



CMS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi
Accredited by NAAC – ‘A’ Grade | ISO: 9001:2015 Certified)
Appachigoundenpathy, Kummittipathi (PO), Coimbatore – 641 032.

ANNUAL REPORT 2023-2024

Esteemed Chief Guest of the day Shri.V.K.Sreekandan, Hon'ble Member of Parliament, Palakkad Lok Sabha Constituency, Shri.K.Rajagopalan, Chairman, CMS Educational and Charitable Trust, Respected Vice-Chairman Shri.T.R.Ashok, Respected Secretary Shri.T.A.Venugopal, Respected Joint-Secretary Shri.K.Gereesan, Respected Treasurer Shri.B.Ravikumar, Managing Trustees, Department Heads, Faculty Members, Non-Teaching staff members and my dear students

I am extremely happy to join with you all in this auspicious time to celebrate the 14th annual day function. The annual day is the most anticipated event of the year. It is held to showcase student's talents, remove stage fear, build self-confidence, and teach teamwork. It helps students to build confidence, develop personalities, and express their opinions. It is also one of the ways to discover hidden talents in students.

CMS Educational and Charitable Trust

CMS Educational and Charitable Trust is a non-profit organization promoted by eminent industrialists, leading businessmen and distinguished professionals. The Trust has a long and proud record of progressive activities in the field of education, art, culture, sports and social service.

The Trust runs the following institutions for higher education in addition to CMS College of Engineering & Technology.

- **CMS College of Science and Commerce (CMS CSC)** is one of the premier institutions of higher learning in Coimbatore. It was established in 1988. The College is an autonomous institution affiliated to Bharathiar University and is reaccredited at A+ level with a CGPA of 3.38 out of 4 by NAAC.
- **CMS Institute of Management Studies (CMS IMS)** is a leading business school run by the CMS Trust. It is affiliated to Bharathiar University, Coimbatore and is approved by AICTE, New Delhi.
- **CMS Academy of Management and Technology (CMS AMT)** is yet another business school started by the Trust from the academic year 2009-10. It is affiliated to Bharathiar University and is approved by AICTE.

ABOUT THE CMS College of Engineering and Technology:

Institution for Technical Education established in the academic year 2009-10, under the banner of CMS Educational and Charitable Trust. The Trust has started this institution



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with a commitment to train the next generation of Engineers and Technocrats. The motto of the college "Challenge Meets Success" emphasizes its great mission of Education

The College offers 7 UG programmes and 2 PG programmes. In the Academic year 2024-2025 UG Programme Artificial Intelligent and Machine Learning will be established.

With all pride, I present the comprehensive annual report, listing our activities and accomplishments for the academic year 2023-24.

COLLEGE ACTIVITIES:

1. NAAC Peer team visited our college on 27.07.23 and 28.07.23. Our College accredited by NAAC with **A** grade in the first cycle with 3.17 on a point of 4 scale.
2. The application for **Autonomous** status was submitted.
3. **New laboratories** were established for Artificial Intelligence and Data Science Department with i5 processor and HP Server, Xeon 10 Core Processor on 24.02.2024.
4. 15th Batch **Inauguration** held on 05.09.2023. Dr.JayanthasriBalakrishnan was the Chief Guest. The induction programme was conducted for first year students from 06.09.2023 to 14.09.2023. Experts from various organizations handled the sessions and one day trip to Isha Yoga center, was arranged.
5. ERP-CMSIMS Software utilized effectively
6. **Onam Celebration** was held on 20.09.2023. Our beloved Chairman Shri.K.Rajagopalan was the Chief Guest. Students participated in various cultural events and many contests were conducted.
7. An **International Conference** on Multi-Disciplinary Perspectives in Engineering and Technology (ICMDPET-2K24) organized on 23rd April 2024. Keynote addressed by Shri. Arun Prakash Maruthachalam, Regional Senior Lead Auditor, Intertek International, Dubai UAE. Conference theme addressed by Dr. J. Preethi, Assistant Professor (Sr Grade), Anna University Regional Campus, Coimbatore.
8. Internal smart India hackathon *CMS CET HACKFEST* was organized on 26.09.2023.
9. Women Wellness: "Women's Health is her Capital" – a seminar by Dr.S.VivekaPriyadharshini, K.G Hospital, Coimbatore, has been conducted on 03.11.2023.
10. International women's day was celebrated on 21.03.2024. Dr. RamalathaMarimuthu, an educator, entrepreneur and IEEE Impact Creator was the Chief Guest and medical camp has been organized for all students and faculty with the support of KG Hospital.
11. Faculty one day recreation trip to Parambikulam was arranged by the Management on 19.08.2023.

DEPARTMENT ACTIVITIES:

1. Value added course on Full Stack Development was conducted for CSE students in association with VEI Technologies,



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Mech and civil students were trained with SKETCH UP AND AUTO CAD SOFTWARE with the support of Arris Cad Technology and

ECE students were skilled for SYSTEM ON CHIP DESIGN by Entuple Technologies Pvt.

- Industrial visits were arranged to bridge the gap between Institution and Industry. Mech students visited Castelgate Industrial Holdings Pvt. Ltd at pollachi and ECE students visited MAS Solar System Pvt Ltd
- Department of CSE and AI&DS organized a **National level technical symposium ODYSSEY** on 04.04.2024.
- Department of Mechanical Engineering has organized a **Six Days Faculty Development Programme** on “Emerging Trends in CAD/CAM” from 26.12.2023 to 31.12.2023.
- Dr. K. Manickaraj, & Mr. M. Navin, have conducted **Vocational Training** for St. Francis Xavier’s Higher Secondary School, Parisakkal from 16.11.2023 to 21.11.2023.
- Workshops Organized

Dept.	Title of Workshop	Resource person
Science & Humanities	Advanced Technology for Smart Phone Services and Trouble Shooting	New Technology Mobile, Coimbatore
CSE	Art of writing a research paper	Mr.R.Vibin, AP/CSE

- Seminars Organized

Dept	Title of Seminar	Organization / Resource person
CSE	DevOps Process implementation	Mr. Prashanth Ganesh, CEO, Preskale
ECE	Robotic Process Automation	Ms. Vaishnavi, Hyper Automation, Professional Software Engineer, Bangalore
ECE	Embracing the Digital age through Electronics	Mr.M.Amarnath Karthic, Director, Embuzz Technologies Private Limited, Coimbatore

FACULTY ACHIEVEMENTS:

- Dr. M.PRAVIN, HOD / AI&DS received certificate of appreciation from Naan Mudhalvan, TNSDC, and Tamil Nadu and from Smart India Hackathon, Ministry of Education.
- Mr.S.Prabakaran, AP /ECE has recognized as Master Trainer (IEDP- Innovation and Entrepreneurship Development programme) from EDII-TN office, Chennai.
- Dr.M. Mahendra Boopathi-HoD/Mech, Mr.M. Navin AP/Mech, have attended the Five Days Faculty Development Program on Fluid Mechanics & Machinery.
- Dr.Chithra Ganapathi HoD/CSE, Dr.M.Jayaprakash HoD/ECE and Mr.S.Prabakaran, AP/ECE have attended NPTEL Courses



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STUDENT ACIVEMENTS:

1. Final year students has submitted solution for the problem Statement in NaanMudhalvan Grand Innovation Skilling Challenge - NiralThiruvizha- A State level Hackathon. Three team was selected in the top 1000 ideas and awarded a grant of Rs.10, 000/-.

Class	Mentor	Students
IV CSE	Mr.R.Vibin	Kanimozhi V, SurajPrathap S, Naseef C T, Vimal P
IV CSE	Mrs. Divya S	Nikhil Kumar A, Pranav Das ,Hemant K V and Abhiraj R
IV ECE	Mr.S.Prabakaran	Karthick L, Santhosh S, Satishkumar P and Swetha V

2. Mr.L.Karthick and Mr.M.Prathap, IV ECE students completed internship at GK enterprise, Chennai from 19.02.2024 – 24.02.2024.
3. Mr. C N Pavithran of III yr. CSE had successfully completed internship with code clause from 1-OCT-2023 to 1-NOV-2023.
4. Sivarajadurai, KaviyaSubramanian, Kalpana,Thiruvaryyamuthu, AravindKarthick, Vigneshwaran, Nishanth, Rajesh,Jeevananthan, Vignesh,Vigneshkumar, Sivarajadurai and Hemitansham of II yr.CSEand AI&DS students have participated in various event at AnnaUniversity Regional campus, Coimbatore and secured prizes.
5. Mr. Kanishka R, Ms. Vismaya and Ms. Sumithra S of III yr CSE had successfully completed NPTEL certification course “Python for Data science”.
6. Students attended Youth Leadership Summit 2023 programmeorganized by ICTACT academy at Codissia Trade Fair complex, Coimbatore on 12.10.2023.
7. Adhithyan S and Shebin Mathew of III ECE and BijuK, PavithranCN, KanishkaR,Jayasurya M, Jones A, Srikanth, Muthukumar, Sidharth A and Muhammed Ruways of III CSE attended workshop “Cloudscape” at NIT, Trichy on 17.02.2024.
8. Ilyr students of CSE Ashmita,Kavipriya, Deepanvitha, Pavitra, Anushree,Anushika had presented a technical paper in conference organized by Nandha College of technology , Erode on 6.4.2024

ACADEMIC PERFORMANCE:

1. Overall pass percentage of final semester examination in the academic year 2023 – 2024 is 18.80%.

RESEARCH ACTIVITIES:

1. Mr.K.Manickaraj&Mr.Navin AP/Mech has published a patent titled design and implementation of hand motion robotic vehicle.
2. Dr.M.Pravin, Department of CSE andDr,K.Manickaraj,Department of Mechanical has successfully completed their Ph.D.



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3. Mr.S.Prabakaran, AP/ECE and Mr.A.Naveen Arasu AP/CIVIL has submitted their Ph.D. thesis successfully.
4. Mr. Sathish Babu, AP/Mech has submitted his Ph.D. synopsis successfully.
5. Two faculty members were completed course work and four faculty members were applied for Ph.D. under Anna University.
6. Our Faculty members published 27 papers in SCI/Scopus and International Conferences and 5 patents, they were awarded cash incentives by our management.
7. Memorandum of understanding (MOU) was signed between Industries and Departments for conducting Seminar, Internships, and Industrial Visits. The MoU signed are,

DEPARTMENT	ORGANIZATION
CSE	Yellowmatics IT and Skill Development Solutions
	Mahat labs Pvt Limited
ECE & EEE	Embuzz Technologies Private Limited, Coimbatore
AI&DS	Global Drone Hub (Jet Aerospace)

PLACEMENT ACTIVITIES:

Around 15+ Placement Drive were organized in our college campus. The lists of industries given chance for our students are

Zynofus Technologies	Talent Serve
Aficionado Technologies	ZOHO Corporation
Garmic Design	Nallas Software
S&T Engineers Pvt Ltd	Quadra Systems
JJ Hi-Tech Automation Pvt Ltd	Yes Builders
Quizaro	ArrisCadd Technology
GK Power Expertise Pvt Ltd	Windcare India Pvt Ltd
ESAF	Tata Consultancy Service

SPORTS:

Sports Activities:

1. M J Rahul from I year AI&DS won the gold medal in Silambam, organized by the 14th National Youth Games Championship held at Chougule Sports College, Goa, from October 6 to October 7, 2023. He has been selected to represent India for the International Silambam Competition.
2. M.J Rahul, I year AI&DS Student, participated in international Silimbam and Karate Championship held in Malaysia, Organized by World Silambam Sports Association and



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MGR Silambam Malaysia from 8 March 2024 to 10 March 2024 and secured first place in Silambam and third place in Karate. Our Management sponsored Rs.50, 000/- for his expenses.

3. Ms.B.Anushiya, II ECE won the gold medal in Silambam in 17th Mega Silambam& Karate National Meet 2024 organized by National Youth Sports and Education Federation India held at Rama Varma Club, Cochin on 04.05.2024.
4. Various Indoor and Outdoor games were organized in the account of National Sports Day 2023 on 24.08.2023 and 25.08.2023.
5. Our students participated in zonal level tournaments and Inter zone Tournament Conducted by Anna University at various colleges.

NSS ACTIVITIES:

1. Organized a Blood Donation camp on 08 June 2023 in association with K.G. Regional Blood Bank, Coimbatore.
2. NSS Student Volunteers participated in the camp “Tamilnadu Chief Minister Insurance” conducted at Primary school, Kumittipathy and Appachigoundenpathy on 16.02.2024.
3. Our Students participated in “My vote, My Voice & My Vote, My Rights-Awareness rally” at Thirumalayampalayam panchayat on 04.04.2024.
4. Organized Six days special camp “Youth for Clean India “at Government Higher Secondary School, Kumittipathy from 22.04.2024 to 28.04.2024.

Footsteps FOR ACADEMIC YEAR 2024-2025:

1. Steps will be taken to become Autonomous Institution in the Academic year 2024-25.
2. Applying Research Centre for all the Departments to improve Research activities.
3. To get NBA Accreditation for the eligible Departments.

CONCLUSION:

I would like to conclude by extending our sincere thanks to the Office Bearers, all Managing trustees, Teaching Staffs, Non-teaching Staffs, Parents, alumni, students and our well-wishers who have been a strong pillar of support in all our endeavor. Hoping for another successful academic year 2024-2025 with all your support and good will.