

MCET CHRONICLES JUNE 2026

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Celebrating
KNOWLEDGE
Shaping
TOMORROW

STAY INFORMED. STAY INSPIRED.
STAY CONNECTED.



ACADEMICS



RESEARCH



CAMPUS LIFE



INDUSTRY
CONNECT



ACHIEVEMENTS

PRINCIPAL'S MESSAGE

It gives me great pleasure to introduce MCET Chronicles — a new space where the everyday moments of our campus find a voice.

Engineering education is not built in grand gestures alone; it grows in classrooms, labs, conversations, and quiet moments of discovery. This newsletter is our attempt to capture that.

I see this as more than a publication — it is a shared record of who we are and who we are becoming. I look forward to watching it grow, issue after issue, alongside the community it represents.



Dr. P. Govindasamy
Principal &
Joint Secretary

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INSTITUTIONAL ACHIEVEMENTS

A Remarkable Recognition

A Culture That Inspires

MCET has been ranked **First** in the **Great Place to Work - Mid-Size Category**, earning this prestigious recognition for the **third consecutive year**.

This remarkable achievement reflects the institution's unwavering commitment to creating an inclusive, collaborative, and people-centric workplace that values trust, innovation, and excellence.

The recognition highlights MCET's sustained efforts in fostering employee well-being, professional development, and a positive organizational culture, reinforcing its position as one of the leading educational institutions committed to excellence in both academics and workplace practices.



INSTITUTIONAL EVENTS

23rd Graduation Day

MCET celebrated its **23rd Graduation Day** on **13th June 2026** at the Nachimuthu Gounder Centenary Centre. The ceremony was graced by Sri. Rajesh Uppal, Director, Suzuki Motorcycle India (P) Ltd., as the Chief Guest, who inspired the graduates with his address on professional excellence and lifelong learning.

Degrees and awards were conferred upon the graduating students in recognition of their academic achievements.

The event marked a significant milestone in the graduates journey and reaffirmed MCET's commitment to nurturing competent, ethical, and industry-ready professionals.



Youtube Link

EXTENSION ACTIVITY



Building Skills Empowering Lives

The Department of Electrical and Electronics Engineering, in association with the Department of Extension Services - Sakthi PURA, AVERA, the Institutional Social Responsibility (ISR) Cell, and the Institution's Innovation Council (IIC), organized a two-day hands-on skill development training programme on "Home Appliances Servicing and Maintenance" on 12-13 June 2026.

The initiative reflected the department's commitment to experiential learning, community engagement, and industry-relevant skill development.



Hands-on training in appliance servicing



Enhanced employability and technical competence



Promoting entrepreneurship and community engagement



SPORTS ACHIEVEMENTS

Team Spirit Winning Together

The MCET Staff Cricket Team actively participated in an inter-institutional cricket tournament, showcasing exceptional teamwork, sportsmanship, and competitive spirit.

The event provided a great platform for faculty members to build collaboration, stay fit, and strengthen bonds beyond the classroom.

Our team's enthusiasm and commitment reflect MCET's focus on holistic development, work-life balance, and a vibrant campus culture.



Teamwork & Camaraderie



Fitness & Well-being



Collaboration Beyond Classrooms



Holistic Development





INSTITUTIONAL RECOGNITION

Honoured for Our Partnership

MCET was honoured at **Sakthi Connect'26**, the flagship event of Sakthi Auto, in recognition of its valuable contributions and long-standing association with the Sakthi Group.

The event celebrated excellence, innovation, and collaborative partnerships, bringing together leaders from industry and academia.

This recognition reflects **MCET's** commitment to academic excellence, industry engagement, and meaningful collaborations that create a lasting impact on society and the engineering profession.



Strengthening
Industry
Collaboration



Celebrating
Excellence &
Innovation



Building Lasting
Partnerships



Creating Positive
Impact on Society
& Engineering



INSTITUTIONAL ACHIEVEMENTS

Strengthening Industry Partnerships

MCET has been recognized as a **Patron Member** of The Coimbatore District Small Industries Association (**CODISSIA**) with effect from May 2026. This prestigious membership strengthens our industry engagement and opens doors for valuable collaborations.

It will create opportunities for industry visits, internships, faculty & staff training, research, joint publications, and enhanced career prospects for students.

Together, we move towards stronger academia-industry partnerships and experiential learning.



Industry Visits &
Internships



Faculty &
Staff Training



Collaborative
Research



Joint
Publications



Enhanced Career
Opportunities



STUDENT ACHIEVEMENTS

A Young Cyber Security Expert

Vetrivel U, a **Class of 2027** student from the Department of **Cyber Security**, earned a **Bug Bounty Reward** of **EUR 8,000** (approximately ₹8.65 lakh) from a France-based multinational company for identifying and responsibly reporting critical security vulnerabilities.

This is his second major bug bounty achievement, reflecting his exceptional skills in cybersecurity and ethical hacking.

His success brings pride to MCET!



Identified & reported critical security vulnerabilities



Expertise in cybersecurity & ethical hacking



Second major bug bounty achievement



Proud moment for MCET



EXTENSION ACTIVITY

Coding Today Solving Tomorrow

The Department of information Technology, in association with Sakthi PURA, organized a two-day training programme on **"Problem Solving Using Python Programming"** on **11-12 June 2026** for school students.

The programme introduced fundamentals of Python, problem-solving approaches, and hands-on coding practice, enhancing student's logical thinking and programming skills



ALUMNI MEET

Reconnecting Reliving Rejoicing

The MCET Alumni Association organized an Alumni Meet on **13 June 2026** across all departments for the **2025** graduating batch.





ALUMNI ACHIEVEMENTS

International Recognition



Mr. Shyaam, alumnus of the 2019 B.Tech. Information Technology batch, received the **11th-35 International Photography Award** in recognition of his outstanding creativity and excellence in photography.



We congratulate him on this remarkable achievement and wish him continued success in his artistic journey



ALUMNI ACHIEVEMENTS

Empowering Communities



Ms. V. Thenmozhi, alumna of the 2014-2018 B.E. Electrical and Electronics Engineering batch, has been selected as an Assistant Engineer in the Tamil Nadu Power Distribution Corporation Ltd. (TNPDC). She received her appointment order on 24 June 2026 from our **Honourable Chief Minister of Tamilnadu, Thiru C. Joseph Vijay** and was posted to the Erode Electricity Distribution Circle.



We congratulate her on this well-deserved achievement and wish her continued success in her career.



Selected as
Assistant Engineer, TNPDC



Appointment Order
Received on 24 June 2026



Posted to Erode Electricity
Distribution Circle





ALUMNI ACHIEVEMENTS



From MCET to Canara Bank



Ms. G. Nivetha, alumna of the 2019 B.E. Electrical and Electronics Engineering batch, has been selected as a Probationary Officer (PO) at Canara Bank.



We congratulate her on this achievement and wish her continued success in her banking career.



Together We Can

PROBATIONARY OFFICER



Leading Innovation Driving the Future



Mr. S. Natarajan, alumnus of the 2002 Computer Science and Engineering batch, has been appointed as Director at Capgemini to lead Generative AI and Agentic AI programs for one of the largest banking clients in Southeast Asia.



Director at
Capgemini



Leading Generative AI
& Agentic AI Programs



For One of the Largest
Banking Clients in
Southeast Asia



Giving Back Empowering Futures



Mr. Rishikesh Sreedhar, alumnus of the 2002 Computer Science and Engineering batch, generously contributed a scholarship of 37,935 to Ms. Saffia J. P., IV Year, Department of Electrical and Electronics Engineering, on 15 June 2026.



Thank you for
making a difference!



ALUMNI CONTRIBUTIONS & ACHIEVEMENTS



Giving Back Inspiring Futures

Mr. M. Ramalingam, alumnus of the 2005 Information Technology batch, contributed a scholarship of ₹20,000 to Ms. Saffia J. P., IV Year, Department of Electrical and Electronics Engineering on 2 June 2026.



Support Today Strengthen Tomorrow

Mr. V. Srinivasan, alumnus of the 2002 Computer Science and Engineering batch, contributed a scholarship of ₹10,000 to Ms. Saffia J. P., IV Year, Department of Electrical and Electronics Engineering on 5 June 2026.



Record Breaking Effort. Sustainable Impact.



MCET NCC Cadets were honoured during the Limca Book of Records Recognition Ceremony by 2 TN Air Squadron NCC, Coimbatore on 13 June 2026.

They set the record for "Most Seed Balls Rolled" by preparing 75,000 seed balls in just two hours on 18 April 2025.



STUDENT ACHIEVEMENTS



Mr. R. S. Ajey Parimanam
III Year CSE



Ms. S. Pavithra
III Year CSE

Learning Today Leading Tomorrow

Mr. R. S. Ajey Parimanam & Ms. S. Pavithra, III Year CSE, successfully completed the NPTEL-SWAYAM Summer Internship 2026, jointly organized by IIT Roorkee and Anna University.



The internship enhanced their technical knowledge, practical skills, and exposure to emerging technologies



NPTEL DISCIPLINE STARS



Dr. V. K. Sudha
ECE



Dr. R. Rajlana
AIGDS



Mr. Sreejith S. Nair
MECH



Ms. G. Keerthika
IT



Ms. S. R. Indulekha
AIGDS



Ms. T. Sumathi
IT



Mr. M. Vignesh
ECE



Mr. M. Chaitanyan
ECE

Recognized for Academic Excellence

Our faculty and students were recognized as NPTEL Discipline Stars and received Certificates of Appreciation for their outstanding performance in the SWAYAM-NPTEL Discipline Star initiative across the Computer Science, Mechanical, and Electrical domains.



FACULTY ACHIEVEMENTS



Researching Today Innovating Tomorrow

Dr. R. Muthubharathi, AP(SS), Department of EEE successfully completed the Ph.D. from the Faculty of Electrical Engineering, Anna University, on 19 June 2026.

Research Title:

Investigation on Deep Reinforcement Learning and Optimization for Adaptive Workload Allocation in IoT-Fog-Cloud Environment



The research contributes to the advancement of intelligent resource management in distributed computing systems.



The institution extends its congratulations and wishes continued success in future research endeavours.



FACULTY ACHIEVEMENTS



Learning Today Leading Tomorrow

Ms. S. Suthaviji, AP(SS), Department of Civil Engineering, successfully completed the NPTEL-SWAYAM Summer Internship 2026, jointly organized by IIT Roorkee and Anna University.



The internship provided advanced academic exposure and practical insights, strengthening professional expertise and promoting continuous learning in engineering education.



Excellence in Advanced Learning

Mr. P. Boopathi Rajan, AP(SS), Department of Computer Science and Engineering, successfully fulfilled all the requirements for the SWAYAM-NPTEL Faculty Domain Certification (Advanced).



This achievement recognizes his advanced competency in the selected domain and reflects his commitment to continuous professional development and excellence in teaching.



FACULTY DOMAIN
CERTIFICATION (ADVANCED)



Advanced Competency
Recognized



A Believer in Continuous Growth

Ms. S. R. Indurekaa, AP, Department of Artificial Intelligence and Data Science, was recognized as an NPTEL Believer after successfully completing all the requirements for the SWAYAM-NPTEL Domain Certification in Data Science - Computer Science.



This recognition reflects her consistent commitment to continuous learning and academic excellence.



Domain Certification
Data Science -
Computer Science



RESEARCH ACHIEVEMENTS

Q1

JOURNAL PUBLISHED



Dr. P. Harihara Sakthi Sudhan
ASP-Research/Mech



Title of Paper, Patent, or Innovation Project:

Multi-objective optimization of tribological performance in precipitation-hardened custom 450 steel



Journal Name / Funding Agency/Event Details:

Journal of Materials Research and Technology, Elsevier Publication

KEY METRICS / IMPACT

(e.g., Impact Factor, Grant Amount, Patent Status)



7.3

Impact Factor



Congratulations to the faculty member for this outstanding research contribution and for bringing recognition to the institution.



RESEARCH ACHIEVEMENTS

Q1

JOURNAL PUBLISHED



Ms.N.Chithra
AP/Chem



Dr.S.Parveen
AP(SG)/Chem



Dr.P.A.Periasamy
Prof./Chem



Dr.J.Johnson William
AP(SS)/Phy



Title of Paper / Patent / Innovation Project:

Supercapacitive performance of metal- ligand complexes derived from tridentate Schiff base



Journal Name / Funding Agency/Event Details:

Ceramics International, Elsevier Publication



KEY METRICS / IMPACT

(e.g., Impact Factor, Grant Amount, Patent Status)



5.6

Impact Factor



Congratulations to the faculty members for their impactful research contribution and for bringing recognition to the institution.

MCET CHRONICLES JUNE 2026



RESEARCH ACHIEVEMENTS

Q1

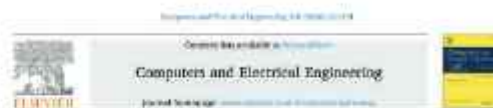
JOURNAL PUBLISHED



Dr. C. Moorthy
AP(SG)/ECE



Mr. A. Shafeek
AP(SS)/ECE



An efficient multi-scale attention and transformer framework for osteoarthritis diagnosis and surgical decision support using 3D MRI

Moorthy C^{1,*}, A Shafeek², M Vijay³, Karthi Palani⁴

¹Dr. Mahalingam College of Engineering and Technology, Pollachi, Tamil Nadu, India
²Department of Computer and Electronics Engineering, Tamil Nadu, India
³Department of Computer and Electronics Engineering, Tamil Nadu, India
⁴Department of Computer and Electronics Engineering, Tamil Nadu, India

ARTICLE INFO

Keywords:
Osteoarthritis; Multi-scale attention; Transformer; Surgical decision support; 3D MRI; Deep learning

ABSTRACT

Osteoarthritis (OA) is a degenerative joint disease characterized by the breakdown of articular cartilage, leading to pain and reduced mobility. Early diagnosis and surgical decision support are crucial for effective treatment. This paper proposes a multi-scale attention and transformer-based deep learning framework for OA diagnosis and surgical decision support using 3D MRI data. The framework consists of a multi-scale attention mechanism that captures local and global features, and a transformer-based architecture that processes the extracted features. The proposed framework is evaluated on a dataset of 3D MRI scans from 100 patients, showing superior performance in OA diagnosis and surgical decision support compared to existing methods. The results demonstrate the effectiveness of the proposed framework in capturing multi-scale information and processing it efficiently.

1. Introduction

Osteoarthritis (OA) is one of the most common degenerative joint conditions and a leading cause of disability worldwide. It affects approximately 10% of people above the age of 60 and is characterized by the breakdown of articular cartilage, leading to pain and reduced mobility. Early diagnosis and surgical decision support are crucial for effective treatment. This paper proposes a multi-scale attention and transformer-based deep learning framework for OA diagnosis and surgical decision support using 3D MRI data. The framework consists of a multi-scale attention mechanism that captures local and global features, and a transformer-based architecture that processes the extracted features. The proposed framework is evaluated on a dataset of 3D MRI scans from 100 patients, showing superior performance in OA diagnosis and surgical decision support compared to existing methods. The results demonstrate the effectiveness of the proposed framework in capturing multi-scale information and processing it efficiently.

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https://doi.org/10.1016/j.cae.2025.108422



Title of Paper, Patent, or Innovation Project:

An efficient multi-scale attention and transformer framework for osteoarthritis diagnosis



Journal Name / Funding Agency/Event Details:

Computers and Electrical Engineering,
Elsevier Publication

KEY METRICS / IMPACT (e.g., Impact Factor, Grant Amount, Patent Status)



5.5
Impact Factor



Hearty Congratulations to the faculty members for their valuable research contribution and for bringing recognition to the institution



RESEARCH ACHIEVEMENTS

Q1

JOURNAL PUBLISHED



Mr.S.Dinesh Kumar
AP(SS)/Civil



Dr.N.Natarajan
Prof./Civil



Hydrological Sciences Journal

History of groundwater level estimation in India: ancient to modern

S. Dineshkumar, N. Natarajan & M. Vasudevan

10.1080/10849399.2025.2288877

Full-text article: <https://doi.org/10.1080/10849399.2025.2288877>

Published online: 10 Jan 2026

Submit your article to this journal

Indexing: 10

View citation analysis

View citation analysis

View citation analysis

Full-text article: <https://www.tandfonline.com/doi/full/10.1080/10849399.2025.2288877>



Title of Paper, Patent, or Innovation Project:

History of groundwater level estimation in India: ancient to modern



Journal Name / Funding Agency/Event Details:

Hydrological Science Journal, Taylor & Francis Publication

KEY METRICS / IMPACT (e.g., Impact Factor, Grant Amount, Patent Status)



3.6

Impact Factor



Congratulations to the faculty members for their impactful research contribution and for bringing recognition to the institution.

MCET CHRONICLES JUNE 2026



CENTRE OF EXCELLENCE

MSP430 MICROCONTROLLERS

3-DAY BOOT CAMP

Key Outcomes &
Technologies Taught:



MSP430
Microcontrollers



Real-time
debugging



KEY HIGHLIGHTS



Hands-on
programming
with TI MSP430
LaunchPad kits



Learn, build and
deploy custom
firmware



Real-time
debugging and
performance
analysis



Industry-standard
tools &
environments



Certificate of
participation for
successful
learners



A 3-day intensive boot camp enabling students to program and deploy custom firmware on industry-standard Texas Instruments kits



ASSOCIATION & CLUBS



Name of the Association/Club
AI&DS



Event Type
(Symposium / Guest Lecture /
Cultural/ Quiz/ Workshop):
**Five-Day Faculty
Development Programme (FDP)**



Event Title
**Development of Immersive
Applications Using Unreal Engine
(AR/VR/XR)**



Date of Event
15.06.2026 - 19.06.2026



Guest Details



Mr. C. M. Muthu Krishnan
Senior Faculty (XR) and Unreal
Authorized Instructor, Monolith
Research and Training Labs,
Chennai.



Total Attendance
(Students & Faculty): **32**



SD ENVIRONMENT
DESIGN



AR / VR / XR
DEVELOPMENT



MULTIMEDIA
INTEGRATION



DEPLOYMENT OF
IMMERSIVE SOLUTIONS



A 3-day intensive boot camp enabling students to program and deploy custom firmware on industry-standard Texas Instruments kits



ASSOCIATION & CLUBS



Name of the Association/Club

Department: Electronics Engineering
(VLSI Design and Technology)



Event Type

(Symposium / Guest Lecture /
Cultural/ Quiz/ Workshop):

One Day Workshop



Event Title

One Day Workshop on "Layout
Optimization Techniques"



Date of Event

19.06.2026



Guest Details



Mr. P. Karthikraja

Lead Engineer
SiMaxTech Pvt Ltd



Total Attendance

(Students & Faculty): **65**



Congratulations to the Department of Electronics Engineering (VLSI Design and Technology) Association for organizing a successful and insightful One Day Workshop.



ASSOCIATION & CLUBS



Name of the Association/Club
MCET Alumni Association



Event Title
Alumni meet of all depts



Date of Event
13.06.2026



All departments organized an Alumni Meet for the students who graduated in 2025. The event brought alumni back to their respective departments, where they reconnected with faculty and classmates, shared cherished memories, reflected on their college experiences, and strengthened their bond with the institution.



Reconnecting hearts. Reviving memories. Strengthening our MCET bond.
Once MCETian, Always MCETian!

MCET CHRONICLES JUNE 2026



HIGHER STUDIES (CHCEFL)



Domain

Centre for Higher Education,
Competitive Exams & Foreign
Languages (CHCEFL)



Program

Japanese NAT Q5
Examination Preparation



Training Partner

Zing Languages



Target Audience

17 Second-Year Students



Core Outcomes

6-Day Intensive
Training & Mock Tests



BRIEF SUMMARY OF ACTIVITY

A six-day intensive Japanese language training program was conducted from 6–11 July 2026 to prepare students for the Japanese NAT Q5 Examination. The sessions included grammar revision, vocabulary building, listening practice, and full-length mock tests to strengthen students' confidence and exam readiness for the certification examination.



Earning Global Credentials. Unlocking International Opportunities.

MCET CHRONICLES JUNE 2026



OUTREACH ACTIVITIES



Association with Sakthi PURA -
**Problem Solving Using
Python Programming**



Date
11.06.2026 to 12.06.2026



Target Beneficiaries
School Students



BRIEF SUMMARY OF ACTIVITY

The session focused on Python fundamentals, problem-solving techniques, and hands-on programming activities to strengthen students coding and analytical skills.



Association with Sakthi PURA
Training Programme



Date
12.6.2026 to 13.6.2026



Target Beneficiaries
Participants (External & Internal)



Resource Person
Mr. J. M. Loganathan,
Kannan Agencies, Pollachi



Key Metrics **31**



BRIEF SUMMARY OF ACTIVITY

On June 12-13, 2026, the EEE Department trained 31 participants in a hands-on "Home Appliances Servicing and Maintenance" workshop led by Mr. J. M. Loganathan and lab technicians to enhance practical skills and employability.

MCET CHRONICLES JUNE 2026



INDUSTRY & DEVELOPMENT



Activity Type
Industrial Visit



Partner Industry
Rane Steering System



Date
23.06.2026



Target Department
Mechanical Engineering



Key Outcomes
Students Internship Review

BRIEF SUMMARY OF THE COLLABORATION



As per the MoU, students are undergoing internship at Rane Steering Systems. HoD along with managers reviewed the student's performance and also discussed with Alumni working there about the curriculum refinement.





Upcoming Events

**Dr. MAHALINGAM
COLLEGE OF ENGINEERING
AND TECHNOLOGY**
Pollachi, Coimbatore

An Autonomous Institution
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Accredited by NAAC with 'A++' Grade

Department of Science & Humanities

**Campus LaunchPad
2026**
(An exclusive propeller for novices)

Focus Themes

- Corporate Communication
- Design Thinking
- Industrial Automation
- AI prompting for Learning
- Programming & Hackathon
- Indian Knowledge System
- Higher Studies
- Personal Etiquettes

29 July - 14 Aug 2026

IDEATE INNOVATE CREATE

10th Floor, Pollachi 642 003. | Contact: 99429 55540 / 98422 21292 | www.drmcet.ac.in
98422 21292 / 99429 55540. Ph: 94450 - 22000 / 44 33760 / 66

ONIA

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COLLEGE OF ENGINEERING AND TECHNOLOGY**
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POLLACHI, COIMBATORE - 642 003

NCC
ARMY & AIR WING
ALUMNI MEET
(Reunion)

20 YEARS OF NCC AT MCET
15th August 2026
INDEPENDENCE DAY
Time : 8:00 AM to 2 PM

PROGRAMME

- FLOA INVITING AT GROUND
- PROGRAMME AT CS HALL

20 YEARS
OF NCC AT MCET

We Warmly Welcome All Batches from 2006 to 2026

Once a cadet, always a cadet.
99429 44429 | alumni@drmcet.ac.in

MCET CAMPUS
POLLACHI, TAMIL NADU

QR CODE

QUIZ

Question 1

Which formal mathematical verification language highly trending in mid-2026 AI research is used to program code that verifies mathematical proofs line-by-line?



Question 2

What is the only metal that exists as a liquid at standard room temperature, often used in older thermometers?



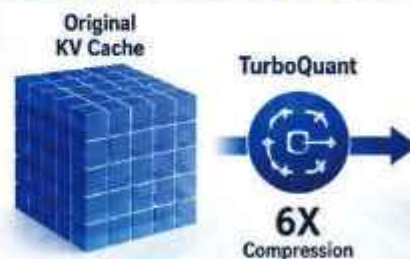
Question 3

In June 2026, IBM announced a major semiconductor breakthrough by debuting the world's first sub-1 nanometer chip technology using a revolutionary 3D transistor architecture. What is the specific name of this new three-dimensional, nanosheet-based design?



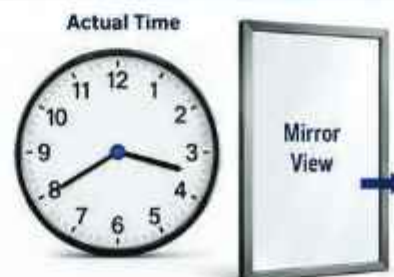
Question 4

Google recently introduced TurboQuant, a technology that reduces the memory needed for AI to remember long conversations. What specific AI memory does it compress by up to 6x?



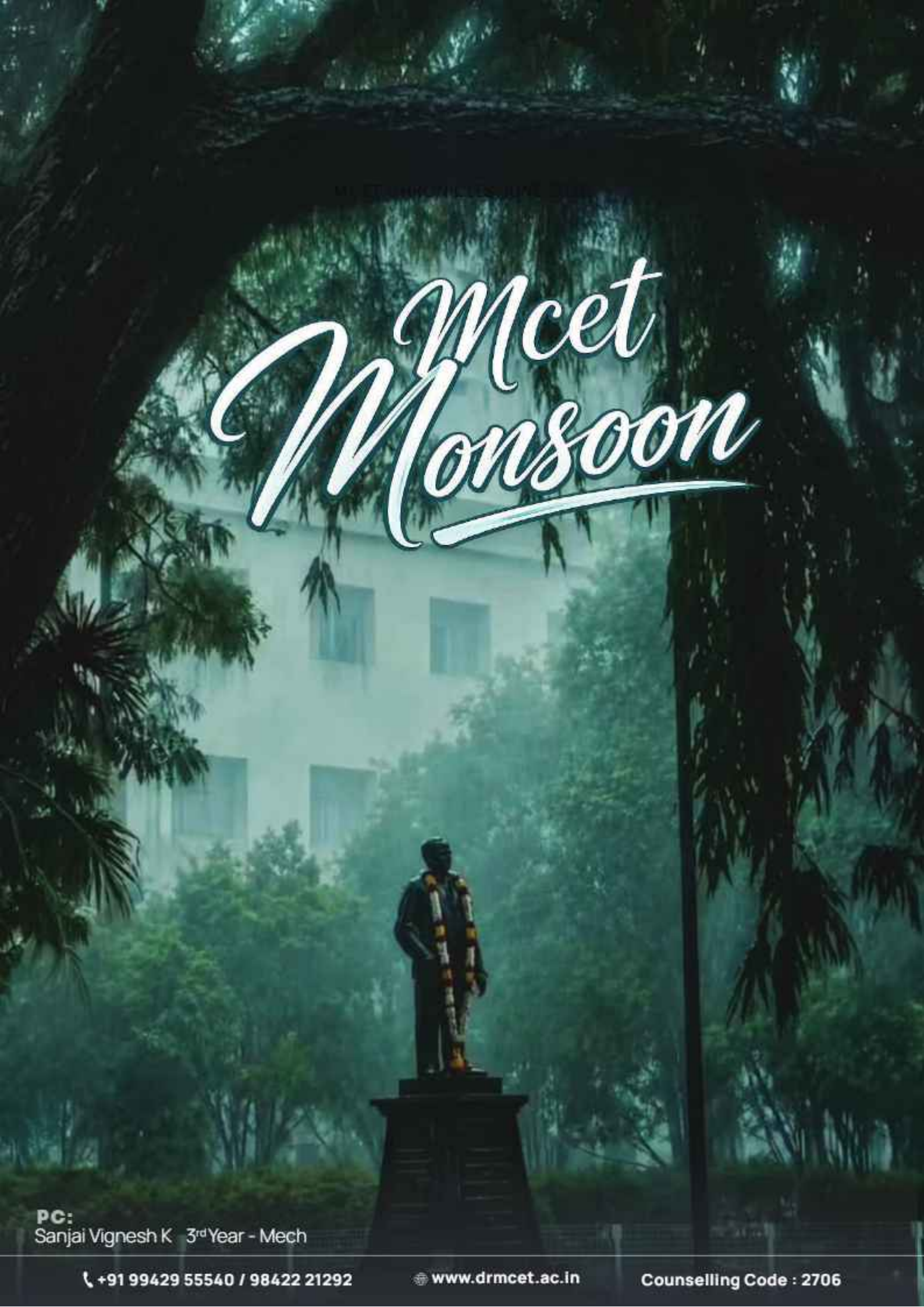
Question 5

If a standard clock reads exactly 03:40 when viewed normally, what time will it appear to show when viewed directly in a vertical mirror?



Answers

1. Lean 4 2. Mercury (Quick-silver) 3. Nanostack 4. The KV Cache 5. 08:20



Mcet Monsoon

PC:
Sanjai Vignesh K 3rd Year - Mech

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🌐 www.drmcet.ac.in

Counselling Code : 2706