# Department of INFORMATION TECHNOLOGY

#### **Editorial Board**

Chief Editor & Advisor:

Dr. K. Nagi Reddy Professor & HOD-IT

#### **Faculty:**

- 1. Mr. Suraj Prakash Yadav, Associate Professor
- 2. Ms. Saleha Butool Assistant Professor

#### **Students:**

- 1. Ibaad Mohammed 160919737022 B.E.-I.T.(A)-VIII-Sem.
- 2. Abdul Rahman 160920737014 B.E.-I.T.(A)-VI-Sem.

# NEWSLETTER

2022-2023

(EVEN Semester)

**IT FORUM** 



# LORDS INSTITUTE OF ENGINEERING & TECHNOLGOY (An Autonomous Institution)

Approved by AICTE | Affiliated to Osmania University | Estd. 2002 | Accredited 'A' grade by NAAC

# **INDEX**

S.No		Page
5.110	Contents	No.
Ι	Foreword	i
Ii	Vision and Mission of Department	ii
Iii	Program Educational Objectives(PEOs)	iii
1	Faculty Contributions	
	1.1 Patents Granted	1
	1.2 Patents Publication	1
	1.3 Book/Book Chapter Authored	2
	1.4 Ph.D Pursuing	2
	1.5 Faculty Attended FDPS/Workshops/Seminar/Guest lectures	3
2	Professional Society	4
3	NPTEL Certifications	5
4	Events	
	4.1 A 5-Day National Level Faculty Development Program "NextGen Employability Program"	6
	4.2 A 3-Day Workshop on "Amazon Web Services"	8
	4.3 A 3- Day Extensive Training on "Aptitude for Advanced Learnersof II & III Year Students"	10
	4.4 Guest Lecture on "Operating Systems"	12
	4.5 Tech Talk on "Emergence of AI Tools"	14
	4.6 Parent Teacher Meeting	16
5	Placements	18
6	Internships	20
7	Students Participations and Achievements	
	7.1 Students Publications	21
	7.2 Awards/ Rewards	22
	7.3 Technical Events	24
	7.4 Sports-State/National/ International Level	25

#### i. Foreword

### Dr.K.Nagi Reddy

Professor & Head, Department of Information Technology



Greetings...!

The Department of Information Technology 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 capabilities among the learners.

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 and provided with all required support to involve themselves in the Research Activities with includes Ph.D. Registration, Publishing Research Papers/articles in reputed journals, conferences, participate in Faculty Development Program and workshops.

The department preserves its achievements and publishes its all activities by bi–annual magazine **'IT-FORUM'** I extend my sincere thanks and regards to the Management, Principal and the Staff members of the I.T. Department who always support me to implement my plans for the development of the Department.

It gives me immense pleasure to lead the department of Information Technology,

Best wishes...!

## ii. Vision & Mission of Department

#### Vision

To be a preferred department of learning for students and teachers alike, with dual commitment to academics and research, serving students in an atmosphere of innovation, team work and critical thinking to adapt to ever changing world.

#### Mission

- DM1: To provide adaptable education preparing the graduates for are warding career in InformationTechnology and related industries, in tune with evolving needs of the industry.
- DM2: To prepare the students to think professionally and apply their knowledge critically and innovatively in solving professional and social problems.
- DM3: To offer high quality education in the fields of computing by providing rich environment ofknowledge and research for professional and personal growth of students as well as faculty

#### Note: DM : Department Mission

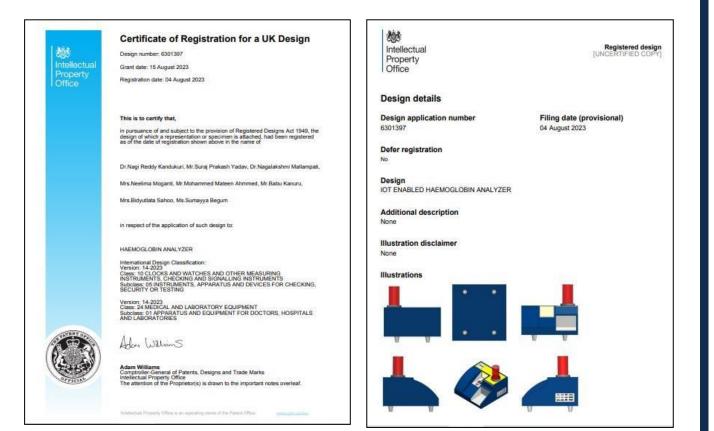
## *iii.* Program Educational Objectives (PEOs)

- PEO1: Be a competent software engineer/developer either as an individual or as a team player in IT industry and allied branches providing viable solutions.
- PEO2: To make students and faculty excel in their professional fields by inculcating communication skills, leadership skills, team building skills by organizing various co-curricular and extra-curricular programmes.
- PEO3: Exhibit professional excellence through ethics, adopt an education approach that promotes lifelong learning as a responsible citizen with societal interest.

# 1. Faculty Contributions

#### **1.1 Patents Granted**

Sr	Name of	Title of	Application	National /	Grant	Patent
No	Inventor(s)	Invention	Number	International	Date	No.
1	Dr. K Nagi Reddy, Ms. Suraj Prakash Yadav, Ms. M Neelima, Mr. Mohammed Mateen Ahmmed, Ms. Sumayya Begum	Haemoglobin Analyzer	6301397	International	15/08/2023	6301397



#### **1.2 Patents Publications**

S.No.	Name of Inventor	Title of Invention	Application Number	Publication Date	National/ International
1.	Mrs. Kaneez Fatima, Mrs. Hajira Sabuhi,	Intelligent Machine Learning Based Chip Control Oxygen Concentrator with Filter	380931-001	19/05/2023	National

# 1.3 Book/Book Chapter Authored

S.No.	Name of Author	Title of Chapter	Name of Publisher	ISBN Number	National / Internat ional
1.	Mr. Suraj Prakash Yadav	Reconstruction of the Entrepreneurship Eco- System using Data Mining for Decision Making and Support System	Jupiter Publications Consortium	978-93-91303-60-0 April 2023	National
2	Mr. Suraj Prakash Yadav	Data Management Using Big Data Analytics and Hadoop Ecosystem	Taran Publication	978-93-92313-62-2 March 2023	National

## 1.4 Ph.D Pursuing

S.No	Faculty Name	University of Registration	Year of registration	Торіс	Area of Research
1.	Mr. Suraj PrakashYadav	Gondwana University State Govt. University, Maharashtra	2020	Prediction Analysis Frameworkusing Data Slicing Techniques for Recurrent Pattern Discovery	Data Mining, BigData Analytics and AI
2.	Ms. M Neelima	KLU	2021	Fertilizer Recommendation based on Plant Leaf Disease	AIML
3.	Mr. Syed Juber	Anurag University	2023	Topic under review for finalization.	AIML
4.	Mr. Mohammed Mateen Ahmmed	KLU	2021	Microarrays usage for Dataanalysis and prediction in biomedical advances using Machine Learning	AIML
5.	Ms. Saleha Butool	KLU	2022	Brain Tumor detection and classification	AIML
6.	Ms. Neha Hasan	KLU	2022	Detecting lung nodule using convolutional neural network	AIML

# 1.5 Faculty Attended FDPS/Workshops/Seminar/Guest lectures

S No	Faculty Name	Торіс	Name of event	Name of Organization	Venue	Duration with date
1	Mrs. Kaneez Fatima	ICT Tools for Digital Learning, Students engagement and Industry Connect	FDP	Wayne University	Online	7/02/2023
2	Mrs. Khutaija	Python Programming	FDP	E & ICT Academy, IITKanpur	Online	13/03/2023 to 17/03/2023
	Abid	Machine Learning	FDP	E & ICT Academy, IITKanpur	Online	27/03/2023 to 02/04/2023
3	Ms. Saleha Butool	Machine Leaning in Health Care: State of Art , Challenges & Future Directions	FDP	KLEF	Online	03/07/2023 to 05/07/2023
	Dutoor	Research Methodology	FDP	KLEF	Online	26/06/2023 to 08/06/2023
		Design and Analysis of Algorithms	FDP	NPTEL	Online	Jan 2023 to April 2023
4	Ms. Neha Hasan	Machine Leaning in Health Care: State of Art , Challenges & Future Directions	FDP	KLEF	Online	03/07/2023 to 05/07/2023
		Research Methodology	FDP	KLEF	Online	26/06/2023 to 08/06/2023
		Design and Analysis of Algorithms	FDP	NPTEL	Online	Jan 2023 to April 2023
5.	Ms. Sumayya Begum	Enhancing soft skills and personality	FDP	NPTEL	Online	Jan 2023 to April 2023
6.	Ms. M Shilpa	Introduction to Internet of Things	FDP	NPTEL	Online	Jan 2023 to April 2023

# 2. Professional Body Memberships

## **2.1 Faculty Membership Details**

S No.	Membership Type	Total Faculty Members
01	IEEE	06
02	ISTE	07
03	ISCA	01

# 2.2 IEEE Membership

S.No	Name of the Faculty	IEEE Membership Number
1	Mr. K Somnatha Rao	92528600
2	Mr. Suraj Prakash Yadav	98329221
3	Ms. Neha Hasan	98498539
4	Ms. Neelima M	98500112
5	Ms. Kaneez Fatima	98497941
6	Ms. Sumayya Begum	98500180

## 2.3 ISTE Membership

Sl. No.	Name of the Faculty	Membership Number	Period
01	Dr.K.Nagi Reddy	LM 38315	Life Member
02	Mr.Amer noor Khan	LM 120316	Life Member
03	Mr. Mateen Ahmed	LM 120307	Life Member
04	Ms. Sumayya Begum	LM 134112	Life Member
05	Mr. Suraj Prakash Yadav	LM 136525	Life Member
06	Mrs. B. Nagalakshmi	LM 136648	Life Member
07	Ms. Saleha Butool	LM 136552	Life Member

## 2.4 ISCA Membership

Sl. No.	Name of the Faculty	Membership Number	Period
01	Mr. Suraj Prakash Yadav	L37371	Life Member

# 3. NPTEL Certifications

# 3.1 Faculty

S No	Course Name	Name of Faculty	No. of weeks course (12Wk/8Wk/ 4Wk)	Final Score	Certificate Type
1	Enhancing Soft Skills and Personality	Sumayya Begum	8 weeks	76%	Elite+Silver
2	Introduction To Internet Of Things	M Shilpa	12 weeks	75%	Elite+Silver
3	Fundamental Algorithms: Design And Analysis	Neha Hasan	8 weeks	68	Elite
4	Problem Solving Through Programming In C	B Naga Lakshmi	12 weeks	68	Elite
5	The Joy of Computing using Python	Amer Noor Khan	12 weeks	64	Elite
6	Python for Data Science	Syed Juber	8 weeks	55	Successfully completed
7	Fundamental Algorithms: Design And Analysis	Saleha Butool	8 weeks	53	Successfully completed

# **3.2 Students**

S No	Course Name	Name of Student	No. of weeks course (12Wk/8Wk/ 4Wk)	Final Score	Certificate Type
1	Programming In Java	Mohammed Aman Anzar	12 weeks	63%	Elite
2	Programming In Java	Mohammed Aslam	12 weeks	64%	Elite

## 4.1 A 5-Day National Level Faculty Development Program 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 : Mr. Poovaragavan Velumani, MICROSOFTCERTIFIED AZURE EXPERT

**Description:** 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

## Banner









## 4.2 A 3-Day Workshop on "Amazon Web Services"

Type of event: Workshop

Title of the event: A 3-Day Workshop on Amazon Web Services

Resource Persons: 1. Mr. Uzair Mirza Baig, IT IV year2. Mr. Ibaad Mohammed, IT IV year3. Mr. Sharib Khan, IT IV year

Organized by: Department of Information Technology

**Description:** Information Technology Students Association of IT Department has conducted a "3-Day Workshop on AWS" for B.E. II & III Year students at Lords Institute of Engineering and Technology. The resource person for the Workshop was Mr. Uzair Mirza Baig, IT IV year , Mr. Ibaad Mohammed, IT IV year, Mr. Sharib Khan, IT IV year, Lords Institute of Engineering and Technology. The event was graced by the Convener & HOD –IT, Dr. K. Nagi Reddy and Dr. C. V. Narsimhulu, Principal, LIET along with Dean CSE & Allied Branches, Dean IQAC and Dean Student affairs.Mementos and Cash prizes were distributed to the resource persons and assessment toppers by Dr. C V Narsimhulu, Principal LIET

Date: 3rd, 4th & 6th April 2023

#### No. of participants attended : 53

#### **Banner**:

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	Int	formation Te	echnolog	gy Stude	ents As	sociatio	on	
		Departmen	nt of Infe	ormation	Techn	ology		
Dates	Venue						President	Convenor
3",4 th & 6 th	Room No. 415						Uzair Mirza Baig	Dr. K. Nagi Redd
April 2023	4 <sup>th</sup> Floor Main Block , LIET						ITSA	HOD IT













# 

## 4.3 A 3- Day Extensive Training on "Aptitude for Advanced Learners of II & III Year Students"

#### **Type of event :** Training Program

Title of the event : A 3- Day Extensive Training on Aptitude" for Advanced Learners of II & III Year

Resource Person : Syam Kotakonda, CRT Trainer, Datapoint IT and Hardware Tech Pvt Ltd.

**Organized by :** Department of Information Technology

**Description:** A 3-Day Extensive Training on Aptitude was organized by the Department of Information Technology in association with Datapoint IT & Hardware Tech Pvt Ltd. from 17th to 19th April 2023 at Lords Institute of Engineering and Technology, Hyderabad. On total 66 students have registered for the event. The main objective of the training program aims to provide participants with the knowledge to enhance their quantitative and qualitative siklls apart from reasoning. This training will be helpful for placements and other competitive exams. The trainer was Mr. Syam Kotakonda from Datapoint IT & Hardware Tech Pvt Ltd.

Dr.C.V.Narasimhulu, Principal, LIET has appreciated the IT-Department for making students ready in advance for the Placements and also the students who are sincere in determining their career towards Success. The convener of the event was Dr.K.Nagi Reddy, HoD-IT. Directors & Deans of LIET have showered their wishes to the participants towards their successful career.

Date: 17th April 2023 – 19th April

#### No. of participants attended : 66

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	A	3 - Day Extensive Train	ning On	
		APTITUDE		-
		In Association with	DAT	APOINT
	Datapoi	nt IT & Hardware Te	ch Pvt Ltd.	
	For	Advanced Learners of II &	III Year	
		Organized By		
	Departm	ent of Information	Technology	
Date	Convenor	<b>Resource Person</b>	Co ordinator	Venue
17 <sup>th</sup> - 19 <sup>th</sup> April 2023	Dr. K. Nagi Reddy HOD-IT	Syam Kotakonda CRT Trainer	Ms. Khutaija Abid	Room No. 419 4 <sup>th</sup> Floor













## **Guest Lecture on "Operating Systems"**

Type of event : Guest Lecture

4.4

Title of the event : Operating Systems

Resource Person : Mrs. Savitha Ramesh, Assistant Professor, KMIT

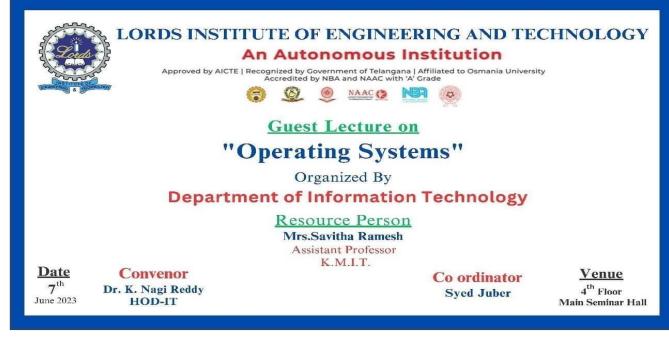
Organized by : Department of Information Technology

**Description:** A Guest Lecture on Operating Systems was organized by the Department of Information Technology on 7th June 2023 at Lords Institute of Engineering and Technology, Hyderabad. On total 127 students have participated for the event. The main objective of the Guest Lecture was to provide the importance of Operating System in their academics as well as for placements. The convener of the event Dr. K.Nagi Reddy, HoD-IT welcomed all the participants , resource person and Directors & Deans of LIET who have showered their wishes to the participants towards their successful career.

**Date:** 07th June 2023

No. of participants attended : 127

#### Banner



12













## 4.5 Tech Talk on "Emergence of AI Tools"

Type of Event: Tech Talk

Title of Event: "Emergence of AI Tools"

Resource Persons: Mr.Ibaad Mohammed(160919737022),

Mr. Abdul Rehman(160920737014),

Ms. Umaima Fatima(160920737055),

Mr. Ameen Ur Rehman(160921737112)

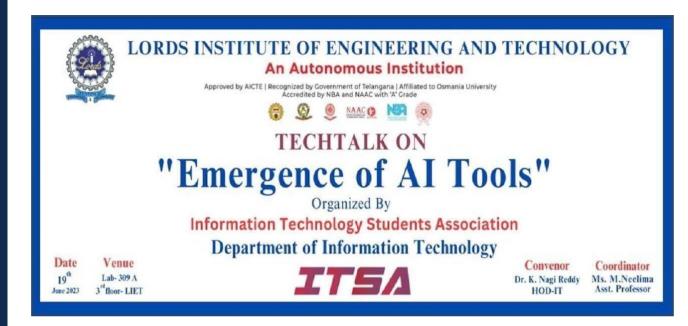
**Description:** A tech talk on "Emergence of AI Tools" was arranged by department of IT on 19/06/23 at Lords Institute of Engineering & Technology, Hyderabad. On a total of 65 students have participated in the event. The main objective of this tech talk was to provide some knowledge & Hands on session of AI Tools which will be useful for their academics and placements. The convenor of the event Dr.K.Nagi Reddy, HOD IT welcomed all the participants, resource persons, Principal ,Deans & Directors of LIET who have participated towards this successful event.

Organized by: Department of Information Technology

Date: 19/06/23

No.of Participants: 69

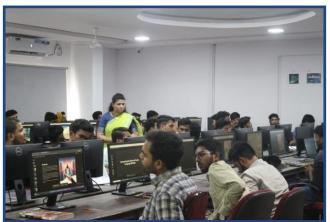
#### **Banner:**















#### **Parent Teacher Meeting**

Name of the event: Parent-Teacher Meeting

**Department:** Information Technology

**Description:** The meeting was started as per the schedule and the department was ready with all the required data to be presented during the PTM like progress report card, attendance status, events etc. The meeting was started by the address of class in-charges with the parents after which the Head of the Department has addressed the parents followed by the Principal's address.

The arrangements were made to interact one-to-one with Parent-Teachers so that each and every aspects of the ward's performance can be discussed and informed to the parents, in presence of their ward. The Mentors, Class In-charges and the Head of the Department have interacted with the parents & students. Also, discussed about the Result of CIE-I, Attendance & Academic Progress. During the discussion it was also informed the required support which department is extending towards the development of each and every child and at the same time the supports which are required from the parents for growth of their ward. All the Parents of second year students were also informed about the CRT, Internships, Syllabus Coverage, Attendance, Marks, Guest lectures, Seminars, Mentoring Process, Peer Learning and other activities which department is providing to the students.

Venue: 4th Floor (419) Smart Class

#### Date: 24/06/2023

#### No of Parents attended: 88

#### Banner



**4.6** 



# 5. Placements

S.No	Roll No	Name of the Student	Company	Package
			ZOHO	8LPA
01	160919737102	Amatun Noor Sadaf	NTT Data	3LPA
01			Kodnest	3LPA
			Q-Spiders	3LPA
02	160919737022	Ibaad Mohammed	INTELIPAAT	7.25LPA
			INTELIPAAT	7.25LPA
			Planet Spark	6.5LPA
03	160919737077	Rabab Fatima	Movate	3.2LPA
			NTT Data	3LPA
			Kodnest	3LPA
			Q-Spiders	3LPA
04	160919737303	Sharib Khan	Inmovidu	4.5 LPA
05	160919737078	Rasha Anjum	TCS	3.4 LPA
06	160919737100	Syed Ihtezaz	MOVATE	3.2 LPA
07	160919737032	Ibrahim Abbas Razvi	FACE PREPARATION	3.1LPA
08	160919737006	Abdul Shakoor Zeeshan	Q-Spiders	3LPA
09	160919737102	Ayesha Khatoon	NTT Data	3LPA







# 6. Internships

Sr No.	Name of Company	Number of Students	Duration
1	Datapoint IT & Hardware Tech Pvt. Ltd	28	4 Weeks
2	MANAC Infotech (P) Limited	44	4 Weeks
3	EDSY Infosys Pvt. Ltd.	1	4 Weeks
4	Durga Soft Solutions	38	4 Weeks
5	Data Point Info Systems	63	4 Weeks
6	Wergex Solutions	1	4 Weeks
7	Health Compass	1	4 Weeks



# 7. Students Participations and Achievements

#### 7.1 Student Publications

Sr No	Student Publications Name of Author	Title	Journal	Month and year of publicati on	Indexing
1.	Abdul Rahman Bin Salam, Ibaad Mohammed Hameeduddin, Mohammed Faizan Hussain, Hajira Sabuhi	Pneumonia Detection System Using Deep Learning	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed
2.	Mohd. Samee Khan, Mudasir Patel, Syed Idris Hussaini, Neha Hasan	A Novel Approach for Exam E-assessment Utilizing Image Processing	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed
3.	Mohd. Samee Uddin, Rabab Fatima Hussain, Asfiya Samreen, Saleha Butool	Prediction of Car Purchase based on User Demands using Supervised Machine Learning	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed
4.	Syed Shoeb Ahmed, Mohammed Sohaib Zahoor, Syed Shadab, M. Shilpa	Leveraging Natural Language Processing Algorithms to Understand the Impact of the COVID	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed
5.	Rasha Anjum, Amatun Noor Sadaf, Maheen Sami, Kamel Alikhan Siddiqui	An Efficient Approach for Interpretation of Indian Sign Language using Machine Learning	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed
6	Mohammed Obaid, Md. Salman Areeb, Mir Wajahat Ali Khan, Batchu Nagalakshmi, Kadime Deepthi	Detecting Fake News Using Machine Learning	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	January- February 2023	Peer Reviewed

7.	Abdul Saboor, Syed Saffwan Ahmed,	Detecting Driver Sleepiness using Convolutional Neural Networks	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	February	Peer Reviewed
8	Mohd. Yaseen Ahmed,	Machine Learning for	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	February	Peer Reviewed

#### 7.2 Awards/ Rewards Name of Name of Duration S Award / Venue Topic event No Student with Date Reward Nouman Mohsin Syed Abdul Majid Code Purple Facial Recognization MJCET 1 03/08/2023 II Prize project Expo Attendance System Mohammed Awais Successfully 012/02/203 completed Mohammed Boltto with score of Training Web Development 2. Muneed Uddin Online 12/03/2023 82% 30 Days Master class on Web 04/01/2023 Development using to 03/02/2023 React JS 30 Days Master class Master 23/11/2022 on Artificial Class to Pantech e Intelligence 22/12/2022 Mohammed Successfully Learning 3. Aslam completed Pvt Ltd. 20/09/2022 30 Days Master class to on Data Science 2.0 21/10/2022 Successfully 2 Months Training 09/03/2023 completed Bolton Web to with score of Training Online Development 09/05/2023 68% Code Chef Learn Successfully HTML/CSS HTML/CSS Raheela Khatoon 4. online 29/08/2023 completed



### 7.3 Technical Events

S No	Name of Student	Event Participated	Topic	Organized by	Date
	Syed Anas Ali				
	Mohammed Saqeeb		Flower Detection using Machine Learning	MJCET	03/08/2023
1					
	Shaik Umair Ahmed				
2.	Raheela Khatoon	Webinar		Code Chef- Online	28/05/2023
	Mohammed Muneeb Uddin	Internship	Web Development	Code Clause	03/07/2023









## 7.4 Sports - State/National/International Level

S No	Name of Student	Name of event	Торіс	Venue	with	Award / Reward
1	Mohammed Masroor Hussain	Nasr Horse Polo Summer International Tournament	Polo	Nasr Polo Janwada Hyderabad	30 April, 2023	2nd Place









"Information Technology Department strives for the holistic development of the students, Focus is laid on the growth of Life Skills along with exposing them to the latest technologies."

Thank you!