MALLA REDDY INSTITUTE OF TECHNOLOGY & SCIENCE

(Sponsored by Malla Reddy Educational Society)

Permanently Affiliated to JNTUH & Approved by AICTE, New Delhi

NBA& NAAC Accredited Institution, An ISO 9001:2015 Certified, Approved by UK Accreditation Centre

Granted Status of 2(f) & 12(b) under UGC Act. 1956, Govt. of India.

Ref:IQAC/MRITS/2019-20/001   21.12.2020

IQAC Annual Report for Academic Year 2019-20

The Annual Report summarizes various events conducted with the support of IQAC cell for the Academic year 2019-20 and the events are listed below.

1.The Number of professional development /administrative training programs organized by the institution for teaching and non-teaching

Faculty members of our college organized various events like FDPs which are given below.

S.No	Date	Title of the Program	Type of the Training Program Organised
1.	13.07.2020 to 17.07.2020	Evolution of IOT & Its real time applications	FDP
2.	13.08.2019 to 18.08.2019	Faculty development program on Robotics and automation	FDP
3.	14.05.2019 to 18.05.2019	One Week FDP On Advanced materials and Applications (AMA)	FDP
4.	09.12.2019 to 13.12.2019	FDP on"Corporate Social Responsibility "	FDP
5.	17.12.2019 to 21.12.2019	One Week FDP On Recent Trends in civil Engineering	FDP
6.	19.12.2019 to 24.12.2019	FDP on "Discrete Mathematics For Engineering Stream"	FDP
7.	10.02.2020 to 14.02.2020	One Week Short Term Course on Climate Change & Disaster Management	STTP
8.	20.04.2020 to 25.04.2020	One Week FDP On Construction and maintenance of rigid pavements	FDP
9.	11.05.2020 to 15.05.2020	One Week FDP On Reducing of construction Demolition Waste	FDP
10.	04.05.2020 to 08.05.2020	One Week FDP On Development in concrete and construction	FDP
11.	03.02.2020 to 08.02.2020	FDP on"Advances Of Chemistry In Modern World"	FDP
12.	10.02.2020 to 15.02.2020	FDP on " Recent Trends In Material Science"	FDP
13.	05.03.2020 to 07.03.2020	FDP on "changing the faces of English teaching in the present crisis"	FDP
14.	25.11.2019 to 30.11.2019	VLSI Chip Design Hands on using open source EDA tools	FDP
15.	26.08.2019 to 31.08.2019	Routing protocols for wired and wireless network using NS-2	FDP
16.	25.08.2019 to 31.08.2019	VLSI Design and Modeling	FDP

2.Number of Seminars/conferences/workshops conducted by the institution.

S.No	Title of the Program	Dates
1.	Workshop on DataScience concepts for students	26.08.2019 to 31.08.2019
2.	One week workshop on Cyber Security concepts for students	16.12.2019 to 21.12.2019
3.	Workshop on Block Chain for students	03.02.2020 to 08.02.2020
4.	Workshop on Big Data Concepts for Students	20.04.2020 to 25.04.2020
5.	Workshop on Artificial Intelligence with Machine Learning for students	15.07.2019 to 20.07.2019
6.	Seminar on Cyber Security and Forensics	16.10.2019
7.	Seminar on Security in BlockChain Technology	09.02.2019
8.	National level Virtual conference on Artificial Intelligence, Nano Robots and Intelligent system - Ncainri	15.04.2021 to 16.04.2021
9.	National conference on Emerging Trends and challenges in 5g technologies- ncetc5g	25.03.2021 to 26.03.2021
10.	Research issues and challenges in space and wireless communication in 5g technology	15.09.2019 to 21.09.2019
11.	One day webinar on "verilogHDL in chip design cycle and importance of hardware emulation"	08.08.2020
12.	One day webinar on" Automotive Embedded systems"	25.07.2020
13.	One day webinar on "Navigation Satellites for modern Telecommunications "	11.07.2020
14.	A one day Webinar on "Applications of Image processing in Emerging field with hands on tutorial"	14.08.2020
15.	Webinar on" recent trends in AIRobotics and Automation used in Industrial Applications"	18.07.2020
16.	A 1- day webinar on Tall Building and Design concepts	27.07.2020
17.	A 1- day webinar on Optimal Transport planning in India with GPS technology	24.07.2020

18.	A 1- day webinar on Overlay Design and Maintenance of flexible pavement	22.07.2020
19.	One week Workshop on Cyber Security concepts for students	16.12.2019 to 21.12.2019

3. Participation of Faculty members in various events like FDPs, Workshops, Seminars

Faculty of the Institution attended various programs such as FDPs, Workshops, Seminars which are provided in Appendix1.

4.Grants received from Government and non-governmental agencies for research projects in the institution

Faculty members of the college actively participated in R & D and recevied funds from various agencies which are given below.

S.No	Name of the Principal Investigator/Co-investivator	Department of Principal Investigator	Amount Sanctioned	Title of the project	Name of the Funding Agency
1.	Dr. A. Viswanathan, Dr. G.G.S Prateep Dr. A. Chandrasekar	CSE	3,50,316	A Safe Access and Sharing of Information in Cloud with Time Condition Decoding	Sagar Solutions
2.	Dr. Jaiprakash Narain Dwivedi, Mr.V Ravi Kumar	ECE	95,000	Smart Electronic Nose	SVRK TECHNOLOGIES
3.	Dr K. Ravindra Mr K Y Srinivas	ECE	1,25,000	Autonomous Wheel Chair Control System	Lakshya CME
4.	Dr.S.Kannan Mr.J.I.Chakravarthy	ECE	1,20,000	IOT based Leg arthosis with remote monitoring system	ELECTROGIG TECHNOLOGIES
5.	Dr.S.M.Subash Mr.S.N. Pavan Kumar Mr.D.Rajsekhar Reddy Mr.M.Abhishek	CE	41,800	Material testing	Splender Projects Pvt.Ltd,&R Engineering Pvt.Ltd.,SEHERI Constructions and consultants,JainEngineers,TrishaInfracon Projects (P) Limited,Pennar engineered building systems Ltd. Hyderabad

6.	Dr.Y.Stalin Jose Mr.B. Suresh Kumar Mr.Mrk.Narsimharao Mr.B.Gayathri	CE	1,59,000	Mix Design	SEHERI Constructions and consultants,Pennar engineered building systems Ltd. Hyderabad,TrishaInfracon Projects (P) Limited,Lafarge Aggregates & Concrete India Pvt.Ltd,Unique Infra Engineers& Edifices Pvt.Ltd
7.	Mr.P. Sandeep Chandra Mr.G.B.Amar Kumar Mrs.M.Lakshmi	CE	50,000	Water quality test	Lafarge Aggregates & Concrete India Pvt.Ltd,TrishaInfracon Projects (P) Limited
8.	Dr.Sarfraz Ahmed Mrs.G.Shilpadevi Mrs.P.Ashwini Mr. Pramod Kumar	CE	48,000	Soil investigation	Galacon Infrastructures Pvt.Ltd,
9.	Mr.V. Raghuvamshi Goud Mr.S.Vishnu Chaitanya Mr.Rupakbanik	CE	6,000	Steel bar tensile strength testing	Trisha Infracon Projects (P) Limited
10.	Dr. J. Vignesh, Mr. G. Ashok, Mr. B. Ramvath	IT	1,50,115	Cloud based automation of attendance and payroll management system	Siri 1 Technologies India Pvt Ltd

5.Signing of MOUs with various Organizations.

The college signed MOU with various organizations for overall development of the students, making them fully prepared to face the competitive world outside. The college had entered into MOUs with various organizations, for various projects and personality development programs..

1. Siri 1 technologies
2. LASYA IT Solutions Pvt. Ltd.
3. AOROIT Infocom Pvt. Ltd.
4. Brainwiz
5. Global Tree Carriers Pvt. Ltd.
6. Tek Cube Pvt. Ltd.
7. Code Tantra Tech Solutions Pvt. Ltd.
8. IT- Spot
9. AON Consulting Pvt. Ltd.
10. Jamboree Education Pvt. Ltd.
11. Suruk Technologies
12. Electrogig Technologies
13. Lakshya CME

6. Achievements in the field of sports and Games.

Students of our college actively participated in various sports events and the details of students who won medals at various events like Zonal, JNTUH, Inter University, State and National level. The details are appended below.

S.No	Name of the student	Event	Level at which	Achievement
1	Chetan singh	Running 400 Mt	National	Gold medal
2	Chetan singh	Running 200 Mt	National	Gold medal
3	Chetan singh	Running 200 Mt	National	Gold medal
4	Ganesh	High jump	National	Gold medal
5	Mr. Anirudh Mr. Sri kanth Mr. Virat Mr. Sidhardha Mr. G.Anil Mr. G. surya Mr. Ajay prabhakar Mr. Sunil Mr. Akhil Mr. Karthik	volleyball	National	Winner
6	Mr.Raja reddy Mr.Vinaychandra	Table tennis	National	Winner

7.Add on / Certificate programs and Placement Training programs Conducted

To enhance the quality of education, Certification courses are counduted for the beneficial of students and to support students for campus recruitment. Training and Placement cell actively conduts CRT classes for the students. List of courses which were conducted are listed below.

S.No	Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1.	IBM Bluemix Cloud	CSEIBM_B03	IV - I	1	48 hours	109	109
2.	Website Development & Hosting	CSEOSCM01	IV - I	1	48 hours	115	115
3.	Python data Structures	CSEPD02	III - I	1	48 hours	110	110
4.	Internet of Things	CS725PE	III - I	1	48 hours	114	114
5.	Digital signal processing using Python	ECDSPP01	III-I	1	45 hours	118	118
6.	Advanced image processing through AI	ECAIPI02	IV-I	1	46 hours	112	112

7.	Robotic Arm	ECRA03	II-I	1	47 hours	155	155
8.	Recent Trends in IoT	ECRTI04	II-II	1	48 hours	155	155
9.	Quantity Surveying	CEQS01	IV-I & III-I	1	60 hours	151	151
10.	Revit	CEREVIT02	IV-II & III-II	1	60 hours	139	139
11.	Arc Gis	CEARCGIS03	II-I	1	60 hours	150	150
12.	Staadpro	CESTAADPRO04	II-I	1	60 hours	135	135
13.	Bluemix IBM Cloud	ITIBM_B03	III - I	1	48 hours	23	23
14.	Website Hosting &Development	ITOSCM01	III - I	1	48 hours	21	21
15.	Data Structures with Python	ITPD01	III - I	1	48 hours	24	24
16.	Internet of Things	IT725PE	III - I	1	48 hours	23	23

Details of CRT classes are given below

S.No	Name of the Program	Year	Date	Number of students attended
1.	Training Course for Competive Exam	III,IV	12.09.2019 to 21.09.2019	810

8. Soft skills,Language and communication skills,Life skills (Yoga, physical fitness, health and hygiene Programs Organised

To enhance the quality of Institution and bring awareness in the soceity various best practices programmes are conducted which are given below

Sl.No	Name of the Program	Date	Number of students enrolled
1.	Soft skills development	02.01.2020	265
2.	Communication skills development	28.08.2019	237
3.	Advance computing skills	14.11.2019	502
4.	Life Skills- Yoga-Yoga Asana Competition	18.08.2019	50
5.	Life Skills- Yoga-International Day of Yoga	21.06.2020	300
6.	Life skills- Health & Hygiene - Awareness Campaign on Asthma	15.01.2020	20
7.	Life skills- Health & Hygiene - Awareness Program on Hepatitis-B	30.08.2019	25
8.	Life skills- Health & Hygiene - Awareness campaign on Dengue Fever	26.07.2019	20

- Students of III CSE developed a Online application **India Meet** for conducting online meeting and Classes.
- In Covid-19 pandemic Classes, Laboratory sessions and student project reviews are conducted in online with the guidelines of AICTE ,UGC,State government and JNTUH Plan.
- All faculty meeting was conducted in online mode.
- Teachers day was celebrated in online mode.

IQAC CO-ORDINATOR

PRINCIPAL