ज्ञान-विज्ञान विमुक्तये
University Grants Commission

NAAC

ACCREDITED BY
NBA
NATIONAL BOARD OF ACCREDITATION

ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

EAMCET/ICET/ PGECET CODE **CMRG**

INDIA RANKINGS 2021
RANK-BAND 201-250
NIRF
ENGINEERING

nirf
NATIONAL INSTITUTIONAL RANKING FRAMEWORK

COMMITTED FOR PROFESSIONAL EXCELLENCE

CMRTC

www.cmrtc.ac.in

CMR GROUP OF INSTITUTIONS
EXPLORE TO INVENT

CMR TECHNICAL CAMPUS

UGC AUTONOMOUS

ACCREDITED BY NBA & NAAC with A-GRADE

Vision:

- To impart quality education in serene atmosphere thus strive for excellence in Technology and Research.

Mission:

- To create state of art facilities for effective Teaching - Learning Process.
- Pursue and Disseminate Knowledge based research to meet the needs of Industry & Society.
- Infuse Professional, Ethical and Societal values among Learning Community.

Core Values:

The CMR Technical Campus is guided by the following core values in delivering its mission and pursuing its vision.

- **Accountability:** Demonstrate responsibility for our actions; establish and communicate clearly defined and articulated goals and objectives.
- **Benchmark:** To develop and pursue high standards by encouraging skill development and entrepreneurship to meet industry and society needs.
- **Commitment:** Focus on students and stakeholders needs; continuously evaluate and improve academics, research and infrastructure.
- **Dignity:** Recognize the expertise of all members of the institute and encourage individual contribution and also include stakeholders in the decisions that affect them.

"CMRTC Welcomes all the aspiring Engineers to its vibrant Campus to experience the Innovative Learning Process"

About us

CMR Technical Campus, established in the year 2009, under aegis of CMR Technical Education Society is an UGC Autonomous institute with NBA and NAAC accreditation with 'A' grade. The institute received an All India Rank of 201-250 Band in National Institutional Ranking Framework (NIRF-2021) and 51-75 band in Atal Ranking of Institutions on Innovation Achievements (ARIIA-2020). The lush green Campus, situated in Kandlakoya, Medchal Road has been first choice option to both Urban and Rural students of Telangana. With well-established Teaching & Learning processes, the students are imparted the best of the technological knowledge.

Research and Innovation has been integral part of the institute, which is evident from the Research Grants received, Collaborations, MoUs and Research Centres, the institute possess. Existence of NSS Unit, NCC Unit, Sahaya Club verily demonstrate the fulfilment of social responsibilities by the institute and induction of social values among its students and faculty. The state of art facilities and training with respect to Sports has fetched many awards and laurels to the institute. The various Clubs present in the institute has ensured that all the components which are required for a student to spend a quality time in the institute are being served. As the Tagline of the institute goes, "Think Placements, Think CMR", CMRTC has been the pioneer in training and placing the students in many reputed companies with good packages. CMRTC is a place, where quality is never compromised, working locally to serve globally.

Courses Offered

EAMCET/ICET/ PGECET CODE **CMRG**

UG Courses	Intake
B.Tech	
• Computer Science and Engineering [CSE]	240
• Computer Science and Engineering	
▪ Artificial Intelligence & Machine Learning [CSE-AI&ML]	180
▪ Data Science [CSE - DS]	180
• Information Technology [IT]	120
• Electronics & Communications Engineering [ECE]	180
• Artificial Intelligence & Machine Learning [AI&ML]	60
• Computer Science and Design [CSD]	60

PG Courses	Intake
• MBA	180
• M. Tech (Structural Engineering)	24
• M. Tech (Embedded System)	18
• M. Tech (CSE)	18

MANAGEMENT

We extend a warm welcome to Engineering and Management aspirants to join CMR Technical Campus, a gateway to a new generation of future ready and enlightened Leaders, Innovators & Professionals. Get future ready now!

C. Gopal Reddy, B.E
Chairman

C. Vasantha Latha
Secretary

Dr. A. Raji Reddy

B.E., M.Tech. (NITW), Ph.D. (O.U.)
Director

DIRECTOR

Dr. A. Raji Reddy, is a 1990 Batch Mechanical Engineer from Nagpur University. He obtained his Masters' Degree from Regional Engineering College [NIT] Warangal in the year 1992 and Doctoral degree from Osmania University in Mechanical Engineering with Solar Energy as specialization in the year 2008.

In his 28 years of service, he has served in various capacities of administrarion, research, and academic roles. He even has two years of Industrial experiences in M/s. Ashok Ley Land Ltd., (Ductron Casting Unit), Uppal, Hyderabad.

Currently he has 10 Patents filed on his name and is Investigator of 03 Research Projects to the tune of Rs. 1.2 Crores as Grant from Govt. of India. He has successfully guided 10 M.Tech Porjects and is currently guiding 03 research scholars for their Ph.D. His research areas include solar thermal applications, Biomass conversion technologies, solar cooking and Heat transfer. There are over 40 papers to his credit in peer reviewed & reputed International Journals, Conferences & National Conferences. He is reviewer of Elsevier Journals.

Our Strength

I strongly believe ***human resource*** is as important as infrastructure. Our strength is our faculty and team of administration. The average faculty experience in the institute is above 10 years. We have a good faculty student ratio of 1:15, which enables us to take up mentoring process effectively. Today, we boast mentoring as one of the biggest strength of our institute, wherein every student is well connected to faculty, right from the day of inception to the day of graduation.

Memorandum of Understanding (MOU)

FOREIGN UNIVERSITIES

Università degli Studi del Sannio · Lincoln University College · Purdue University Northwest · International Technological University

INDIAN INSTITUTES & UNIVERSITIES

Bennett University, Times of India Group

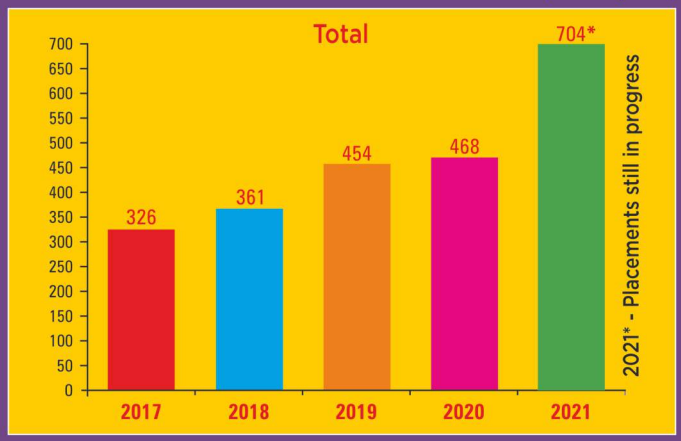
INDUSTRIES

Automation Anywhere · wipro · virtusa · IBM · iDEALABS · Blackbuck Group · Central Institute of Tool Design · TASK · Global Tree · Reliable Environmental Services · SUNTEK · amazon web services · RPG Foundation · Orbit Shifters · INSOFE · IEEE

Think Placements... Think CMR

Training and Placement Cell [T&P Cell] was introduced with a vision to excel and to create a global opportunity for every student and ensure that their skills are properly identified and are oriented in the right direction. Since 2011, the department has been successful in inviting reputed companies every year for the selection of students.

PLACEMENT RECORD (Past 5 years)



First Year Training

1. Basic Foundation Training
2. Problem solving skills using OOPS
3. Carrier Awareness and Aptitude Training Program (CAAP)
4. Personality Development Training

Second Year Training

1. Virtusa COE Training
2. Salesforce Training
3. IT Services Training
4. Product Development Training (Phase-I)
5. Data Science
6. Problem Solving Skills using (Python/Java/C++)
7. Campus Recruitment Training
8. Gaming Development Training

100% PLACEMENT ASSISTANCE

Third Year Training

1. Zensar ESDP (Employability Skill Development Program)
2. Wipro Talent Next Training
3. EPAM- PEP (Pre Education Program) Training
4. Virtusa – COE (Center of Excellence on Java Full stack Development) Training
5. Product Development Training (Phase-II)
6. Sales Force- Trail Mixes Training
7. Service Now Training
8. Campus Recruitment Training
9. MAT LAB and Networks(Core) Training by UTL Technologies
10. Mini projects and Internships

Fourth Year Training

1. Company Specific & Need based Training.
2. Top Internship opportunities with reputed organizations.
3. Pre joining training for selected students of various companies

704* Placement Offers during the Academic Year 2020-21

*Still in progress

4700+ PLACEMENT OFFERS 2013-21

HIGHEST PACKAGES

- **15.0** LPA from BNY Mellon
- **11.5** LPA from Microsoft
- **11.5** LPA from Amazon
- **11.0** LPA from Wiley mthree
- **10.8** LPA from Toppr
- **10.0** LPA from BYJU'S

PROMINENT RECRUITERS

Infosys, accenture, MAQ Software, Reliance Industries Limited, amazon, BNY MELLON, BYJU'S The Learning App, Capgemini, DXC.technology, Cognizant, ggk tech, HEXAWARE, HYUNDAI, IBM, Informatica, amazon web services, L&T Infotech, Mindtree, NTT DATA Trusted Global Innovator, opentext™, OYO ROOMS, JSW Energy, SAP, epam, coMakeIT continuous innovation, TaksyKraft, TATA CONSULTANCY SERVICES, TechSys, virtusa Accelerating Business Outcomes, wipro

RESEARCH CENTRES

- CENTRE FOR ADDITIVE MANUFACTURING & PRODUCT DESIGN
- CENTRE FOR VLSI & EMBEDDED SYSTEMS DESIGN
- CENTRE FOR ADVANCED COMMUNICATION SYSTEMS
- CENTRE FOR SIGNAL AND IMAGE PROCESSING
- CENTRE FOR MOBILE AND WEB TECHNOLOGIES
- CENTRE FOR INTERNET OF THINGS
- CENTRE FOR DATA ANALYTICS
- CENTRE FOR KNOWLEDGE ENGINEERING & DEEP LEARNING
- NANO SENSOR RESEARCH LABORATORY
- CENTRE FOR GEOTECHNICAL ENGINEERING
- CENTRE FOR STRUCTURAL ENGINEERING

PROFESSIONAL CHAPTERS

- IEEE
- CSI [Computer Society of India]
- ISTE [Indian Society for Technical Education]
- SAE [Society of Automotive Engineers, India]
- ACCE [Association of Consulting Civil Engineering (I)]
- IETE [Institution of Electronics and Telecommunication Engineers]

Student Clubs @ CMRTC

- Akriti [Cultural Activities Club]
- Lexis [Literary Club]
- Innovative Club
- Robotic Club
- Sports Club
- Flim and Photography Club
- NSS & Sahaya Club
- Science & Spirituality Club
- Cloud Computing Club
- Data Science Club
- Machine Learning Club
- Entrepreneurs Club

Major Govt. Funded Projects

66.91 Lakhs

Financial Assistance by DST, SEED for the project titled "An AI enabled low Cost Mechanized Manufacturing of Leather Products Hub to Empower SC Community"

39.45 Lakhs

Financial Assistance by DST, NSTMIS for the project "Study of stimulating research in Indian University for socio-economic development of India"

35.90 Lakhs

Financial Assistance by DST, TIDE for the project "Development of Bio-Degradable Prosthetic Limbs using 3D-Printing for Moment Disability People"

45.00 Lakhs

Fund For Improvement of S&T Infrastructure (FIST) for 5 Years for the Department of ECE

36.55 Lakhs

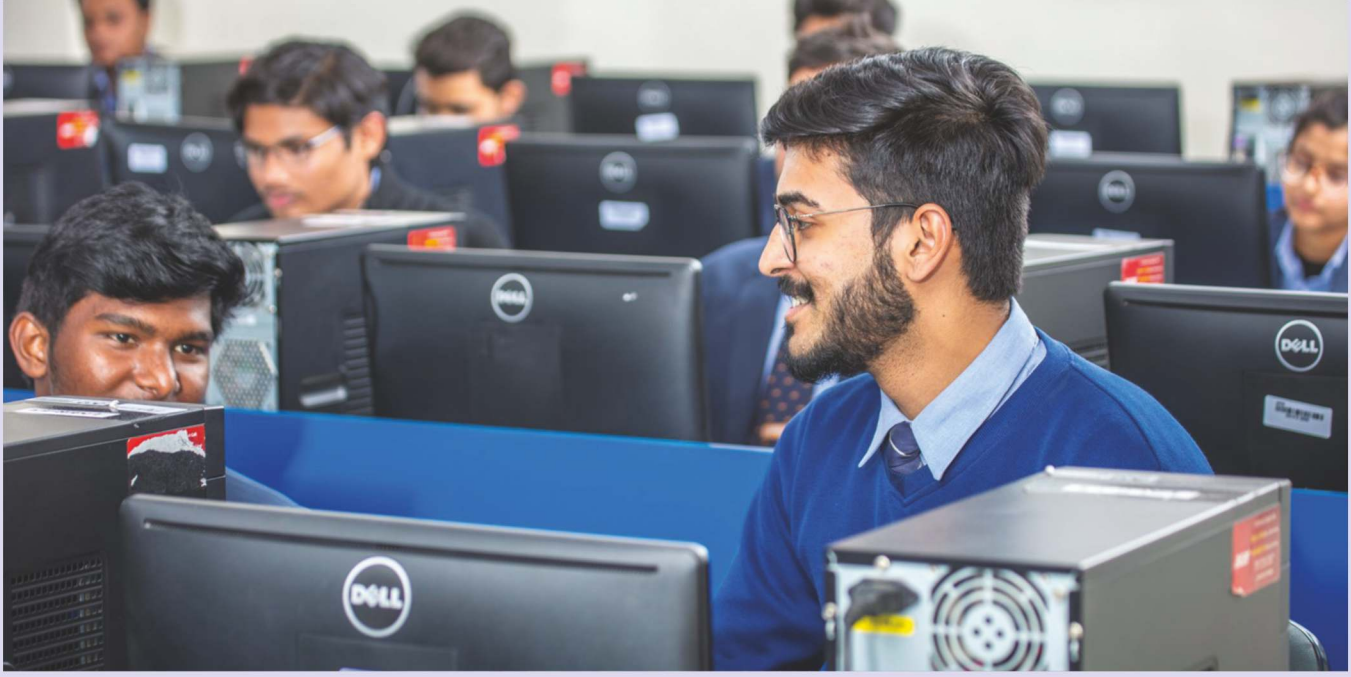
Financial Support by DST, NSTMIS for 3 Years for the Project Entitled "Assessment of R&D Impact on Socio-economic Status of Rural India"

37.73 Lakhs

Financial Approval by CSRI, DST, Ministry of Science and Technology for the Project entitled "Context Vector machine for thematic traits in multimedia files and documents"

and many more...

Total Funding 457 Lakhs



COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY

Computer Science and Engineering & Information Technology with an intake of 240 [CSE] & 120 [IT] is one of the top performing departments of the Institute and the most sought over branch by the students. The department proudly boasts the presence of its Alumni in many reputed Companies like SAP, WIPRO, INFOSYS, etc. with package varying from 8 to 15 Lakhs per Annum. Not only Alumni, the current students have also let the Department high by wining many competitions across the country like Hackathons, Codethons, Poster presentations, Paper presentations and many more. The department has even mentored the students to the stage of 'APP Developers' through 'Patent filers'.

Achievements

- Trained and Certified Faculty Members by WIPRO, Virtusa, Servicenow, Zensor, Google etc.
- Star Grade by IIT Bombay Spoken Tutorials, Top 3 performer Award by IIIT Virtual Labs, Google recognized Campus for GCP.
- Filed 23 patents and 1 Copyright Granted under Software
- 200+ Papers published in reputed peer reviewed indexed Journals.
- Established Research Centres cum Center of Excellences in collaboration with industry in Mobile & Web Technologies, Data Analytics, Internet of Things, Cyber Security and Robotic Process Automation.
- MoU's with 20+ Industries and 8 Foreign Universities.
- 1.5 Crore Research Grant from Govt of India.
- 20 Lakh + Consultancy from various organizations for Application Development.
- 2000+ students are facilitated in 40+ MNC companies with Internships and employment.
- Our Frequent internship providers and recruiters are IBM, NIC, TCS, Value Labs, GGK Technologies, Opentext, BNY MELLON, Pactera Technologies India pvt ltd, Travel Tripper,Cloudchip, Ctrl S, Zensor, Smartbridge, Internshala, Capgemini, Wipro, DxCT, Virtusa, TASK and many more.
- Member of reputed professional bodies like IEEE, ISTE, IETE, ACM and CSI.
- Best Accredited Student Branch Award from Computer Society of India for 4 consective times.
- Recognized IEEE WIE (Women In Engineering) CMRTC Affinity Group.

COMPUTER SCIENCE AND ENGINEERING [ARTIFICIAL INTELLIGENCE & MACHINE LEARNING]

B. Tech in Computer Science and Engineering (Artificial Intelligence & Machine Learning) is an undergraduate programme with cutting-edge technologies in Machine Learning, Deep Learning and AI.

- AI software market revenue worldwide will be in 126 billion dollars by 2025. (Approximately 9,45,000 crores)
- AI will be replacing almost 69% managers work load by 2024.
- AI could create 58 million new jobs by 2022 as per Forbes report.
- Huge void is expected in future with respect to AI jobs due to lack of skilled professionals.
- The average salary of AI fresher's in India would be from 8 LPA to 12 LPA.

COMPUTER SCIENCE AND ENGINEERING [DATA SCIENCE]

Data Science is the study of data. It is about extracting, analyzing, visualizing, managing and storing data to create insights. These insights help the companies to make powerful data-driven decisions.

- Global data science platform market size is expected to grow from USD 37.9 billion in 2019 to USD 140.9 billion by 2024.
- Emerging branches will replace almost 69% managers work load by 2024
- 59% of all Data Science and Analytics (DSA) job demand is in Finance and Insurance, Professional Services, and IT.
- By 2024, a shortage of 250,000 data scientists is predicted in the United States alone.
- The average salary of Data Scientist fresher's in India could be 6 LPA to 10 LPA.

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (AI&ML)

This program aims to develop graduates to explore the frontiers of artificial intelligence and machine learning. The program will prepare the students to implement intelligent systems like driver less cars, AI chatbots.

Career Opportunities:

- Machine Learning Engineer
- AI Engineer
- Business Intelligence Developer
- Robotics Scientist
- Robotic Process Automation Developer
- AI Based App Developer

COMPUTER SCIENCE AND DESIGN

This program aims to develop graduates that are not only well versed with computing approaches, tools, and technologies, but are also experienced with Design approaches and new Media technologies and uses.The program will prepare students to work in the IT industry as well as digital media industry like gaming, animation, virtual/augmented reality, etc.

Career Opportunities:

- Computer Graphics Designer
- UX Designer
- Product Designer
- Game Developer
- Software Engineer

ELECTRONICS & COMMUNICATION ENGINEERING

Department of Electronics and Communication Engineering in CMRTC is popularly known as 'Branch of Consistency'. Consistency in all perspectives. In the current world scenario of Digitalization, Media & Communication, 5G Technologies and many more advancements in technologies related to automation, an ECE Graduate plays an important role in building of Nation though Science & Technology. The skills acquired by the students of ECE has landed them in many reputed companies like Mentor Graphics, L&T Metro, DSP, Bosch, TCS, Hyundai, etc.. The experienced faculty are the driving force of the department.

Achievements:

- 15 Patents filed by the Department till date.
- Over 150 Papers published in reputed Journals.
- Established 03 Research Centres: 1. Centres for VLSI & Embedded System Design 2. Centres for Signal & Image processing 3. Centre for advanced Communication System
- Signed MoUs with more than 15 Companies.
- Won 1st prize in Robotics Competion held by IIT Hyderabad, BITs Hyderabad.
- More than 2000 students are facilitated with Internship in companies like HAL, NRSC, BDL, NFC, DRDL, BHEL, ECIL, etc.
- Received funding from government bodies to a tune of 1 crore.
- Industrial Visits to Satellite launch station Sree Harikota, NRSC Shadnagar, Door Darshan Kendra, Ramanthapur, Air force Station, Hakimpet, Hyderabad Radio Station, L&T Metro Signalling and Control station, Nagole and many more places.
- Highest package of 11 lacks in Microsoft.
- Ongoing Consultancy work worth of 16 Lakhs.
- Equipment worth 43.5 L from National Instrument laboratory under DST-FIST scheme.

MASTER OF BUSINESS ADMINISTRATION

The Department of MBA was established in 2009 with an intake of 60 students and has increased to 180 now. The Department induces an environment of innovative pedagogical methods and practices, sought by the industry. MBA Program of CMRTC do not confine only to academics alone but also infuse the right attitude and values enhancing their skills to face the challenging business world. The department aspire to develop business leaders which are capable of building resilient organisations, whilst adhering to the highest standards of Corporate Governance.

Achievements:

- Modern Teaching Methodology where classroom experience is put through case studies, simulation exercises etc.
- Excellent faculty with blend of experience in both industry and academic background
- Frequent Industrial Visits to make theory put into practise.
  Interaction with Corporates through Seminars, Workshops and Guest Lectures.
- Entrepreneurship Development Cell along with Incubation Centre.
- Collaboration with Premier Institutions like ISTD, NHRD and HMA for Training.
- State of the Art Laboratories for Soft Skills Training.
- 50+ Papers published by faculty in reputed peer reviewed indexed Journals.
- More than 1000 students are recruited in many reputed companies and MNCs like BYJU'S, TOPPER, JARO Education etc.,
- Sai Deepak Patel, student of MBA 2017-19 bagged World Guinness record in Martial Kicks in One Minute (Single Leg) in Taekwondo.

HUMANITIES & SCIENCES

- Department of Humanities & Sciences is the branch of Basic Sciences and Life skills consisting of Physics, Chemistry, Mathematics, English and Physical Sciences.
- A three weeks Induction program is conducted for the newly admitted B. Tech Students, to orient them towards Professional Engineering Education. Experts from fields of Industry, Scientists, Academicians, Sportsmen, Reputed Counsellors, Govt. Officials, Doctors, and Specific Achievers are invited as resource persons.
- This program acts as a bridge to connect the students with the institute and specifically the teachers, called as Mentors. This enables bonding among the students and removes the fear factor, thus getting tuned to new learning environment.
- Even, the department offers pre - placement training on aptitude and technical subjects related to emerging areas, scheduling from first year itself.
- The department lays foundation to the concepts of Engineering through the fundamental theorems & laws by putting concerted efforts to provide necessary guidance to all the students of I Year B.Tech.
- Right from First year itself the students are provided the blend of Research, Extra Curricular activities and Sports along with academics.
- The students are encouraged to be a part of various clubs like Lexis [Literary Club], Akriti [Cultural Club] and other clubs to innate their hidden talents.
- The vibrant Sport club along with Indoor Sports Complex, gives a sports enthusiastic student a best opportunity to excel.

INFRASTRUCTURE AND FACILITIES

- Total built-up Area 33539.60 Sq.m
- State of art laboratories
- 1200 capacity Auditorium
- Wi-Fi enabled campus
- Separate Hostel Facility for Boys & Girls
- Sports Complex
- Gymnasium
- Grid connected Solar Rooftop

33540 Sq.m
Total built-up Area

1200
Capacity Auditorium

1000
Capacity Boys & Girls Hostels

CMR GIRLS HOSTEL

CMR BOYS HOSTEL

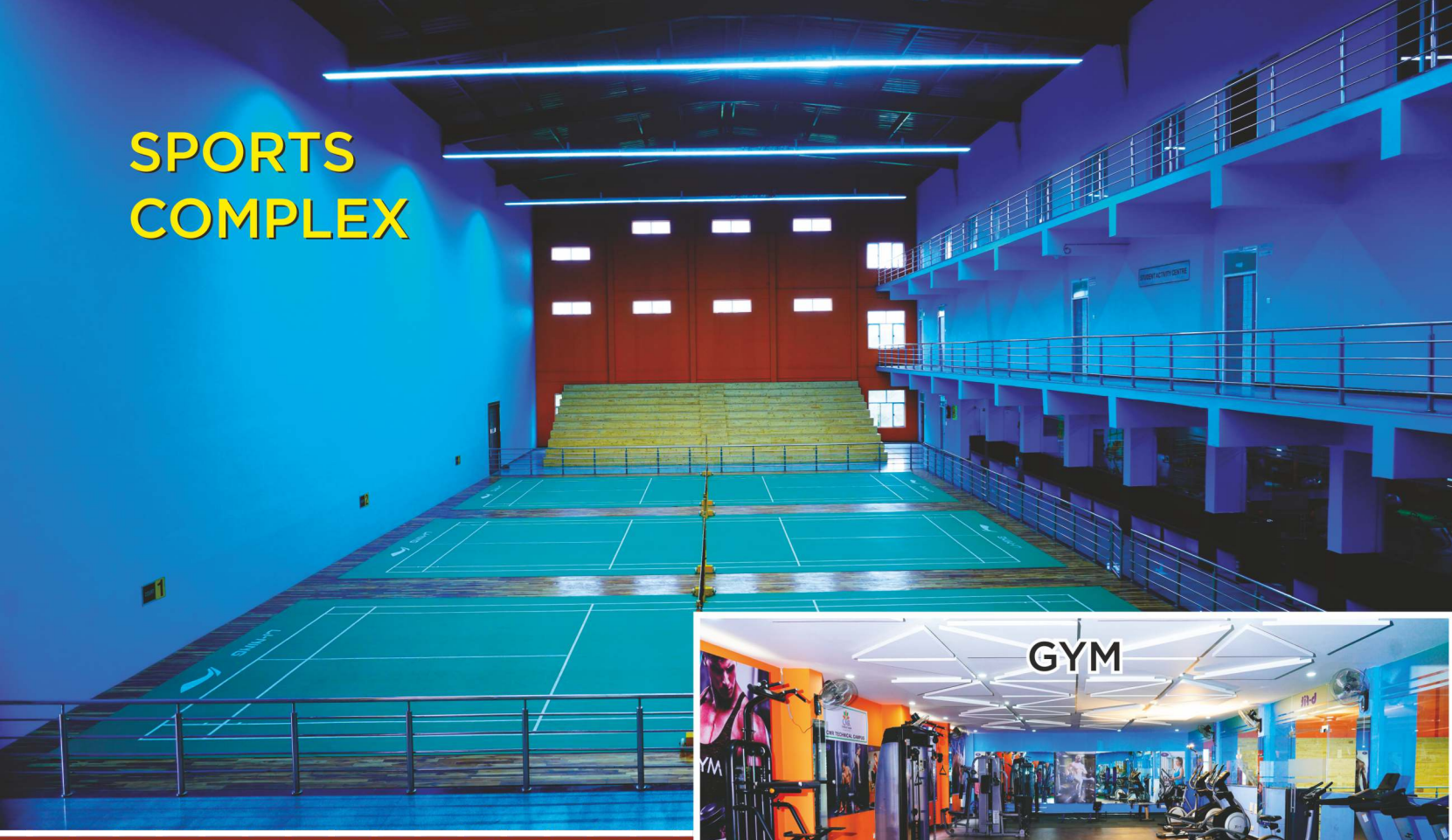
HOSTEL FACILITY

CMRTC has 500 capacity girls hostel and 500 capacity boys hostel with facilities like RO Mineral Water, Laundry Service, Hot Water, Back-up Power, Wi-Fi, TV Room, First-Aid, Round the clock security and many more.

TRANSPORT FACILITY

CMR Buses have been exclusively arranged to connect from main locations in twin cities to college to meet the need of students who wish to avail the facility. The bus timing is fixed according to the college hours. Special bus services are available for the students participating in sports and games.

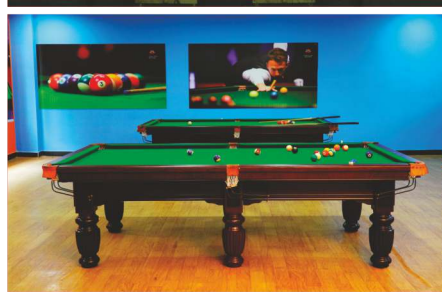
SPORTS COMPLEX



Indoor Sports Complex

CMR Technical Campus facilitates the sports loving fraternity with a world class Indoor Sports Complex. This facility is built across **21490 Sft.** which includes different sporting options.

This Indoor Sports complex houses international Standard Badminton Courts, Snookers and GYM. The other sports include Table Tennis, Carroms, Chess and Yoga Centre. This complex is centre for various student Club activities. Even boarding facility for out station participants is available.



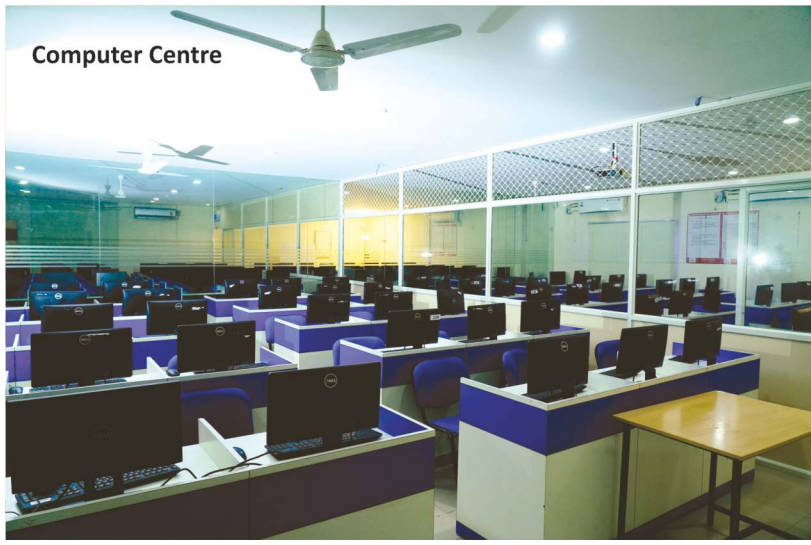
Sports Achievements

- S. Srujana of CSE Department had climbed African continent highest peak and also world's highest volcanic peak Mt. Kilimanjaro on 2nd April 2018.
- B. Sai Deepak of MBA Department achieved Two Guinness World Records for INDIA in Taekwondo for Most Number of Martial Arts Kicks in One Minute (Single Leg).
- Gold Medal at 1st Indo- Korean friendship Taekwondo championship, Korea, January 2019.
- Cdt. G. Franklin Paul of Mechanical Department won Gold Medal in the firing event during inter group competition (IGC-NSC) held at Visakhapatnam.
- Bronze Medal at 12th CK Classic International Open Taekwondo championship, Malaysia, August 2018.
- Silver Medal in SHORTPUT, Bronze Medal in DISCUS THROW at 11th Indian Open Inter Engineering Collegiate Sports Fest.
- First Place in KHO-KHO at Open Inter Engineering Collegiate Sports Fest., SPORTS BOUT -2K18 and KHELOSTAV - 2K19.
- Handball Men's Team Winners at JNTUH Central Zone on 24th March 2K18.
- Handball Women's Team Runners at JNTUH Central Zone on 24th March 2K18.
- KHO-KHO team Runners at inter College Sports fest conducted by ACE College on 28th -30th Dec. 2018.
- KHO-KHO team Winners at Inter College Sports Fest Conducted Tirumala Engineering College-2K19.

LIBRARY

35060+	5050+	160+	50	10
VOLUMES	TITLES	JOURNALS	MAGAZINES	NEWSPAPERS

Administrative Office



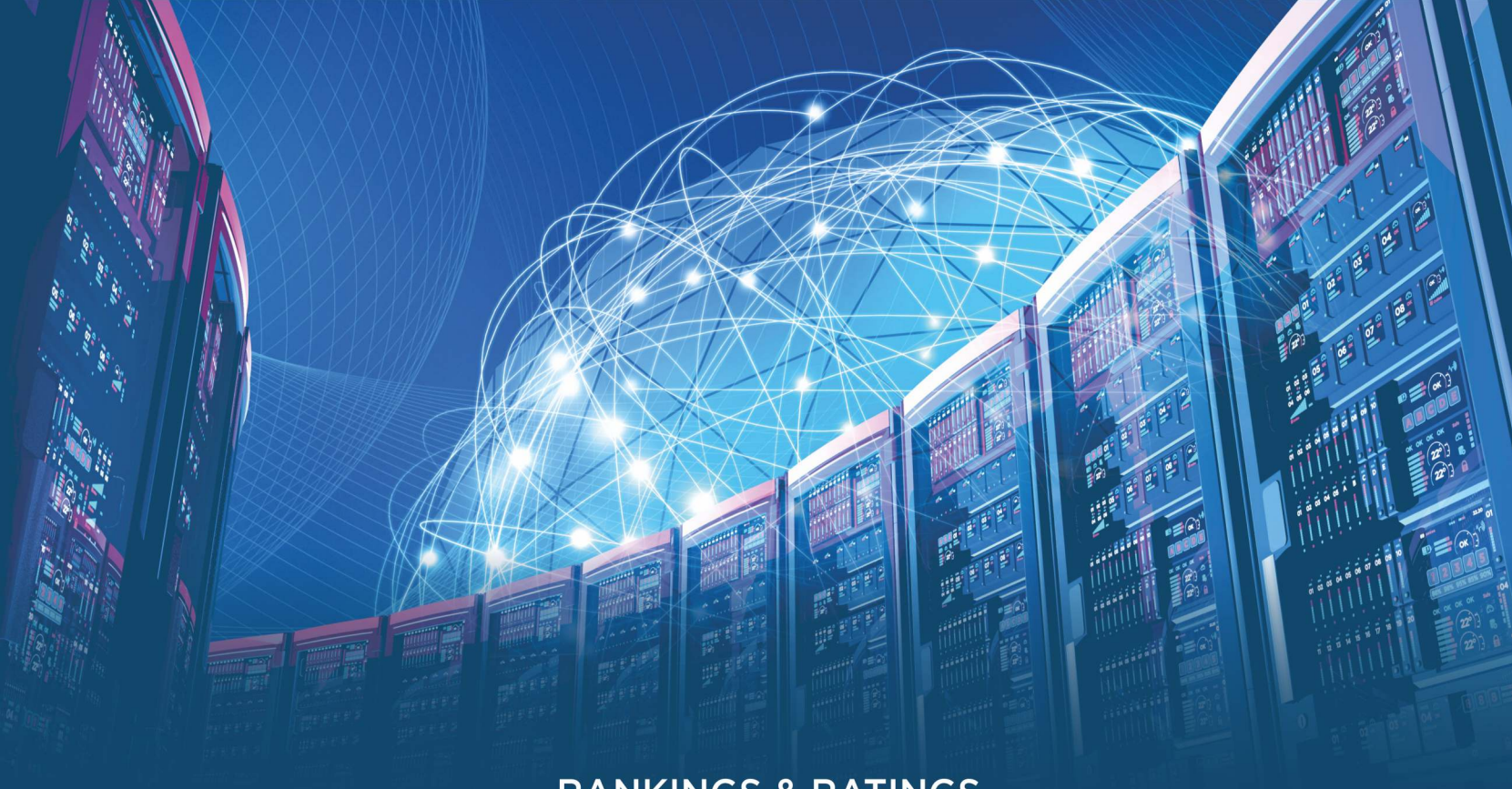
Computer Centre

Incubation Centre

Cafeteria

Solar Power Plant

Happenings @ CMRTC



RANKINGS & RATINGS

nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK
India Rankings 2021 Engineering
Rank Band **201-250**

ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS
Categorized in all India Rank **51-75** Band
Under Private / Self Finance Institutions category

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)
Rated **5** ★★★★★
For Institution's Innovation Cell for 2019-20.

NPTEL®
Rated **AA**
For Best Performance Local Chapters

THE TIMES OF INDIA
Ranked **2nd**
Among Top Private Emerging Engineering Institutes in Telangana

THE WEEK
JOURNALISM WITH A HUMAN TOUCH
Ranked **10th**
Among Emerging Private Engineering Colleges in INDIA

DECCAN Chronicle **17th**
Centre of Excellence
Rated **A++**
Among Top Private Engineering Colleges in Telangana

CAREERS 360
Ranked **2nd**
Among Top Most Reviewed Accredited Colleges

OUTLOOK
THE WEEKLY NEWSMAGAZINE
LISTED AMONG TOP EMERGING ENGINEERING COLLEGES

3pixels.in - 9701465656

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Kandlakoya, Medchal Road, Hyderabad - 501401
Ph: 9100760559, 9100470559, 9247033441

EAMCET/ICET/ PGECET CODE **CMRG**

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