

ANNUAL REPORT

14th COLLEGE ANNUAL REPORT

Dr. K. Srinivas Rao
PRINCIPAL

Date: 18th April 2019

Our Chairman Sri Marri Laxman Reddy garu, dynamic leader Sri Marri Rajasekhara Reddy garu, today's Chief guest Sri Santhosh Reddy Patlolla garu, Treasurer madam Smt.Mamatha Rajashekar Reddy garu, principals of other institutes, invited guests, Deans, Heads of Departments, faculty, parents and dear students, Electronic & Print media. A very good evening to all.

It gives me great pleasure to welcome you all to the Annual Day “Trishna 2k19” celebrations.

On this wonderful day, when we have gathered here to acknowledge and celebrate the contributions of all achievers, I deem it an honour to present our 14th annual Day report.

In the 14 years of existence MLRIT has established itself as a premier Institution and has made tremendous progress under the dynamic leadership of Sri Marri Rajashekar Reddy garu.

MLRIT strongly believes in the concept of holistic education and strives to achieve its vision of promoting academic excellence, research, Innovation, and entrepreneurial skills to produce graduates with human values and leadership qualities to serve the nation.

Guided by this principle, we prepare our students not only for academic success but also for life. Based on the principle of Outcome Based Education (OBE), we have shifted “the focus of educational activity from teaching to learning; skills to thinking; content to process and teacher instruction to student demonstration”.

With the intention of promoting and making accreditation authorities recognize excellence in technical education at our college, our management decided to apply for re-accreditation under Tier-I by the National Board of Accreditation (NBA) and we are waiting for the process to begin.

Institutional awards

1. Received award for "Most Innovative Institution in Social Responsibility" at Udvikas 2019.
2. “Elite University Partnership” is awarded to the institute by Mind tree company in recognition to the partnership that enabled successful launch of Early Onboarding Program
3. Awarded "National Employability Award 2019" by Aspring Minds

MoUs signed

Having felt the need to strengthen the industry-institution interaction and collaboration, our college has signed MoUs with some major industries and organizations such as IIT Hyderabad, Bennet University, CITD (Central Institute for Tool Design), TATA TECHNOLOGIES

The year 2018-19 was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the management, staff and students.

I. STUDENTS ACADEMIC RESULTS & ACHIEVEMENTS:

i). Results:

B.Tech 2014- 2018 Passed Out Batch	- 87.65%
MBA 2016-2018 Passed Out Batch	- 78.60%
M.Tech 2016-2018 Passed Out Batch	- 80.55%

B.Tech 2018-19 (I-Sem) Results:

Year / Branch	ECE	EEE	CSE	AERO	MECH	IT	Overall %
IV- B.Tech	79.28	-	82.59	68.52	55.95	70.83	73.16
III- B.Tech	70.47	-	66.51	35.29	52.81	65.38	62.38
II- B.Tech	62.21	54.10	53.44	54.55	39.78	58.26	53.29
I- B.Tech	70.34	42.86	65.09	55.24	49.35	62.50	61.35

Research activities

The R&D wing of MLRIT has been actively involved in promoting innovation and research activities. CSE department been approved as Research Center by JNTUH to offer Ph.D Programme. MLR Institute of Technology is now focusing more on Research Programs and need based technology. To motivate the faculty members of our college to undertake quality research, consultancy and other research related activities, the college has introduced a number of research incentive schemes with an yearly budget to the tune of Rs. 60 Lakhs. Recently, the college has signed MoU with IIT Hyderabad to facilitate collaborative research activities.

As per Scopus and Web of science database, as on date, college affiliation has 681 and over 100 publications in Scopus and Web of Science respectively. The college is having an h-index of 10.

All the department faculty members are actively engaged with various research activities and encourage interdisciplinary research. As on date, there are 13 ongoing research projects having to the tune of Rs 3.8 Crores (approximately) that are funded by various funding agencies like DST, AICTE, SERB, and Deity.

I am very happy to announce that Financial support of Rs. 50, 00,000/- for setting up Livelihood Business Incubator (LBI) ASPIRE scheme of Ministry of MSME, India.

Also a R&D lab - Centre for Advanced Composite Materials" is established that was inaugurated by OU and JNTUH Vice Chancellors.

Entrepreneurship - CIE

In order to foster and nourish Entrepreneurial mindset in the students, the college has set up an innovation hub - **"Shrusti"**. In the last two years of its establishment the cell provided a platform for the students to pursue entrepreneurial activities. Altogether 11 **Startups have started functioning. 5 Patents and 14 design patents are filed. Very happy to share that 8 Products are developed from the innovation hub. There are 40 innovations in line that are supported by "Shrusti"**.

Motivation is given to the student and faculty community to participate in the events and exhibit their talent to win the seed money (given by the college) to implement the project. Students are encouraged to participate in inter department and inter college project contests. To encourage the research and innovation, the college has allotted a yearly budget to the tune of Rs 25 Lakhs seed fund for both student and faculty members.

As a result of the above Crop Disease Detector team of MLRIT has been working on the early stage disease detection in plants by remote sensing using drones. The work has been recognized by various platforms at national level.

Achievements by students

Our students, guided by the faculty, have proved their talents and skills in numerous ways and have brought laurels to the institute. Students of our college have been actively participating in various intercollegiate events held at national level and have won many awards. Very proudly I announce that in the events held at

1. IIT Madras IMPACT 2019 :

- a. I year B.Tech students from Aeronautical dept won First prize
- b. Two teams from Mechanical dept. got selected for incubation at IIT Madras itself and one more team got selected for Industry support to introduce the product in to the market.

2. IIT HYD:

- a. In **CAD Pro** Design competition held at IIT Hyderabad both First and Second prizes were won by II year students of Dept of Mechanical Engineering.
- b. In the automobile quiz II year students of Dept of Mechanical Engineering got Second Prize in

3. IIT Hyderabad:

- a. Four teams of ECE dept. have participated in **Elan & Nvision** conducted by **IIT Hyderabad** and one team won **I prize** in the event **"ROBO SOCCER"**.

4. In the Anveshana 2019 conducted by Agastya foundation in Association with Synopsys India at IET Hyderabad center nine teams have participated out of which three prizes are won by our students (II Prize, V Prize and one consolation prize). In particular let me mention second prize worth Rs 25,000/- for a project title “Autonomous interior plantation” was won by ECE students and Fifth prize worth Rs 10,000/- for a project title “Weed remover”. **Consolation Prize** for the project title “**configurable RF based control system for people with multiple disabilities**”.
5. Students of ECE dept. participated in **Mecharena’19** conducted by **Osmania University** and won **I** prize in the event of “**ROBO SCOCER**”.
6. 12 Students from CSE Got Qualified for Second Round **TCS CODE VITA** and 2 Students from IV CSE **Mr. Trinath and Mr. Venkatesh** got placed for TCS based on their performance.
7. Ten teams from ECE have participated in **Connaissance-2019** conducted by **JNTUH** and won **I prize** in **ROBO SCOCER** and **II prize** in **ROBO RACE**.
8. Students from Aeronautical dept. won 2nd prize in the Quadcopter challenge in the IIT Hyderabad event **Elan & nVision- 2019**.
9. Students from Aeronautical dept. won 1st and 2nd prize in the Event “**Aquvanaut**” held at **IITH**.
10. Students of ECE, Won **Best B.Tech Project award** in **ISTE Telangana State** Sponsored by **Sreyas Institute of Engineering and Technology**, Hyderabad.
11. Students from Aeronautical dept. won 2nd prize in the Event **Robowar** in **TECHKRITHI** held at **IIT Kanpur**.
12. Students from Aeronautical dept. won 2nd prize in the Event **VAYU VIHANG** in **Medhanvesh-2018** held at **BVRIT**
13. 5 student projects from CSE dept got selected for **ATAL NEW INDIA** Challenge competition.
14. 11 projects got Shortlisted for **ACCENTURE INNOVATION CHALLENGE 2018** from CSE dept.
15. In the Google coding competition **Codejam 2019**, two students are selected for round 2 and are awaiting for the results.
16. In the monthly coding completion **Code Chef**. Two students from IT dept. stood in the top 10 leader board positions. In particular **Mr. Ashraf** stood in the 1st place while **Ms. Keerthi** in the top 10.
17. Team **AEROGANTZ** , 3rd Place , cash prize of Rs. 25,000, Team **TEJAS** won 2nd prize and

Team ALPHA-II won 3rd Best Design in the SAE Aero Design Challenge held at Chennai. These are the teams of Aeronautical dept.

18. First prize was won in the Technozion competition held at NIT Warangal by Aeronautical students.

Achievements by Faculty

Our college is proud of some distinguished members of the faculty who have brought laurels to the institute by bagging many awards.

1. Dr.S.V.S.Prasad, Head of the Department, ECE was awarded best B.Tech project Mentor for “Voice based Pen Plotter-Using Lab View” in ISTE Telangana State and also Mentor award in Anveshana 2019 supported by Agastya Foundation.
2. **Mrs.Anila.M, Asst.Prof dept of IT bagged the “Bright Educator Award 2018 ”** in the field of Data Mining & Warehousing from I2OR –International Institute of Organised Research.
3. 5 faculty members from dept of aeronautical have completed NPTEL course with Gold Medal.
4. Mechanical Department faculty Lakshmipathi Yerra awarded best NSS Program Officer for the year 2018 for his social service activities. He also received "Best Teacher Award" in the area of Social Service (NSS) From Bharat Talents Association.
5. Placement officer Ravi Chandra received "Man of Match" award in generating highest number of participants for Neuralhack-Season2 Competition

Conferences / Workshops

1. Organized ICAAMM-2018, received 150 papers across world.
2. 6th IEEE International Conference(MITE-2018)
3. Organized National Science Fair-2019 got 200 projects from various schools, colleges and universities in India.
4. Organized ADC workshop in collaboration with SAE, 200 members participated in this workshop across India.
5. Organized Winter Internships in collaboration with IAAA on COE of Aeronautical Department.
6. Organized The Young Mind's Business Summit 2019.
7. 24 hr Hackathon IOT
8. CIE has organized a guest talk on "Innovation,Entrepreneurship and Story Telling" by David Riemer and Hilary Weber ,Executive of Haas School of Business,Berkeley,California.
9. 24hrs Hackathon on AI

With the aim is to provide a new opportunity for students to learn and work on emerging areas of technology the institute has established centre of excellences in all the departments and I am happy to share that all the CoEs are functioning well and the fruits are seen in the form of more no. of students getting placed in reputed companies and also students winning major national level competitions. Let me brief you all with the placement statistics.

Placements:

2019 BATCH				
BRANCH	CRT REGISTERED	TOTAL SELECTIONS	REPEATS	UNIQUE OFFERS
AERO	39	17	3	14
CSE	144	173	60	113
ECE	136	127	33	94
IT	27	31	10	21
MECH	95	50	9	41
TOTAL	441	398	115	283
Total companies visited is 64				

Some them being Virtusa, Capgemini, NTT Data, Wipro, ValueLabs, Epam Systems, SmartData Enterprises, TCS Ninja, Tvarana, Infosys, Cyient (Internship), Technovert, Tata Advanced Systems Limited, Byju's, Tata Steel, LTI (L&T Infotech), GreyCampus, HSBC, Syntel, Cognizant and more.

Sports

The chairman Sri Marri Laxman Reddy garu strongly believes that a healthy body leads to a healthy and strong mind and to support it MLRIT has set up a three floor indoor stadium completely equipped with the state of the art gym, TT, SQUASH stadiums and a cricket stadium along with other sports equipment.

Though reiterative. I would like to place on record that to encourage students our Chairman Marri Laxman Reddy Garu Donated 50 Cycles to Cyclists and college has offered 35 free seats under sports quota.

- SAVDAS DOSA PUJA KARMUR studying B.tech 3rd year from Aeronautical Department has succeeded in securing bronze medal in All India Inter-University Taekwondo/Qwan ki do Championship held at Rohtak, Haryana under guidance of her Master/Coach N.S.V Goutham also, student of MLR Institute of Technology (CSE 3rd year), representing J.N.T.U Hyderabad and made our state proud.
- Mlrit won first place in Mens Basketball held at MVSR Engineering college.
- Ujwala(1st yr) won 3K Silver jubilee Run held at Osmania University campus.

- MLRIT stood as CHAMPIONS in both men n women category (BasketBall)conducted by flame university Pune.
- T Nagaraju from Aero 2nd year who won Bronze medal in National Powerlifting Competition in 74 junior category in South India Championship 2018-19.
- Vignan's Sports Fete 2018 In Running :3k ,800m,400m,200m,100m,4*100m,4*400m Basketball- Winners, Long jump-Bronze.
- Women's basketball team have won first place in Womens Tournament organised by Pink organization.
- Received the overall championship award in athletics organized at IIT Varanasi.

And many more ...

This report is a sincere attempt to showcase our progress in terms of achievements and activities during the year.

The progress of any institution depends on committed faculty supporting staff and large pool of resources, responsive students and cooperative parents.

We are indeed very lucky to have all these elements.

I wish to begin celebrating our success by expressing my gratitude to all our MLR family whose vision, wisdom and missionary zeal inspired all stake holders to work with us with passion and commitment.

I request my staff, students, parents, management and everyone concerned with running the college for extending helping hand so that within the foreseeable future, MLRIT continues to be as one of the top institutions. In the end, I, once again thank our Honoured Chief Guest and everyone present for accepting our invitation and obliging us with your gracious presence.

Thank you all.