MOUNTZIONCOLLEGEOFENGINEERING
KADAMMANITTA,PATHANAMTHITTA

MANDATORY DISCLOSURE

18.1	Name of the Institution	Mount Zion College of Engineering
	Address of the Institution	Kadammanitta Pathanamthitta District, Kerala, India
		0468–2216325,0468-2217425
	City & Pin Code	689649
18.2	Name and Address of the Trust/Society	
18.3	Name & Address of the Principal	

18.4	Name of the Affiliating University	Charitable Educational and Welfare Society, Kadammanitta, Pathanamthitta District
18.5	**GOVERNANCE** **Organizational Chart**	
	Grievance Redressal Mechanism for Faculty, Staff & Students	The Grievance Redressal Committee addresses student complaints promptly and recommends suitable remedial measures to resolve grievances effectively.
	Establishment of Anti-Ragging Committee	The Anti-Ragging Committee investigates all reported or suspected incidents of ragging and, where necessary, recommends disciplinary action in accordance with institutional and legal guidelines.
	Details of Grievance Redressal Committee in the Institution.	The College has established an Online Grievance Redressal Mechanism through a dedicated link on the official website. Complaints submitted through this platform are reviewed by the concerned authorities, who ensure timely and appropriate remedial action.
	Establishment of Internal Committee (IC)	An Internal Committee (IC) is established n the college.
	Establishment of Committee for SC/ST	A Committee for SC/ST is established n the college.
18.6	Internal Quality Assurance Cell (IQAC)	IQAC is Established in our college. IQAC Sets quality standards for academic and administrative activities. It Create benchmarks for teaching, learning, research, and extension.
	PROGRAMMES Name of Programmes approved by AICTE	B.Tech. Aeronautical Engineering : 30 seats - 4 Years B.Tech. Civil Engineering : 30 seats - 4 Years B.Tech. Computer Science & Engineering : 60 seats - 4 Years

B.Tech. Electronics & Communication Engineering : 30 seats - 4 Years
B.Tech. Mechanical Engineering : 30 seats - 4 Years

M.Tech. Computer Science & Engineering : 12 seats - 2 Years
M.Tech. Communication Engineering (EC) : 12 seats - 2 Years
MBA : 60 seats - 2 Years
MCA : 60 seats - 2 Years

Name of Programmes accredited by NBA	NIL
Total Number of Courses	UG 5 courses PG 4 courses Total 9 courses
Faculty	Branchwise list of Faculty Members

Dr. S Pradeepkumar	AERO	HoD
Sanjeev Krishnan	AERO	Assistant Professor
Athin S Prasad	AERO	Assistant Professor
Minu J J	AERO	Assistant Professor
Minnu S	AERO	Assistant Professor
Arya M S	AERO	Assistant Professor

Dr. M T Simon	EC	Dean
Dr. Thomas George	EC	HoD
Shahana Habeeb Mohammed	EC	Assistant Professor
Lakshmi S Nair	EC	Assistant Professor
Megha Hanna Sam	EC	Assistant Professor
Shejin Mathulla Thomas	EC	Assistant Professor
Akshara Asokan	EC	Assistant Professor
Reeba Sara Koshy	EC	Assistant Professor
Smrithi Sumesh	EC	Assistant Professor

Dr. Smita C Thomas	CS	HoD
Gokula Krishna J K	CS	Assistant Professor
Premchand K	CS	Assistant Professor
Simi Elizabeth Jacob	CS	Assistant

		Professor
Devika S	CS	Assistant Professor
Subin Babu	CS	Assistant Professor
Megha S. Kumar	CS	Assistant Professor
Jishnu S	CS	Assistant Professor

Lincy Elsa Varghese	CIVIL	HoD
Jeena James	CIVIL	Assistant Professor
Juley Elizabeth Varghese	CIVIL	Assistant Professor
Amrutha Abraham	CIVIL	Assistant Professor
Athira Soman	CIVIL	Assistant Professor
Anagha Shaji	CIVIL	Assistant Professor
Siby Susan John	CIVIL	Assistant Professor
Sreelakshmi Uthaman	CIVIL	Assistant Professor
Megha Rachel Philip	CIVIL	Assistant Professor
Hasnath Sharraj	CIVIL	Assistant Professor

Akhil Raj P	MECH	HoD
Kiran Reghunath	MECH	Assistant Professor
Shibin Thomas	MECH	Assistant Professor
Anoop C A	MECH	Assistant Professor

Sudheesh S R	BS&H	HoD
Dr. Sunila Abraham	BS&H	Professor
Santhimol Sasi	BS&H	Assistant Professor
Binoy Sebastian	BS&H	Assistant Professor
Neethu Manoharan	BS&H	Assistant Professor
Jinumol Philip	BS&H	Assistant Professor
Feba Raichal Jacob	BS&H	Assistant Professor

Anju M Nair	BS&H	Assistant Professor
Kavya Narayanan	BS&H	Assistant Professor

Dr. T Cvarghese	MBA	Director
Babitha Elsa Oommen	MBA	HoD
Mahima S Krishna	MBA	Assistant Professor
Kshema Sekhar	MBA	Assistant Professor
Assiya A R	MBA	Assistant Professor
Varsha Babu	MBA	Assistant Professor
Shamila Sheik	MBA	Assistant Professor
Sajitha Varghese	MBA	Assistant Professor

Bevi Mariam Koshy	MCA	HOD
Mahesh Murali	MCA	Assistant Professor
Sini Elsa John	MCA	Assistant Professor
Sruthy Chandran	MCA	Assistant Professor
Rinimol Raju	MCA	Assistant Professor

Faculty Student Ratio 1:20

| 18.8 | Profile of Principal | **Name: Dr. Melvin Jose D F**

DoB : 22/06/1977

Unique ID: 1 - 7486265158

Qualification: M.Tech. Ph.D

Work Experience

Principal
1. Mount Zion College of Engineering -Pathanamthitta

   Since 03.02.2025
2. AL- AZHAR College of Engineering & Technology-Thodupuzha

   From 09.03.2019 to 30.01.2025
3. **Vice Principal**

   Sri.Vellappally Natesan College of Engineering- Mavelikara

   From 09.03.2019 to 30.01.2025
4. **Head of the Dept. of Mechanical Engineering** |

Sri.Vellappally Natesan College of Engineering- Mavelikara

From 07.02.2011 to 30.06.2013

5. Teaching & Research

Jawaharlal Nehru Technological University, Aandrapradesh

From 03.07.2008 to 30.06.2011

6. Asst. Professor

CSI Institute of Technology, Nagercoil

From 26.07.2001 to 30.04.2008

7. Lecturer

Sethu Institute of Technology, Madurai

From 01.07.2000 to 24.07.2001

Karunya Institute of Technology, Coimbaore

From 01.12.1999 to 04.05.2000

18.9	**Fee**	Fee for Engineering students is as approved by the Commissioner for Entrance Examinations, Trivandrum.
		Fee for MBA, MCA and M. Tech. are as approved by the Admission Supervisory Committee, Trivandrum.
	Scholarship	Scholarship is offered to meritorious students and for candidates who are financially weak.
18.10	**Admission**	
18.11	**Admission Procedure**	Admission under Merit Category for Engineering stream is as per the Rank List in "Kerala Engineering, Architecture and Medical Entrance Exam (KEAM)" published by Dept. of Higher Education, TVM.
		Admission for MBA under Merit Category is as per the Rank List in KMAT (Kerala Management Aptitude Test) conducted by the Commissioner for Entrance Examinations (CEE), Kerala).
		Admission for MCA under Merit Category is as per the Rank List published by Rank List published by LBS Lal Bahadur Shastri Centre for Science & Technology, Trivandrum, Kerala.
		Admission for M.Tech. under Merit Category is as per the Rank List published by the Director of Technical Education (DTE), Trivandrum, Kerala.
	Last date of request for applications	As per University Calendar schedules.
	Last date for submission of Applications	As per University Calendar schedules.
	Dates for the announcement of final results	As per University Calendar schedules.

	Release of Admission List	As per University Calendar schedules.
	Date for acceptance by the candidates	As per University Calendar schedules.
	Last date for closure of admission	As per University Calendar schedules
	The policy of refund of the fee, in case of withdrawal.	As per University Notifications
18.12	Criteria and weightages for admission	Done by the rank score in KEAM Entrance test.
18.13	List of Applications	List of candidates for each course will be published as per the directions of the Affiliated University and as directed by the Admission Supervisory Committee, Trivandrum
18.14	Results of Admission Under Management seats/vacant seats	As per the directions of the University
18.15	Information of Infrastructure and other resources available	●Number of Classrooms and size of each: 33 (72 m2 each) ● Number of Tutorial Rooms and size of each: 9 (33 m2 each) ● Number of Laboratories and size of each: 18 (75 m2 each) ● Number of Computer Centres with capacity of each: 5 (About 50 Nos. each) ● Central Examination Facility, Number of rooms and capacity of each: 10 (30 each) ● Barrier Free Built Environment for disabled and elderly persons: Provided ● Occupancy Certificate: Yes ● Fire and Safety Certificate: Yes ● Hostel Facilities: Yes ● Number of Library Books: 34,967 ● Number of National Journals: 9 ● Number of International Journals: 10 ● National Digital Library: Available **Laboratory and Workshop** **List of Major Equipment/Facilities in each Laboratory/Workshop** ● **MECHANICAL ENGINEERING** ○ HEAVY DUTY LATHE (fully automatic, detachable bed) ○ ALL GEARED UNIVERSAL MILLING M/C ○ SHAPING M/C ○ ALL GEARED DRILLING M/C (RADIAL)

- ○ GRINDING M/C
- ○ Flow through combined orifice and mouthpiece (closed circuit)
- ○ Variable speed centrifugal pump (closed circuit)
- ○ Pelton wheel turbine test rig (closed circuit)
- ○ Francis wheel turbine test rig (closed circuit)
- ○ Kaplan turbine test rig (closed circuit)
- ○ Dual axis auto collimator
- ○ Laser Interferometer
- ○ Profile Projector
- ○ Tool Maker's Microscope
- ○ Angle Dekkor
- ○ CNC Lathe
- ○ Bomb calorimeter
- ○ 4- cylinder,4 stroke diesel engine test rig
- ○ 4-cylinder, 4-stroke petrol engine test rig
- ○ Single cylinder 4 stroke diesel engine test rig
- ○ Single cylinder 4 stroke petrol engine test rig
- ○ Slow speed single cylinder 4 stroke diesel engine test rig
- ○ Experimental air blower test rig
- ○ Two stage reciprocating air compressor test rig
- ○ Junker's gas calorimeter
- ○ Refrigeration Test Rig.
- ○ Air Conditioner test rig (General Cycle)
- ○ Forced vibration analysis
- **CIVIL ENGINEERING**
- ○ BASICS OF CIVIL ENGINEERING WORKSHOP
- ○ Compression testing machine (2000 KN)
- ○ GT LAB
- ○ Precision weighing
- ○ Soil permeability apparatus
- ○ UCC
- ○ Sieve Shaker
- ○ Direct Shear Apparatus
- ○ CBR Apparatus
- ○ Hot Air Oven
- ○ TRANSPORTATION LAB
- ○ LOS Angeles Abrasion Apparatus
- ○ Ductility Test Apparatus

- ○ Bitumen Penetrometer
- ○ Marshal stability test
- ○ Automatic compactor Bituminous mixes
- ○ SURVEY LAB
- ○ Theodolite
- ○ Total station
- ○ MT-II
- ○ Hot Air Oven
- ○ Flow table for concrete motorized
- ○ Sieve Shaker
- ○ Vibrating table
- ○ Specific gravity/Buoyancy
- ○ Crushing value Apparatus
- ○ Concrete Mixes
- ○ Compaction factors
- ○ MT – I
- ○ Torsion Testing Machine
- ○ Universal Testing Machine (1000 KN)
- ○ Extensometer
- ○ Impact Testing Machine
- ○ Brinell cum Rockwell Hardness Testing Machine
- ○ Longitudinal compressometer
- ○ Spring Testing Machine
- ○ Electronics & Communication
- ○ DSO
- ○ Microwave klystron bench setup
- ○ Microwave gunn setup
- ○ OMAP L-138/6748 LCDK
- ○ Keil PK51-ED10-LC (along with hardware)
- ○ MATLAB

- ● **ELECTRONICS & COMMUNICATION ENGG.**
- ○ ELECTRICAL CIRCUIT AND MEASUREMENT LAB
- ○ Transformer 28049kva
- ○ SYSTEM AND CONTROL LAB
- ○ Synchro transmitter
- ○ Level process controller
- ○ Flow process controller

- ○ Mini compressor
- ○ Two phase ac servo motor
- ○ Dc servo motor
- ○ Temperature process controller
- ○ Data acquisition system
- ○ Plc based data acquisition system
- ○ POWER ELECTRONICS LAB
- ○ Single phase sine PWM inverter
- ○ Single phase fully controlled rectifier
- ○ Speed control of three phase induction motor
- ○ IGBT based three phase PWM inverter
- ○ POWER SYSTEM LAB
- ○ Simscape
- ○ Simscape power system
- ● **PHYSICS LAB**
- ○ Screen based apparatus for diffraction experiments
- ○ Model No. HO-EQ-D-01
- ○ Screen based apparatus for ultrasonic diffraction experiments
- ○ Model No. HO-ED-A-01A
- ○ Apparatus for Optoelectronic Characterization
- ○ Model No. HO-ED-LOE-02
- ● **CHEMISTRY LAB**
- ○ SHIMADZU CORPORATION JAPAN ATY224 FOR INDIA
- ○ Single pan 4-digit electronic balance
- ● COMPUTER SCIENCE
- ○ Hardware Device
- ■ Dell OptiPlex 3020 - Desktop
- ■ Monitor -Dell
- ■ Keyboard -Dell
- ■ Mouse -Dell
- ■ Printer – HP LaserJet P1006
- ■ Extension Cable
- ○ List of software installed on System
- ■ Operating System: windows 8.1 pro
- ■ Ubuntu 14.0.4
- ■ eScan Protection (Antivirus)
- ■ Radmin Server and Viewer
- ■ WinRAR

- Hardware Device
- Acer Version m200-H81-Desktop
- Monitor- Acer
- Keyboard -Dell
- Mouse -Dell
- List of software installed on System
- Operating System: windows 10
- Operating System: windows 8.1 pro
- Ubuntu 14.0.4
- eScan Protection (Antivirus)
- Oracle (Get started with Oracle database 11g Express edition)
- Java
- Radmin Server and Viewer
- **Computing Facilities:**
  - Internet Bandwidth: 250 mb/ps
  - Number and configuration of System: 318 Nos.
  - i3 and i5 processor with 4 GB ram and 500 GB HDD
  - Total number of systems connected by LAN: 120 Nos.
  - Total number of systems connected by WAN: 30 Nos.
  - Major software packages available:
  - Autocad 2016
  - Autodesk Fusion 360
  - Open Office
  - Language Lab Software
  - Python 3.0
- Special purpose facilities available: Yes
- Innovation Cell: Yes
- Social Media Cell: Yes
- Compliance of the National Academic Depository (NAD), applicable to PGCM/PGDM Institutions and University Departments: Yes
- List of Facilities Available:
- Games and Sports Facilities: Yes
- Extra-Curricular Activities: Yes
- Soft Skill Development Facilities: Yes

Governing Board Members		
	NAME	**DESIGNATION**
	K J Abraham	Chairman
	Joseph Abraham	Member
	Samuel Abraham	Member
	Suja Joseph	Member
	K.K. Jose	Director
	Dr. Melvin Jose D F	Principal
	Prof. Dr. P.G. Bhaskaran Nair	Former Principal of NSS College, Palakkad
	Prof. Dr. K.C. Raju	Vice Principal, MZCE for Women
	Prof. Dr. Jose James	Former Registrar, MG University
	Prof. Dr. T.C. Varghese	Former Principal of Christian College, Chengannur
	Mr. Devadevan V	AICTE Member

Academic Advisory Body		
	NAME	**DESIGNATION**
	KJ Abraham	Chairman
	Joseph Abraham	Member
	Samuel Abraham	Member
	Suja Joseph	Member
	K.K. Jose	Director
	Dr. Melvin Jose D F	Principal
	Prof. Dr.P.G. Bhaskaran Nair	Former Principal of NSS College, Palaghat

		Prof. Dr. K.C.Raju	Vice Principal, MZCE for Women
		Prof. Dr. Jose James	Former Registrar, MG University
		Prof. Dr. T.C. Varghese	Director Management Studies, MZCE
		Prof. Dr. MT Simon	Former Principal of Mar Thoma College Kozhencherry

	Student feedback mechanism on Institutional Governance/faculty performance	**STUDENTSGRIEVANCEREDRESSALCELL** The mechanism takes care of the complaints and difficulties of the student community. At the primary level, the Teacher in charge listens to the problem in detail. If it is an academic matter, thefaculty member of the concerned subject is consulted to sort out the case. If the situation demands, the Teacher in charge will also contact the parent/guardian/hostel warden.
	Grievance redressal mechanism for faculty, staff and students	The Teacher In charge refers unresolved cases to the HOD. The two members can avail the services of the Student Welfare Officer if needed. At The appellate level, the Principal and Vice Principal will redress all the unresolved cases in consultation with the College Council and the Director. **Involvement of faculty and students in academic affairs / improvements** Students are given properguidanceinstudies.Agroupof15 Students are under the guidance of a faculty member. Academic and extra curriculum activities are under the guidance of the faculty member. Special classes are conducted in connection with university exams including the discussion of previous exam question paper. Frequent evaluations are done in academic matter. Week students are given special attention. Various departmental associations are there. They conduct seminars, classes. Feed back/ suggestions are taken from faculty and students and the suitable ones are implemented. Faculty members are encouraged to write course dairy. This course diary is audited by HOD and principal every semester. **CO-CURRICULARACTIVITIES** Sectional Associations of the Various departments have been formedwith the intention of creating interest and developing talents in the respective fields. Lectures, Seminars, Symposiums etc. by eminent personalities are being organized from time to time. Steps have been initiated to form Chapters of Professional Bodies such as ISTE, IEEE etc. in the Campus. **EXTRACURRICULARACTIVITIES** Extracurricular activities are being encouraged to the fullest satisfaction of the students with a view to opening avenues for developing their talents in Sports, Games, Literary and Cultural activities.

CAREERGUIDANCE&PLACEMENTCELL

Career Guidance and Placement Cell is functioning in the college from 2003 onwards. The Cell arranges Campus Selection and placement by various firms & institutions. Classes are also arranged for the students to develop their personality, communicative skills and leadership qualities. In addition to the above, students are given guidance on higher studies, competitive exams, and entrepreneurship opportunities.

P.T.A

Parent Teacher Association is functioning actively in the College. The association goes hand in hand with the management in all its developmental enterprises. It contributes a commendable share in maintaining peace and harmony in the campus.

18.10	Name of the Department*	**Electronics & Communication Engineering**		
	Course	B. Tech.		
	Level	UG		
	1stYearofapproval by the Council	2001		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		15	15	15
	Name of the Department*	**Applied Electronics & Instrumentation Engineering**		
	Course	B. Tech.		
	1stYearofapproval By the Council	2001		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		0	30	30
	Name of the Department*	**Computer Science & Engineering**		
	Course	B.Tech		
	1stYearofapproval by the Council	2001		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		60	60	60
	Name of the Department*	**Aeronautical Engineering**		
	Course	B. Tech.		
	1stYearofapproval by the Council	2009		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		60	30	30
	Name of the Department*	**Mechanical Engineering**		
	Course	B. Tec.h		
	1stYearofapproval By the Council	2014		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		30	30	30

	Name of the Department*	**Civil Engineering**		
	Course	B. Tech.		
	1stYearofapproval by the Council	2014		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		30	30	60
	Name of the Department*	**MBA**		
	Course	PG		
	1stYearofapproval by the Council	2014		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		60	60	60
	Year wise Actual Admissions	41	38	41
	Name of the Department*	**MCA**		
	Course	PG		
	1stYearofapproval by the Council	2014		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		60	60	60
	Name of the Department*	**Computer Science & Engineering**		
	Course	M.Tech		
	1stYearofapproval By the Council	2013		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		12	12	12
	Name of the Department*	**Communication Engineering**		
	Course	M. Tech.		
	1stYearofapproval by the Council	2013		
	Year wise Sanctioned Intake	2025–2026	2024–2025	2023-2024
		12	12	12
	Cut off marks– General quota	**Minimum 45% for Mathematics, Physics, & Chemistry**		