

## DOSSIER EDITORS

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**MANAKULA VINAYAGAR**  
**INSTITUTE OF TECHNOLOGY**

An Autonomous Institution

Affiliated to Pondicherry University, Approved by AICTE, New Delhi,  
Accredited by NBA, New Delhi and NAAC with 'A' Grade  
Kalitheethalkuppam, Puducherry- 605 107.



# IQAC - DOSSIER

AUGUST 2025



### VISION

To institutionalize the quality assurance culture by evolving, enhancing and sustaining excellence in academics/co-curricular/research/extension activities and to catalyze it through regular evaluation.

### MISSION

- Setting quality benchmarks, monitor and accelerate the process of attainment of outcomes
- Developing/enhancing the co-curricular initiatives/activities among students and facilitate its systematic implementation.
- Promoting research culture among the faculty and students.
- Assessing the annual progress through periodic internal and external audits.
- Building association with stake holders and stimulate social responsibility





## VISION

To be a globally reputed Technical Institution creating Competent leaders and Skillful innovators in Science, Technology and Management.



## MISSION

Providing a dynamic and creative learning environment for its students to acquire exemplary technical, analytical, professional skills.

Imbibing a spirit of innovation and research among its students and faculty for solving critical problems.

Promoting Innovation, Employability and entrepreneurship skills through industry academia collaboration.

Serving the society through technical intervention and creating socially responsible Professionals.

## Code of Conduct

The Code of Conduct ensures a respectful, responsible, and inclusive environment by guiding behavior and promoting integrity within the institution



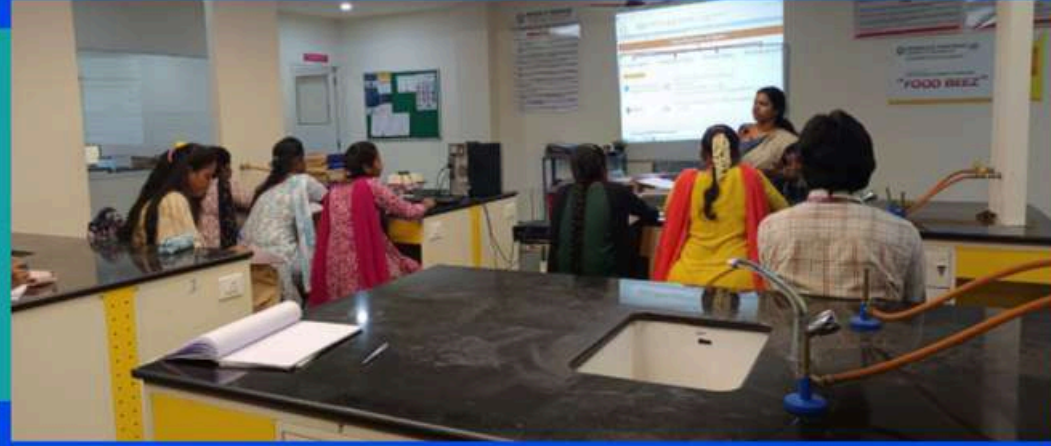
Code of conduct program on Outcome Based Education handled by Dr.S. Arunmozhi, Professor & Head/ECE on 02.08.2025 for the MVIT faculty members



IPR Activity on "Green Patents And Sustainable Food Processing: Protecting the Future" was conducted for the 2<sup>nd</sup> and 3<sup>rd</sup> year FT students on 08.08.2025. Dr.Jayakumar, Patent Consultant was the Resource Person and the event was coordinated by Dr. D.Tirouchelvame, Associate Professor & HoD i/c, Department of Food Technology, MVIT, Puducherry.

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Special Lecture on “Omics Technologies in Food Chemistry: Proteomics and Metabolomics” was delivered by Dr Radhika T, Assistant Professor, Department of Food Technology for II Year Food Technology Students on 20.08.2025



Our Department organized a Seminar on “Building future Entrepreneurs: Awareness and Opportunities” for our Third Year IT Students by Mr. P. Jayakumar., ME., MBA., (PhD) R& D consultant, JS-IP Design Solutions, Madurai on 14.08.2025.

## IQAC - TEAM

The launch of the IQAC Dossier represents a significant advancement in our commitment to academic excellence. Following our recent NAAC accreditation, the IQAC is set to become an integral part of the college's operations, working closely with all departments to foster a cohesive quality culture. The Dossier will play a crucial role in this effort, serving as a monthly channel for disseminating key information about the college and its activities, thereby enhancing transparency and engagement.

### IQAC - CHAIR

DR. S. MALARKKAN  
Principal, MVIT

### IQAC - COORDINATOR

DR. R. VALLI  
Prof./ Dept. of ECE, MVIT

### IQAC - DEPT. COORDINATORS

DR.K.SEDHURAMAN, AP/EEE

DR.R.SOFIA, ASP/ECE

DR.A.MEIAPPANE, PROF/IT

MS. R.INDUMATHI, AP/CSE

MR. A.THIAAGARAJAN, AP/MECH

MS. S.K.SUGUNEDHAM, AP/AI&ML

MR. V.KUMARAGURU, AP/ICB

DR.R.BAGHYA NISHA, AP/FT

MS.J.V.PESHA, AP/RA

MS.M.SUMITHRA, ASP/PHY

MS.R.PRIYA, AP/EEE

DR.R.RAJALAKSHMI, ASP/CIVIL

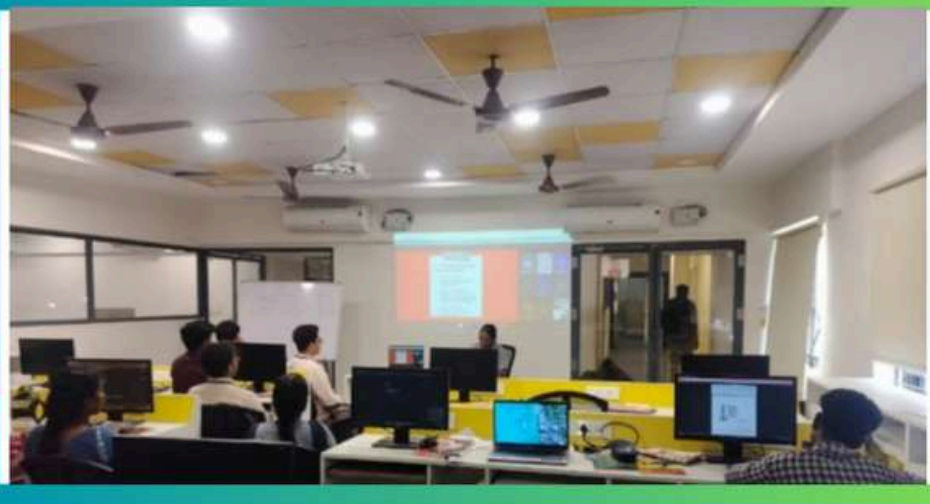
DR. BAIG MANSUR IBRAHIM, ASP/MBA

## RESEARCH METHODOLOGY

Research Methodology enables the application of theoretical concepts to real-world problems, enhancing critical thinking and fostering industry-academia collaboration.



Mrs. S. Ramya, AP/RA Delivered a QIP for II-RA Students Titled “Quality Enhancement of Indoor Lighting Systems Through Real-Time Automatic Dimmer Control” on 23.08.2025.



Mr. A. Sundaraprakash, Lead Software Engineer, QBurst Technologies Pvt Ltd, Chennai, delivered a EDP Session for IV-Year RA Students on “Future of Robotics Startups through User- Centric App Development” on 14.08.2025.

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Special Lecture on “Smart Packaging with Embedded Sensors and QR Traceability” delivered by Er. H. Virfal, Assistant Professor for IV Year Food Technology Students on 04.08.2025



Special Lecture on “Functional Hydration Drinks with Adaptogens and Nootropics” was delivered by Dr Rādhika T, Assistant Professor, Department of Food Technology for II Year Food Technology Students on 06.08.2025

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Special Lecture on “3D Food Printing: Fundamentals and Future Applications” was delivered by Dr. R. Baghya Nisha for IV Year Food Technology Students on 12.08.2025



Special Lecture on “Smart Engineering Solutions for Quality Monitoring in Food Industries” was delivered by Dr Radhika T, Assistant Professor, Department of Food Technology for III Year Food Technology Students on 01.08.2025

## RESEARCH METHODOLOGY

Research Methodology enables the application of theoretical concepts to real-world problems, enhancing critical thinking and fostering industry-academia collaboration.



Research methodology on “Sampling Techniques and data Gathering” has been conducted for IV Year students on 18<sup>th</sup> August 2025 by Mr.R.Sudarsan, Technical Head, HCL Technologies, Chennai.

## Workshop

The orientation session lays the foundation for academic and personal growth, helping students adapt, connect, and prepare for a successful journey ahead



JV.Pesha, AP/RA, Delivered QIP for III-Year RA Students Titled "Quality Driven Embedded Solutions: Hands on Micro controller Applications" on 12.08.2025.



Internal Workshop on AI-Augmented Software Engineering: From Code Generation to Testing was delivered by D.Mohanapriya, AP/CSE & R.Indumathi, AP/CSE for III Year Students.

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Special Lecture on "Virtualization In Devops" on 13<sup>th</sup> August 2025 by Dr.J.Vaishnavi, ASP/CS<sup>th</sup>



Special Lecture on "A2 Milk and Its Functional Role in Human Health" was delivered by Ms. D. Bakyalakshmi, Assistant Professor, Department of Food Technology for IV Year Food Technology Students on 21.08.2025

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Quality Enhancement of DevOps-Driven in Agile Environments on 18<sup>th</sup> August 2025, By Ms.D.Mohanapriya AP/CSE



Seminar on “NEP 2020 and the Revival of Indian Knowledge Systems” on 12<sup>th</sup> August 2025 by Mr.N. Arikaran<sup>th</sup>, AP/CSE

## Workshop

The orientation session lays the foundation for academic and personal growth, helping students adapt, connect, and prepare for a successful journey ahead



Two days Workshop on “Network Simulation and Programming in NS2, Socket Programming and Protocol Analysis by Dr.B.Ezhilavan, VEI Technologies Chennai for the for the III year students from 31<sup>st</sup> July 2025 to 1<sup>st</sup> August 2025.



Internal Workshop on the topic “Wearable Technology and Smart Nutrition” was organized for the 3<sup>rd</sup> Year Food Technology Students on 18.08.2025. The session was coordinated and delivered by Dr. D.Tirouchelvame, Associate Professor & HoDi/c, Department of Food Technology, MVIT, Puducherry.

## Workshop

The orientation session lays the foundation for academic and personal growth, helping students adapt, connect, and prepare for a successful journey ahead



Our Department in association with IEI Puducherry MIT Students Chapter (Information Technology), organized a one-day workshop on “Data Analytics using R Programming” conducted by Mr. M. Mukesh, ME (CSE), Software Developer and Trainer from VEI Technologies Pvt. Ltd., Chennai for IV Year IT students on 14.08.2025.

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Mr. S. Parthasarathi, RA alumnus (2021–2025), guided IV Year RA students on “From Campus to Corporate: Making the Transition Smooth” during the Alumni Interaction on 06.08.2025.



Seminar on “Crack the Interview: Alumni Edition” on 21<sup>st</sup> August 2025, By M. Santhiya Alumni

## Special Lecture

Special Lecture on Career Guidance: Fostering a supportive and inclusive environment while promoting integrity, professionalism, and career direction.



Mrs. JV. Pesha, AP/RA, delivered a Special Lecture Titled "Quality Assessment Using Six Sigma Tools", for IV-Year RA Students on 13.08.2025.



Dr. A. Thenmozhi, Dean Academics of MVIT has delivered a Health and Hygiene on "YOGA: On Engineering with Energy: Yoga for Focus and Fitness" for II&III-RA Students on 23.08.2025.

## Orientation Session

The orientation session lays the foundation for academic and personal growth, helping students adapt, connect, and prepare for a successful journey ahead



Orientation program on Outcome Based Education handled by Dr. S. Arunmozhi, Professor & Head/ECE on 02.08.2025 for the MVIT faculty members



Yoga Session on topic "Inner Balance: A Journey through Yoga" on 13.08.2025 for IV Year CSE (B) students by Mrs. K. ALAMELU AP/ECE & J. RAGHUL (Yoga Student)

## Orientation Session

The orientation session lays the foundation for academic and personal growth, helping students adapt, connect, and prepare for a successful journey ahead



Our Department Organized Orientation program on APP Development using Flutter” by Ms. Niranjani, Acumera Rigel India Pvt Ltd, Bangalore on 29.08.2025.

## Career Guidance

The Career Guidance Program ensures a supportive, responsible, and inclusive environment by providing direction, promoting integrity and professionalism among participants



Our IT Department and Career Guidance Cell (CGC) of our college has organized an “Awareness Program on GATE and its Career Prospects” for III Year A & B Students on 29.08.2025. The session was delivered by Dr. A. Meiappane, Professor/IT, MVIT.



Our Department Organized Alumni talk on “Current Job Market Vs Aspirants” has been presented by Mr.M.Prakashraj, Associate Engineer, Virtusa Chennai, On 14.08.2024 for our IT students.

## Career Guidance

The Career Guidance Program ensures a supportive, responsible, and inclusive environment by providing direction, promoting integrity and professionalism among participants



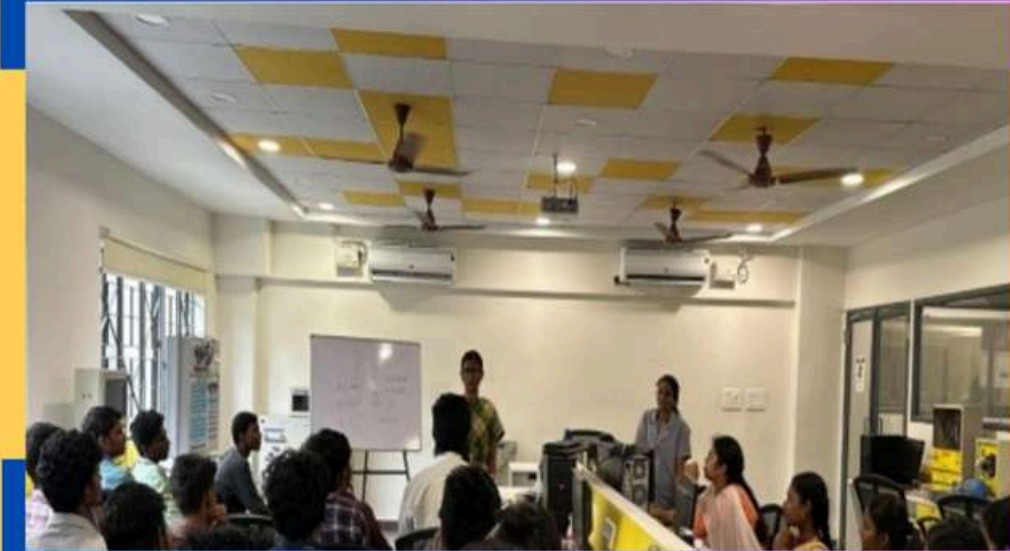
Mr. J. Golvainbec Jotham, RA alumnus (2021–2025), guided II Year and III Year RA students on “Career Pathways and Growth Opportunities for Drone Pilots in the Indian Navy” during the Alumni Interaction and Mentorship Session on 11.08.2025.



Seminar on “Core Engineering Career Paths: What to Know, on 22<sup>nd</sup> August 2025, by M.Krishna santhoshi Alumni

## Awareness Program

The Awareness Program ensures a respectful, responsible, and inclusive environment by spreading knowledge, guiding behavior, and promoting integrity within the community.



Dr. A.Thenmozhi, Dean Academics of MVIT has delivered a Health and Hygiene on “YOGA: On Engineering with Energy: Yoga for Focus and Fitness” for II&III-RA Students on 23.08.2025.

## Guest lecture

A Guest Lecture enriches students' learning by offering expert insights, real-world perspectives, and exposure to current industry trends



Our department conducted Quality Improvement Program on “Quality and Reliability in Next-Gen Embedded IoT Architectures” by the guest speaker Dr.S.Sivasakthiselvan, Assistant Professor, Department of Computing Technologies, SRMIST, Chennai for our II year ECE students on 23rd August 2025.



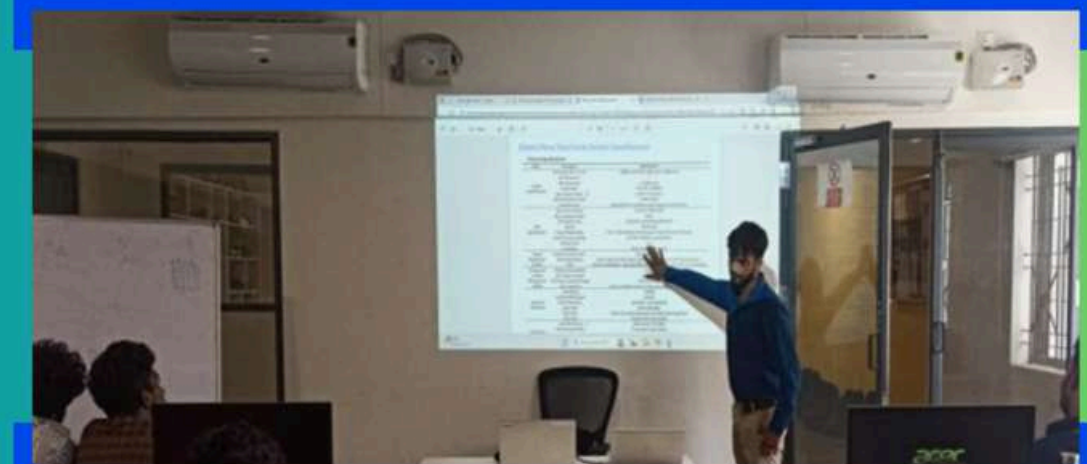
Mr. S. Santhosh, Proprietor, A.TECH Systems, Puducherry delivered Seminar “Entrepreneurship in Energy Storage Systems: Opportunities and Challenges” for II Year EEE students on 20.08.2025.

## Career Guidance

The Career Guidance Program ensures a supportive, responsible, and inclusive environment by providing direction, promoting integrity and professionalism among participants



Prakash V, Founder of Code Builders, delivered a session to IIIrd year ECE students, sharing insights on programming education, career planning, and skill development dated on 22.08.2025



Mr. S. Hariharan, RA alumnus (2021–2025), guided II Year RA students on “Crafting Career Paths and Resume Excellence” during the Alumni Interaction and Mentorship Session on 30.08.2025.

## Value Added Course

This helps maintain a positive and inclusive learning environment throughout the Value Added Course



Ms. K. Revathy Presented Value Added Course on the topic of “Data science using R” for the second Year Students –AIML Department From 6.08.2025 to 11.08.2025



Value Added Course (VAC) on “Gut Microbiome and Food Design” delivered by Dr. T. Radhika, Assistant Professor, Department of Food Technology – for II Year Food Technology Students from 28.07.2025 to 01.08.2025, coordinated by Ms. L. Meenatchi, Assistant Professor, Department of Food Technology

## Guest lecture

A Guest Lecture enriches students’ learning by offering expert insights, real-world perspectives, and exposure to current industry trends



Guest Lecture for Mechanical engineering students on the topic “Building a Nation, Building a Career: The Impact and Opportunities in HVAC&R” RESOURCE PERSON: Mr. Maniventhan.M, Director Operations , Thermoflux systems Pvt Ltd, Chennai &Secretary, ISHRAE Chennai Chapter on 14.08.2025.



Mrs. J.V. Peshu, AP/RA, delivered a IKS Quality improvement program titled “Sustainable Technologies in Ancient India: Lessons for Modern Engineers” for III-Year RA Students on 05.08.2025.

## Industrial Visit

The industrial visit provides practical exposure to real-world industry practices and work environments.



II-Year Robotics and Automation students visited “eCORE Electrical & Automation Technologies” on 22.08.2025 for an industrial exposure tour, gaining practical insights into electrical and automation systems.



Department of Food Technology organized an Industrial Visit to AAVIN Co-operative Milk Producers Union, Villupuram for Food Technology Students coordinated by Er. H. Vimal, Assistant Professor, Department of Food Technology on 29.08.2025

## Industrial Visit

The industrial visit provides practical exposure to real-world industry practices and work environments.



An industrial visit was organized to Techvolt Software Pvt. Ltd., Coimbatore for III year CSE (ICB) on 23rd August 2025.



Department of Mechanical Engineering is organizing an Industrial Visit for 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year students to Villupuram District Co-Operative Milk Producers Union Ltd, Villupuram, on 21.08.2025

## Guest lecture

A Guest Lecture enriches students' learning by offering expert insights, real-world perspectives, and exposure to current industry trends



Blockchain-Driven Quality Improvement in Digital Identity Management on 18<sup>th</sup> August 2025, By Mr. Srivarapradhan Technical Head TCS, Chennai



Guest lecture Session on “Biomimicry in Food Packaging Design” delivered by Ms. K. Sowmiya, Research Scholar, Anna University for Food Technology Students, coordinated by Er. H. Vimal, Assistant Professor, Department of Food Technology on 22.08.2025

## Guest lecture

A Guest Lecture enriches students' learning by offering expert insights, real-world perspectives, and exposure to current industry trends



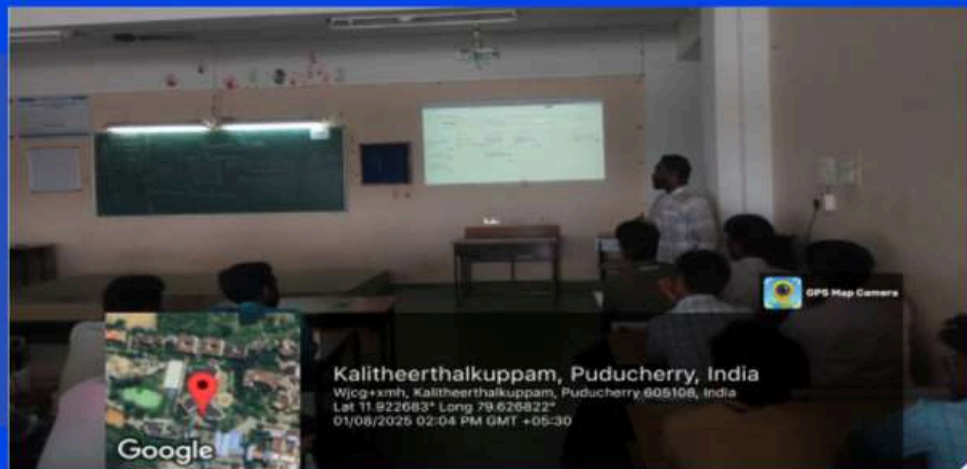
Our Department organized a Guest lecture on “IPR Awareness” for our Second Year IT Students by Dr.P.Jayakumar, JS-IP Design Solutions, Madurai on on 14.08.20

## Guest lecture

A Guest Lecture enriches students' learning by offering expert insights, real-world perspectives, and exposure to current industry trends



Guest lecture on Cracking the Competitive Edge- Gate 2026, on 25<sup>th</sup> August 2025, By Mr.V.Ganapathy District Student Coordinator Chengalpattu



Our Department Organized Guest Lecture on Quality Assurance with Automation and CI/CD Pipelines has been presented by Mr.Harishankar, System Engineer, TCS, Chennai on 01.08.2024 for our IT students.

## Guest lecture

A Guest Lecture enriches students' learning by offering expert insights, real-world perspectives, and exposure to current industry trends



A Guest Lecture Session on "Space Food Technology" was conducted on 14.08.2025 for B.Tech. Food Technology students and coordinated by Ms. D. Bakyalakshmi, Assistant Professor, Department of Food Technology.



Our Department organized a guest lecture on "Research Methodologies in Artificial Intelligence and Machine Learning" conducted by Dr. J. Uthayakumar, Ph.D., Founder & CEO of Genesys Academy of Computer Science, Puducherry for III Year IT students on 21.08.2025.