardware Pvt Ltd	22	1 Month

DATAPOINT

AI FOR YOUTH
FOUR STAGE LEARNING JOURNEY
TOWARDS AI READINESS
AI SKILLS MAP

OURNEY
ESS

YOUTH
ARNING JOURNEY
I READINESS
AI SKILLS MAP
INSPIRE
ACQUIRE
EXPERIENCE
EMPOWER

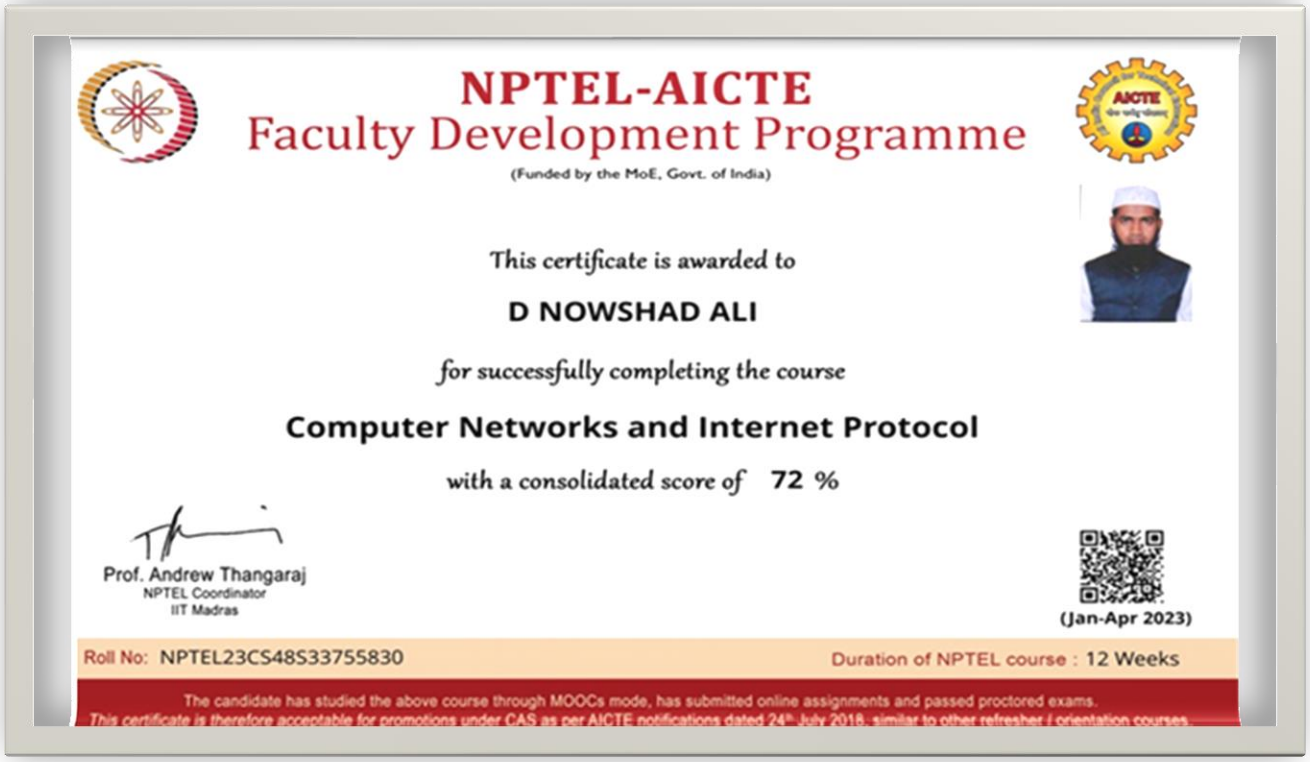
AI FOR YOUTH
FOUR STAGE LEARNING JOURNEY
TOWARDS AI READINESS
AI SKILLS MAP

8. Memorandum of Understanding

S.No	Name of the Organization with which MOU signed	Government/ Non-Government	Month & Year of MOU Signed	Duration
1	Datapoint Info Solutions Pvt Ltd	Non-Government	15th Sept, 2023	3 Years

9. NPTEL Certifications

S.No	Course Name	Name of Faculty	No. of weeks course	Final Score	Certificate Type
1	Computer Networks and Internet Protocol	D Nowshad Ali	12 Weeks	72%	Elite



NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

D NOWSHAD ALI

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of 72 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2023)

Roll No: NPTEL23CS48S33755830

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.

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.