7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust

<u>Skill Development Programs for Placements</u>

The workforce is always on the lookout for students who are bright, vivacious, willing to take on new challenges, focused, quick learners, and, most importantly, receptive to learning even in the workplace. These days, industries adopt distinctive hiring practices to ensure that those hired will fulfil its prerequisites. The Training & Placement Cell understands that these methods through engaging with the business community and equipping students with them. Our Training & Placement Cell is special in that it makes sure that the hiring procedure is a fruitful journey for the MRECW students. It places a strong focus on pre-placement instruction, both technical and non-technical, that will prepare students to succeed at recruitment and interview procedures. The Training and placement cell focus on various skill development programs for personality development of students.

Malla Reddy Engineering College for Women is always forefront to improve the skillset of the students. Our aim is to

1. To provide training in various trades that are in high demand in market and have good job prospects.
2. Timed programming tests, so as to serve as a mock test for the actual placement process and meter the student skill set.
3. Maximizing their potentialities and boosting self-confidence.
4. To ensure overall development of students and scholars with the help and support of appropriate skilling mechanisms/methods and modes.
5. To enhance the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
6. To provide an opportunity to students to practice the concepts learnt in a classroom, in real-time situations/company/organisation/industry in both virtually and physically means.
7. To enhance the IQ levels of the students with aptitude practice related training.
8. Seminars gives the students an intensive exposure on a topic trough the presentations and discussions which enhances soft skills before entering into the industry.

9. To inculcate practical knowledge in Computer Networking and Operating systems with the help of CISCO Certifications.

- **Employability Skills Enhancement Training Programmes**
  1. Soft Skills Training
  2. Technical Training
  3. Programming Skills Training - C, Data Structures, Java & Python
  4. Foreign Language Training
  5. Verbal Training
  6. Aptitude Training

- **CRT Online Assessment Tests**
  - I B.Tech - Coding practice through Code Tantra, Weekly online Assessment tests
  - II B.Tech - Coding practice through Code Tantra & Reference Globe, Weekly online Assessment tests
  - III B.Tech - Coding practice through Code Tantra & Reference Globe, Weekly online Assessment tests, daily online Assessment tests during last one month
  - IV B.Tech - Coding practice through Code Tantra & Reference Globe, daily online Assessment tests

- **Value Added Certification Training Programmes Through Centres**
  1. CISCO C, CISCO Linux & CISCO Networking Certification through CISCO Networking Academy-established in the year 2012.
  2. Oracle Certification through Oracle as Oracle Academic Partner since the year 2012.
  3. Robotics Certification Training Programme - Modules I-V, through Robotics Centre of Excellence-established in the year 2017.
  4. IBM Cognitive Certifications-Python, Data Science and AI/ML.
  5. TCS ION Technical Certifications.
  6. Coursera Certifications in C, Python, Data Structures, Algorithms, Cloud Computing, Artificial Intelligence, Machine Learning, Data Science, Blockchain Technologies, HTML, SQL, Cyber Security, IOT etc.

- **Value Added Professional English Certification Training Programmes**
  1. Oxford Achievers Certification through Oxford University Press, India since 2018 for communication skills development.
  2. Pearson Certification through Pearson MePro.
  3. Business English Certification(BEC) through Cambridge University, London, U.K.
  4. TCS ION Soft Skills & Communication Skills Certifications.
  5. Cambridge Language and Soft Skills Certifications.
  6. Coursera certifications

➢ **Project Based Training Programmes**

From I to IV year B.Tech on C,DATA STRUCTURES,POYTHON, JAVA, DBMS, OS,Web Designing, PCB Designing, Robotics, Solar Energy Systems and MAT LAB, INNOVATIVE PRODUCT DEVELOPMENT.

➢ **Finishing School Concepts**

To meet the requirements of the industry and to be on par with Technological Advancements, Finishing Schools are organized for IV year on Latest Technologies like Robotics, Internet of Things, Block Chain, Embedded Systems, R Programming, Big Data Analysis, Network Security, Cloud Computing, SIM Power Systems, Power Electronics, Power Semi-Conductor Drives, Entrepreneurial Skills Development Programmes, Idea Presentation, Hackathons for Start-ups', National/International Competitions participation, Guest Lectures, Workshops, Business Plan Competitions, Global Education and Career Counselling Centre, To guide students on higher education and job opportunities in India and Abroad.

The companies which generally visit our campus includes Accenture, Wipro, Cognizant, Flipkart, IBM, Virtusa, CISCO, Zensar, Capgemini, Dell Technology, Mind tree, Deloitte, DXC Technology, Epam, HCL Technology, Hitachi, L&T Technology Sciences, Lowes India, Mentor Graphics, Publics Sapient, Tejas Networks, Tiger Analytics, Value Momentum, DBS, E2open, Prolifics, TCS (Digital), Dupont, Tech Mahindra, Acolite, Hexaware and PWC.

The hard work done by faculty and students resulted in the following achievements in the organization.

➢ Many students   secured jobs through campus placements.
➢ Students got admissions for higher studies in top universities in the world.
➢ Few of the students became entrepreneurs and turned out to be job providers.
➢ Some of the students got lead positions in Multinational and National corporate companies

List of Skill Development Programmes conducted for Students

(A.Y 2019-2020)

S.NO	Name of the program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/experts involved
1	CRT Training	06-07-2019 to 29 -02-2020	700	Talentio Solutions India Pvt Ltd
2	CRT Training	06-07-2019 to 29 -02-2020	700	Talentio Solutions India Pvt Ltd
3	Industrial Visit to Shapur 220/132/33/11 KV Substation for I year EEE Students	28.02.2020	65	Shapur 220/132/33/11 KV Substation
4	ELITE 2020 -NATIONAL CHALLENGE FOR BUSINESS IDEAS	15.02.2020	740	Smt.K.Ramadevi President,ALEAP India
5	Verbal Training	17-07-2019 to 08-02-2020	550	TIME PVT .LTD
6	Technical Training	17-07-2019 to 08-02-2020	600	Path Creators
7	Verbal Training	17-07-2019 to 08-02-2020	550	TIME PVT .LTD
8	Technical Training	17-07-2019 to 08-02-2020	600	Path Creators
9	Company specific trainings	27-06-2019 to 06-02-2020	750	Talentio Solutions India Pvt Ltd
10	Company Specific Trainings	27-06-2019 to 06-02-2020	750	Talentio Solutions India Pvt Ltd
11	Carrer Guidance Program on Future Steps	28.01.2020	640	Dr.Rouzbeh Razavi, Department of Management and

				Information Systems Kent State university, USA
12	Workshop on Virtuvilization & VM Ware tools	20.01.2020 to 22.01.2020	120	Mr.Mehdi Technical Trainer
13	Robotic Exhibition	10.01.2020	120	Mr.Abdul Rahim
14	Workshop on Robotics	06.01.2020 to 09.01.2020	80	Mr.Karthik Jay Robotics
15	Workshop on Python	03.01.2020 and 04.01.2020	180	Mr. Ganesh
16	Carrer Guidance Program on CAT Examination	12.11.2019		Mr. Asim Akthar, an esteemed instructor from the TIME
17	Awareness Program on "Trial Mix" by Sales force	31.10.2019	300	Sales force & Cognizant team

List of Certifications completed by students

(A.Y 2019-2020)

S.No	Title	Course- offered by	Number of students enrolled in the year	Number of Students completing the course in the year
1	Cisco CCNA RS Introduction to Networks through Cisco Networking Academy	Cisco Networking Academy Platform	322	313
2	Cisco Programming Essentials in C through Cisco Networking Academy	Cisco Networking Academy Platform	322	300
3	Cisco CCNA Exploration: Routing Protocols and Concepts	Cisco Networking Academy Platform	655	625
4	Cisco Linux Certification through Cisco Networking Academy	Cisco Networking Academy Platform	670	635
5	C FOR EVERYONE: Structured Programming	University of California, Santa Cruz-Coursera Platform	580	520
6	TCS ION CERTIFICATION ON "COMMUNICATION SKILLS"	TCS-ION Platform	430	402
7	TCS ION CERTIFICATION ON "EMAIL ETIQUETTE"	TCS-ION Platform	720	702
8	TCS ION CERTIFICATION ON "INTRODUCTION TO SOFT SKILLS"	TCS-ION Platform	322	315
9	Creating Database Tables with SQL	Coursera Project Network-Coursera Platform	619	604
10	Machine Learning for ALL	University of London-Coursera Platform	420	407
11	Introduction and Programming with IoT Boards	Pohang University of Science and Technology-Coursera Platform	322	312

12	Introduction to Cyber Attacks	New York University-Coursera Attacks	420	400
13	Data Science Ethics	University of Michigan-Coursera Platform	661	653
14	Introduction to Cloud Computing	IBM-Coursera Platform	420	390