



R.M.D. ENGINEERING COLLEGE (An Autonomous Institution)



ANNUAL REPORT FOR THE ACADEMIC YEAR 2022-2023

BRIEF INTRODUCTION ABOUT THE INSTITUTION

- R.M.D. Engineering College was established during the academic year 2001-2002.
- The college offers 5 UG Programmes, and Four Ph.D. programmes.
- All these Programmes are approved by AICTE, New Delhi, and affiliated to Anna University, Chennai.
- All the eligible UG Programmes are accredited by the NBA.
- The Institution has been accredited by NAAC.
- Autonomous Status Granted for a period of 10 Years from the Academic Year 2020 – 2021 onwards by the UGC and Anna University.
- Under autonomous status, we have developed our own Regulations, Curriculum, and Syllabi depending on the industrial needs.
- Most of the Courses are Laboratory Integrated Theory Subjects
- 40 % of the curriculum and Syllabi is designed by Knowledge Partners
- CSE Department Knowledge Partner with ATOS, NTT DATA, TCS, and Google for Career Readiness Program
- ECE Department Knowledge Partner with HCL, Bosch, Tata Elxsi, Johnson Control, and TCS
- IT Department Knowledge Partner with Virtusa
- CSBS Department Knowledge Partner with TCS
- AIML Department Knowledge Partner with Cognizant
- Multiple Verticals with Flexibility to Choose Honours and Interdisciplinary Minor Degree Programmes as per NEP 2020.
- The college has spacious, well-ventilated, and well- furnished classrooms, Smart Classrooms, Drawing Halls,A/C Seminar Halls, fully equipped Laboratories with Computer Centres, A/C Library, AICTE-IDEA Lab, Sustainable Development Centre, Hostel facilities, Sports facilities, Parents Waiting Hall, and Multi-Purpose Hall for other Collaborative Activities.
- 24 x 7 Wi-fi Enabled Campus
- 24 x 7 CCTV Surveillance Enabled campus.
- Student admission during the Academic Year 2022-2023 = 105 %
- Our student's strength is 2105.Boys: 1275, Girls: 830, Hosteller: 873, Day Scholar:1232
- A team of 137 highly qualified, experienced, and dedicated faculty members are at present working in the college out of which 62 Faculty Members are Doctorates: 45%
- Faculty Student ratio: 1:15

LAURELS AND ACHIEVEMENTS

- Honorable Chief Minister of Tamil Nadu Thiru. M.K. Stalin presented our Honorable Chairman Thiru. R. S. Munirathinam with the Lifetime Achievement Award 2022 in recognition of his contributions to rural education.
- The Director of the Thai Trade Center in Chennai, Royal Thai Consulate, Ms. Hataichanok Sivara, presented the Thailand Tamil Nadu Friendship Awards of Excellence 2022 to our Honorable Chairman Thiru. R. S. Munirathinam.
- Our beloved Chairman Thiru. R. S. Munirathinam is honoured with Global Educational Leadership Achievement Award 2023 on 11th May 2023 at the House of Commons, the British Parliament, Westminster, London by Dame Nia Griffith DBE, Shadow Minister for Exports of Government of the United Kingdom.
- The Ministry of Education (MoE) has awarded Our Institution Innovation Council (IIC) with a higher grade of Four Stars (Out of Five Stars) for the Academic Year 2021-22.
- NIRF Innovation Ranking 2023: Rank Band of 101-150
- Self-Supporting AICTE - IDEA Lab was established with a total Project cost of Rs. 1.11 Crores.
- Our college received the AICTE – CII Award for Best Industry – Linked Technical Institutes 2020 for the Computer & IT Engineering department and Platinum Category for all other departments.
- Our college received the National Employability Award 2023 for being amongst the top 10% of Colleges in India that excelled in AMCAT.
- Hygiene Rating Excellent 5-star rating by FSSAI, Ministry of Health & Family Welfare, Government of India.
- Eat Right Campus with a 5-star rating by FSSAI, Ministry of Health & Family Welfare, Government of India.
- Our college is recognized as one of the Top 100 SWAYAM - NPTEL Active Local Chapters with a rating ‘A’ (60th Position) based on the Performance in NPTEL Online Certification Courses held during the Period of Jan-April 2023.
- Swayam - NPTEL recognizes our college for “Best Faculty Performance “outside the top 100 rated local Chapters based on the Performance in NPTEL Online Certification Courses held during the Period July-December 2022.
- Swayam - NPTEL recognizes our college for “having the Maximum number of Domain Scholars“ based on the Performance in NPTEL Online Certification Courses held during the Period of July-December 2022.
- 1201 Students and 65 Faculty Members Successfully Completed NPTEL Online Certification Courses during the Academic Year 2022- 2023.
- 7688 Online Certification Courses Completed by Our Students and Faculty members in Coursera, Infosys Springboard, AWS, Udemy, etc.,
- Activity-based and Project-based Learning
- AI-Powered Learning System - RMK Nextgen APP
- Digital Course material
- Online Certification Courses through Swayam NPTEL, Coursera, Udemy, Edx, and Infosys Springboard
- Mentoring System – Pragati APP

- AI-Powered Career Development System – NeoPat App
- Examination and Assessment System – IamNeo - Exam APP
- Conferences, Symposium, Workshops, Guest Lectures, Industrial Visits and Faculty Development Programmes are organized by each Department under the Various Professional Societies to enrich the talents of students in Cutting Edge technologies.
- 108 events organized during the Academic Year 2022-23 under the Institution Innovation Council Sponsored by the Management worth of Rs.3 Lakhs.
- 25 Startups have been started during this Academic Year and are getting ready to function under our incubation Centre.
- The college has produced 9656 Graduates since its inception.
- Academic results for Even Semester (2021-22):90.33% and Odd semester (2022-23): 87.2%
- 1006 hours of Structured Placement Training
- 12 Centers of Excellence with Industry Collaboration.
- 18 MoUs signed with Foreign Universities and Industries like Binghamton University, ATOS, NTT DATA, ETS, TATA Elxsi, TCS, COGNIZANT, etc.,
- A Centre for Higher Education is functioning to provide guidance, orientation and training for the students who are planning for higher studies in India and abroad.110 students are pursuing Post Graduate Program in various Universities.
- TOFEL Training Program is conducted for the benefit of all third Year Students.
- Two Foreign Languages - Japanese and German classes are Conducted inside & outside College Premises for the interested Hostel and Day scholar Students.
- Women Empowerment Cell is conducting various awareness programs for the benefit of Female Students and Faculty Members.
- Our Alumni network is very strong and backbone for the growth of the Institution. Our Honorable chairman inaugurated 5 alumni chapters in various places at USA during the Year 2021. In continuation to this Our Honorable chairman inaugurated the alumni chapter at UK during this year 2023.
- In addition to this we are planning to start our alumni chapters in various places like Bangalore, Hyderabad, and Pune etc.,
- The placement Percentage is 93.66% (Batch 2019-23)
- No. of Students Placed Above Six Lakhs Salary Per Annum is 81
- No. of Students Placed Above Five Lakhs Salary Per Annum is 158
- Highest Salary is 8.4 Lakhs
- Average Salary is 4.96 Lakhs
- 752 Students attended internships in various Industries.
- 4 Anna University recognized Research Centre
 - CSE, ECE, PHYSICS, and CHEMISTRY
- 22 Anna University Recognized Supervisors
- 84 Ph. D Degrees Awarded
- 125 Scholars Pursuing Ph. D Degree
- 1303 Research Papers Published
- 3515 citations in Scopus since inception
- 1951 citations in WOS since inception

- 35 - h-index
- 4 Patents granted, 85 Patents were Published, and 61 were under examination mode.
- 51 Funded Projects worth Rs. 45,584,008/-
- 145 Consultancy Projects worth Rs. 42,96,930/-

INCENTIVES FOR THE STUDENTS & FACULTY

- To recognize the Curricular, Co-curricular and Extra Curricular activities the Management sponsored cash awards worth of Rs.30 Lakhs to the students, and 6 Gold Medals for the Best Outgoing students.
- 10 UN SDG Aligned Clubs organized 15 events and the winners received cash prizes worth Rs.1 lakh sponsored by the management.
- Hostel students relax from their stressful academic schedules by showcasing their natural abilities by participating in various events held during weekends. The winners received cash prizes worth Rs.54000/- sponsored by the management.
- The management provided funding of Rs.10.2 Lakhs for 24 events such as guest lectures, symposiums, internal hackathons, and conferences for the benefit of the students.
- Merit Scholarships worth of Rs. 5,000/- each for deserving and Economically Weak students.
- The Management sponsored 100% Prize amount as Cash award, TA and DA for the winners in Smart India Hackathon and Corporate Contests.
- The Salary of the Faculty and Staff were revised by offering Promotions, 10% hike in DA and Performance based incentive with effect from 01.11.2022. The total annual liability to the Institution by way of Salary revision is 4 Crores.
- 10% incentive for Consultancy, 100% of amount reimbursed for Patent Published and Granted.
- 100% Sponsored FDP and Certification Courses from Industry and Reputed Institutions like IITs, IISc, etc.,
- In addition to training by the industry professionals, for the faculty members who are handling emerging technology oriented new courses developed by the industry, our faculty members are being trained by the IIT, IISc, and NIT Professors.

ACHIEVEMENTS BY STUDENTS

- Lekha Sri K, II Year CSE Student has won Rs. One Lakh Cash Award in the Tamilnadu Student Innovators 2022 (TNSI) Challenge organized by Entrepreneurship Development and Innovation Institute (EDII), Government of Tamilnadu.
- Sasikaran S, Naveen Balaji V, Peer Shafik Ahamed, Sanjana G, Nivetha E, Thiyaneshwar T P, II Year CSE Students have won First Prize with cash award of Rs. 1,00,000/- in Smart India Hackathon 2022, held at ACS College of Engineering, Bangalore, Karnataka on 25.08.2022 and 26.08.2022.
- Surendar K K, Praveen S, Nanda Kumar P, Hirithik N, Samyuktha S M, Pooja V, IV Year EEE Students have won First Runner Prize with cash Award of Rs. 75000/- in Smart India Hackathon 2022 , Hardware Edition held at Indian Institute of Technology, Roorkee from 25.08.2022 to 29.08.2022.

- Nellore Adi Narayana, Katta Mohan, Pattenm Baluchandu, Pabbisetty Tejesh, III Year ECE Students have won First Prize and Cash Award of Rs.50000/- in RMK-GLANCEVILLAGE HACKATHON conducted by R.M.K. Engineering College.
- Gayathri V, Kalpitha E, and Mahalakshmi I, IV Year ECE Students have won a cash award of Rs.20000/- from the Honorable Minister of Youth Welfare and Sports Development Thiru. Udhayanidhi Stalin in the Grand Finale of IBM Nalayathiran Project TechShowCase'23, a Global Technology, Entrepreneurship and Skills Summit Organized by the Government of Tamil Nadu at Chennai Trade Centre on 25.03.2023.
- Harshini V, Gayathri G, Lithikka D, II Year CSBS Students have won the National Level VNR Design-a- Thon in the domain of “Gender Diversity”.
- Harshini V, Gayathri G, Lithikka D, Gurudharshini, II Year CSBS Students have won Second Prize in the I2H Hackathon (36 Hours Hackathon) held at Sri Eshwar College of Engineering, Coimbatore on 04.11.2022 & 05.11.2022.
- Karthikeyan A, II Year AIML Student has won FIRST PRIZE in ISTE National Level Srinivasa Ramanujan Mathematical Competitions 2022-23 organized by ISTE.
- Six Students received ISTE BEST STUDENT AWARD from ISTE for the year 2022.
- Dharaneeshwar P, Anandha Murthy B, Arun B IV Year CSE Students received ISTE – NIT Kozhikode National Award for the Best Project titled ”Share Eats – A Food Redistribution Platform based on a Zone Algorithm” held at Nagpur on 04.03.2023
- Swathy J, Veshanthini M, and Nivedha R, III Year EEE Students have won third prize for the paper titled “Solar Powered Sensor-based Irrigation System” in the World Water Day”event organized by The Institution of Engineers(INDIA), Tamilnadu State Center, Chepauk.
- Kishan R, III Year CSE Student achieved NPTEL Discipline Star for completed courses in the Same discipline and more than 50 weeks of Learning in NPTEL Online Certification Courses held during the Period July- December 2022.
- Jashvanth S R, III Year CSBS Student received NPTEL Enthusiasts Star for completing 9 courses in the Last two Semesters in NPTEL Online Certification Courses held during the Period July-December 2022.
- Jashvanth S R, III Year CSBS Student achieved NPTEL Discipline Star for completing courses in the Same discipline and more than 50 weeks of Learning and NPTEL Believers Star for completed 4 courses in NPTEL Online Certification Courses held during the Period Jan- April 2023.
- Kishan R, III Year CSE Student achieved NPTEL Motivated Learners for Successfully completing at least 8 exams in 4 Semesters and passed in 75% of Courses that appeared in NPTEL Online Certification Courses offered during the Period Jan-April 2023.

ACHIEVEMENTS BY FACULTY MEMBERS

- Dr. Helenprabha K, Professor & Head, Department of ECE received ISTE - Periyar Award for BEST Engineering College Teacher 2022 from ISTE Tamil Nadu Section during the Annual Faculty Convention - 2023 which was held at Chennai on 25.03.2023.
- Abirami N, Assistant Professor, Dept of IT, and Dr. Ashok Kumar R, Assistant Professor, Dept of S & H have received NPTEL Discipline Star for Successfully completing courses in the Same discipline and more than 50 weeks of Learning in NPTEL Online Certification Courses offered during the Period July-December 2022.

- Dr.Ashok Kumar R, Assistant Professor, Dept of S & H achieved NPTEL Domain Star for Successfully completed four core courses and 2 Electives in Manufacturing Processes and Technology Domain in NPTEL Online Certification Courses offered during the Period July- December 2022.
- Dr.Ashok Kumar R, Assistant Professor, Dept of S & H achieved NPTEL Motivated Learners for Successfully completed at least 8 exams in 4 Semesters passed in 75% of Courses appeared in NPTEL Online Certification Courses offered during the Period Jan-April 2023.
- Dr. Prasanna Srinivasan V, Abirami N, Radhika M, Dept of IT and Bala Saranya K, Sheerin Beevi L, Vishnu Sakthi D, Dept of CSE have received NPTEL Discipline Star for Successfully completing courses in the Same discipline and more than 50 weeks of Learning in NPTEL Online Certification Courses offered during the Period Jan – April 2023.
- Sri Lakshmi CH, Assistant Professor, Dept of CSBS achieved NPTEL Believers Star for completing 4 courses and NPTEL Enthusiasts Star for completing 9 courses in the Last two Semesters in NPTEL Online Certification Courses offered during the Period Jan-April 2023.
- 21 Faculty Members completed all the Eight Modules offered by NITTTR – AICTE.
- 702 FDPs attended by Our Faculty Members to enrich their skills in Emerging Technologies.

SPORTS ACHIEVEMENTS

ANNA UNIVERSITY ZONE – I TOURNAMENT - GIRLS

- Volleyball - 1st Runner up
- Basketball - 1st Runner up
- Table Tennis - Winner

- KVSL Naga Karthika, II Year AIML Won
 - Gold Medal in 4x100 mts Relay,
 - Bronze Medal in 4x400 meters Relay
 - Bronze Medal in 5000 mts.
- Booshika A., IV Year IT won
 - Best Outgoing Sportswoman award with Maximum cash prize award of Rs.8000/-.
 - Gold medals in Long jump & 4x100mts relay
 - Silver medal in Triple jump,
 - Bronze medal in 4x400mts relay
- Roshini V., II Year AIML won
 - Gold Medal in 4x100mts Relay,
 - Bronze Medal in 4x400mts Relay

- Runner in Basket Ball.
- Kiruthiga S., II Year IT won
 - Gold medal in 100m Hurdles
 - Bronze medal in 400 m Hurdles.
- Susmitha S., II Year ECE won
 - Gold Medal in 4x100mts Relay,
 - Bronze Medal in 4x400mts Relay
- Aswini S., II Year CSE won Silver Medal in Race Walking Event
- Maheswari M., II Year AIML won Bronze medal in 10000 Run event
- Salini R., II Year CSE Student has won Gold Medal in the Senior State Throw Ball Championship held at CSM College of Arts and Science, Cuddlore.
- Won 7 Gold medals, 4 silver medals, and 6 bronze medals in Athletics.
- Won the Overall Championship consecutively for 7 years.

ANNA UNIVERSITY ZONE – I TOURNAMENT- BOYS

- Chess - Runner
- Basketball - Winner
- Cricket - Runner
- Tennis - 2nd Runner up
- Ball Badminton - Runner up
- Mounishwar J., III Year ECE won Gold Medal in 110M Hurdles & Bronze Medal in Long jump.
- Mohan Raj M., IV Year ECE won Gold Medal in Race walking event.
- Bhuvanesh Manikandan II Year IT won Gold Medal in 5000 M event.
- Srihari Naidu G., III Year won bronze medal for Best Physique and receives cash Award of Rs.6000/-
- Mahesh Kumar V., Year IT won Bronze Medal for Best Physique and receives cash Award of Rs.3500/-
- Arava Sandeep, III Year EEE Student Participated in All India Inter-University Roller Skating held at Andhra University, Visakhapatnam and received a cash Award of Rs.10000/-.
- Won 3 Gold medals and 1 Silver medal in Athletics.
- Our College Men's Basketball Team won the Gold Medal in the Anna University Zonal Competition on 23.11.2022.

U. S. S. S. S.
12/06/23



[Signature]
PRINCIPAL 12/6/23

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