



**DMI COLLEGE OF ENGINEERING  
PALANCHUR, CHENNAI**

**DMI IT SPARK  
MAGAZINE  
(AUG 2022- JUNE 2023)**





### VISION OF THE DEPARTMENT

To achieve academic excellence by producing globally competent IT professionals with ethical values.

### MISSION OF THE DEPARTMENT

**IM 1 :** To provide quality education by imparting strong foundation to adapt the challenging technologies.

**IM 2 :** To promote knowledge through continuous learning and technical skills in the field of Information Technology.

**IM 3 :** To create professionals with entrepreneurship skills and ethical values for the society.

**CHAIRMANMESSAGE**  
**PRINCIPALMESSAGE**  
**CORRESPONDENT MESSAGE**  
**ADMINISTRATOR MESSAGE**  
**HOD MESSAGE**  
**DEPARTMENT ACTIVITIES**

## **CHAIRMAN MESSAGE**



### **WISHES FROM THE FOUNDER**

**DEAR FRIENDS, DMI AND MMI ARE CONGREGATIONS OF CATHOLIC RELIGIOUS SISTERS AND PRIESTS KNOWN**

**FOR**

**THEIR SERVICE TO HUMANITY IN MANY PARTS OF THE WORLD.**

**SELF RESPECT THROUGH SELF SUSTENANCE, SELF SUSTENANCE THROUGH CAPACITY BUILDING,**

**CAPACITY BUILDING THROUGH KNOWLEDGE BASED TECHNICAL SKILLS, KNOWLEDGE BASED TECHNICAL SKILL TOWARDS RESPECTABLE EMPLOYMENT, AND RESPECTABLE EMPLOYMENT TOWARDS THE REALIZATION OF ONE'S ABILITY TO MARKET ONE'S OWN IDEAS, SKILLS AND PRODUCTS IS OUR VISION FOR THOSE WHOM WE SERVE.**

**TO GROOM WELL DISCIPLINED, HUMANLY MOTIVATED, INTELLECTUALLY ENLIGHTENED,**

**TECHNICALLY ORIENTED CITIZENS WITH STAMINA BUILT IN TO FACE THE CHANGING WORLD AND A COMMITTED AND STRONG SPIRITUAL BASE IS OUR GOAL.**

**ALL OUR EDUCATIONAL AND DEVELOPMENTAL SERVICES ARE ORIENTED TOWARDS THIS GOAL**

**WHICH IS TO BE ACHIEVED THROUGH THE COLLECTIVE EFFORT OF CONSECRATED RELIGIOUS, COMMITTED COLLABORATORS, DEDICATED STAFF, RECEPTIVE STUDENTS AND ALL OTHERS CONCERNED.**

**WE PRAY AND HOPE THAT EVERY PERSON WHO PASSES THROUGH OUR HANDS IS NOURISHED**

**AND ENRICHED IN EVERY WAY, NOT ONLY TO FACE THE FUTURE BUT ALSO TO SHAPE HIS OR HER OWN FUTURE AND THAT OF OUR COUNTRY AND THE UNIVERSE.**

**MAY GOD BLESS YOU!**

**REV. FR. DR. J. E. ARUL RAJ  
FOUNDER AND CHAIRMAN**

## *PRINCIPAL MESSAGE*



Dear Readers,

The success story of any Institution or any individual is a gradual growth of every single step that is kept that makes a giant leap of achievement....

To watch the graph, ascend really makes me privileged...

‘Catch them young’ is a popular phrase that emphasizes that right education should be given at the right time to make a living...

Education is an investment that would give returns in proportion to the value added.... DMI believes in value based education of high standard in order to ensure that every product of DMI is well organized by the industry. We not only groom our students to become excellent engineers but also equip with interpersonal skills to work in corporate and companies...

The responsibility that is taken by the Staff members to every individual student is fruitful. They are the second parents who care and share for the wellbeing of the student community...

A spark makes a flame...

A flame lights a candle...

A candle enlightens many ...

A flame flames into a blaze ..

A blaze ends a forest fire...

DMI kindles the sparks of knowledge and spreads its name and fame for years to come...

Dr.N.AZHAGESAN, M.Tech, Ph.D,  
Principal,  
DMI College of Engineering.

## *CORRESPONDENT MESSAGE*

Greetings!

DMICE is a warm and welcoming learning community, committed to creating the best possible educational experience for every Student. We aim to enable all students to reach their full potential.

We have a talented, dedicated, caring team of staff, each of whom works very hard to ensure that the abilities of the Students in our care are nurtured and carefully developed. Our Faculty and teaching assistants are experienced, and work as a team to make the College a very special place, every day, for your child.

At DMICE we aim to provide a broad, well balanced and relevant curriculum. We encourage positive social behavior, emphasizing respect for others. We believe that every Student has the right to work in a calm, orderly, safe and secure environment. We value every student and have the highest possible expectations in the areas of achievement and behavior. DMICE provides a stimulating and enriched environment so that the students can enjoy all aspects of their learning. We value regular contact with parents/ guardians, and regard the home- school partnership as an essential part of the education process. We are always looking for new ways to involve parents in the life of the school and to keep them informed of the things we are doing.

Wishing you all the very best .....

Rev.Sr.K. Teresa  
Coresspondent,  
DMICE.

## *ADMINISTRATOR MESSAGE*



Blessings to All,

**“NOW A DAYS HUMAN LEARNING PROCESS HAS BEEN PASSING THROUGH TREMENDOUS CHANGES. CHANGES CAN BE SEEN AS EVOLUTIONARY AND DYNAMIC WITH AN EMPHASIS ON CONTINUOUS LEARNING AND ADAPTATION”.**

DMICE has a good reputation in the field of education around CHENNAI and nearby places. This center of learning concentrates on overall development of the students and to connect them to the rest of the world. Our aim is to help the students to develop their potential academically, socially, emotionally, physically, morally, spiritually and aesthetically.

We create a challenging learning environment that encourages high expectations for success. Our college promotes a safe, clean, calm, orderly, caring and supportive environment free from all distractions of the city. We are providing all academic excellence with very good laboratory and library.

Students are encouraged to meet all the challenges with openness, enthusiasm and capacity to force and solve problems. The staff of the college is well qualified, experienced and committed. We welcome all students who are looking forward for their bright future.

Rev.Sr. P. Pradeepa  
Administrator  
DMICE

## *HOD MESSAGE*



### **Welcome to the Department of Information Technology!**

Information Technology has become the backbone of almost every industry in today's digital era. From healthcare, education, finance, and business to entertainment, communication, and governance—IT professionals play a vital role in driving innovation, efficiency, and connectivity across the globe.

The field of IT covers diverse areas such as software development, data science, artificial intelligence, cybersecurity, cloud computing, networking, and web technologies. IT engineers are not only problem-solvers but also solution-creators, developing intelligent systems and applications that transform the way we live and work.

In today's interconnected world, the role of an IT professional goes far beyond coding or system development. It involves addressing complex interdisciplinary challenges, designing secure digital solutions, enabling automation, and contributing to cutting-edge research and innovation. IT engineers are also required to collaborate and lead global teams to deliver impactful solutions.

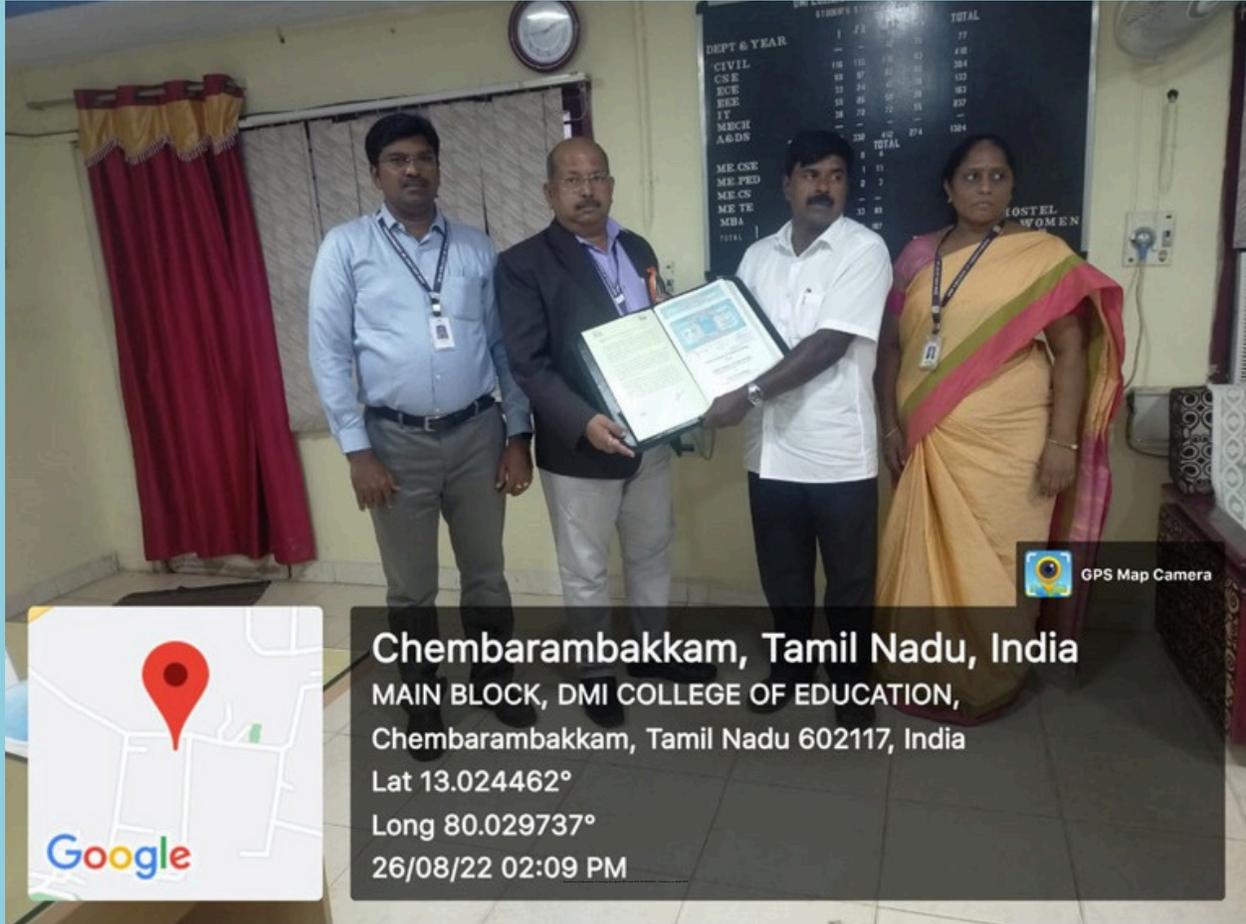
At DMI College of Engineering, the Department of Information Technology is committed to nurturing students with the technical expertise, problem-solving mindset, and professional skills required to excel in this ever-evolving domain. We strive to equip our students not only with academic knowledge but also with practical exposure and innovative thinking to meet industry and societal needs.

**Dr.B.MUTHUKUMARAN**  
Head Of the Department,  
IT Engineering

# MOU's



Department of Information Technology has signed MOU with FUTURO FOCUS , Chennai on 6.04.2022.



Department of Information Technology  
has signed MOU with NEW TECHNOLOGY,  
Coimbatore on 26-08-2022

# FACULTY DEVELOPMENT PROGRAM

Department of Information Technology organized FACULTY

DEVELOPMENT PROGRAM ON EMPOWER on 02.03.2022 by P L Joseph Raj Public speaker, Teacher cum Trainer. Research scholar SRM Institute of Science and Technology. Katagalatur.



Department of Information Technology organized TWO DAYS FACULTY DEVELOPMENT PROGRAM ON OUTCOME-BASED EDUCATION AND ACCREDITATION on 28.02.2022 & 01.03.2022

RESOURCE PERSON: Dr.G.NAGAPPAN  
PROFESSOR & HOD CSE  
SAVEETHA ENGINEERING COLLEGE  
CHENNAI

RESOURCE PERSON: Dr.DENSLIN  
BRABIN  
PROFESSOR & HOD CSE  
DMI COLLEGE OF ENGINEERING  
CHENNAI.



# WEBINAR

Department Of Information Technology organizes webinar program on “EDUCATION AND CAREER OPPORTUNITIES IN ABROAD on 19.3.2022”. The aim of the session is to empower their career growth.

The screenshot displays a Zoom webinar interface. The main content area shows a slide titled "WHY OVERSEAS EDUCATION" with the AZENT logo. The slide features a central diagram with six icons in red boxes, each connected to a text label: "Competitive Edge", "Global Career Opportunities", "Acquiring New Skills", "Quality of Education", "International Exposure", and "Permanent Residency". The Zoom interface includes a "Recording" indicator, a "Participants (38)" list on the right, and a "Your answer" input field at the bottom. The participant list includes names like KP KOWSALYA P, KK Kunal K, M Mamallan, MS MEENAKSHI SUNDARAM.P, MA Mohammed Ashik.S, M MR.SABARINATH.S, NA Naveen Akshid, NK Naveen kumar, NF Nushrath Fathima, RS R Sonuprasanth, RL R.N.Lhavanya Devi, and RN Redmi Note 8 Pro.

# Department Of Information Technology organizes webinar program on “WRITING WITHOUT PLAGIARISM- RESEARCH AND PROJECT REPORT” on 19.3.2022”.



# GUEST LECTURE

AGuest Lecture on HADOOP AND MAP REDUCE PROGRAMMING MODEL on 08/04/2022 by RESOURCE PERSON: Mr. ADARSHR JAYAN M.E SOFTWARE DEVELOPER ENGINEER, BACKEND SERVICES, ZEE5, MUMBAI.

The screenshot shows a Google Meet window with a presentation slide titled "Googles Solution ( Map Reduce )". The slide contains a diagram illustrating the MapReduce process. On the left, a green box labeled "KBB, CBA, XAC" represents the input. This input is split into three blue boxes: "KBB", "CBA", and "XAC". Each of these boxes is connected to a corresponding blue box in the middle: "K-1, B-1, R-1" for KBB, "C-1, B-1, A-1" for CBA, and "X-1, A-1, X-1" for XAC. These middle boxes are then connected to a set of orange boxes on the right, representing the map output: "A-1, A-1", "B-1, B-1, B-1", "C-1, C-1", "X-1, X-1". Finally, all these orange boxes are connected to a single green box on the far right labeled "A-2, B-2, X-2", representing the final reduce output. The Meet interface includes a participant list on the right with names like Adarsh R. Jayan, S013-Divya V, and S019-Kanagarath K, and a bottom control bar with icons for mute, video, chat, and other meeting functions.

The screenshot shows a Google Meet video feed of a man with a beard and glasses, identified as "Mankant Goutam". He is speaking into a microphone. The background shows an indoor setting with a large potted plant and a window. Below the video feed is a participant list with names like S002\_Adin jbls..., S013-Divya V, Aashira Muralidh..., Rakesh ROCKY, Venmathi R, Samuel Dharani, and S024 JayarLS. The bottom control bar shows the time as 11:10 and various meeting controls.

Our department organized a guest  
Lecture on ETHICS IN ENGINEERING  
on 21.03.2022 by Ms.Christina  
Preiyanayagi , coder, Trainer  
Whitehatjr.

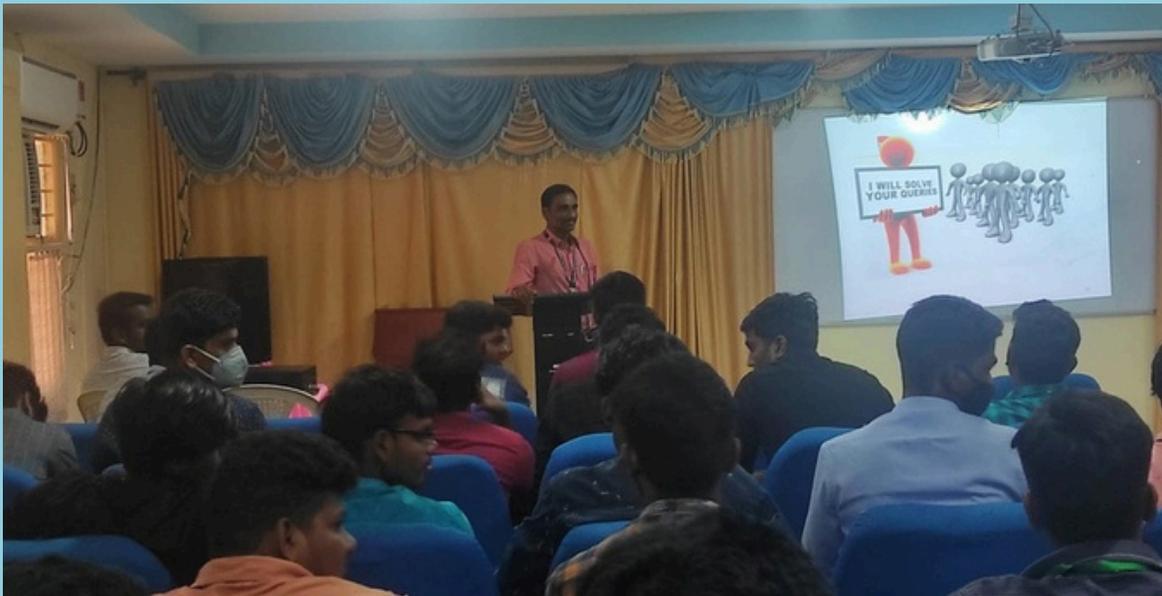


Department of Information Technology  
organized a guest lecture on  
"Microprocessors (8086) and Interfacing  
microcontrollers (8051)" by Professor  
K.Kirubasankar, Associate Professor/ECE  
.Chennai Institute of Technology on 04-  
November-2022.



# SEMINAR

A seminar on SCIENTIFIC WRITING SKILLS on  
09/03/2022 by Dr.A.Amala Mithin  
M.E.,M.B.A.,Ph.D. Associate Professor, Asst  
.Hod , Mechanical Engineering, DMI College  
Of Engineering, Chennai.



A seminar on a topic RECENT TRENDS ON DIGITAL MARKETING on 24.03.2022 presented by Mr.N.Sasi kumar HCL Technologies. Software Developer.



A seminar on “BUSINESS  
ANALYST “ AS A PROFESSION on  
25.03.2022 by Mr.J.ARUN KUMAR  
Consultant Blue Brain  
Strategy,Chennai,



A seminar on a topic FULL STACK  
DEVELOPMENT on 28/05/202  
presented by  
Mr.Vasudevan,Mr.Yuvarajsai,Mr.Ranjith  
Kumar

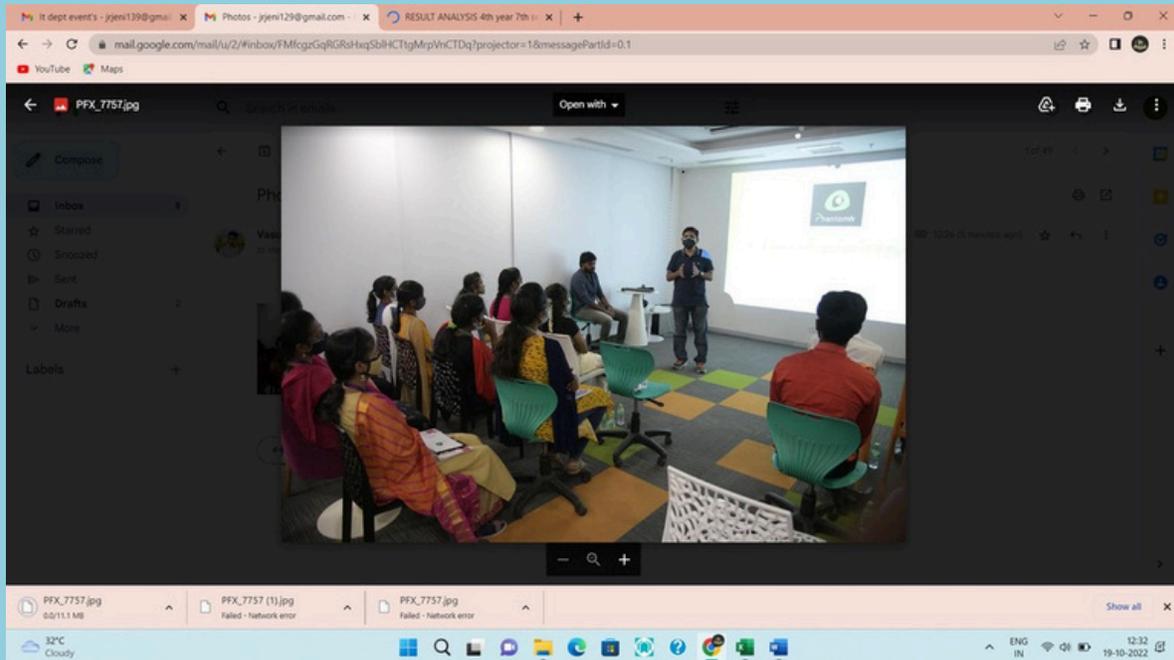


A seminar on a topic A seminar on a topic  
APPLICATION OF ARTIFICIAL  
INTELLIGENCE  
on 23/07/202 presented by Mr.  
Dilliganesh, M.TECH (Alumini 2015 batch )  
Senior Data Scientist, Gembrill  
technologiesChennai.



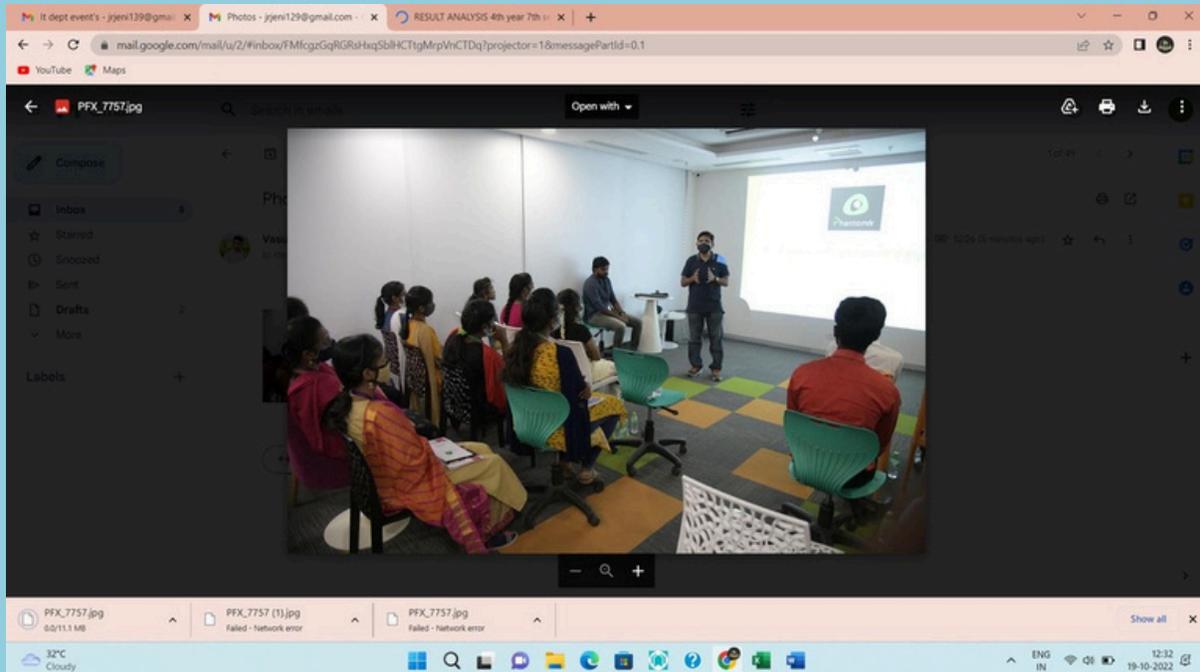
# INDUSTRIAL VISIT

Department Of Information Technology organizes industrial visit on An insight to phantom VFX pipeline. The Seminar was attended by third and final year students and faculty members of IT on 18/03/2022.



# HANDS-ON TRAINING

Department of Information Technology in association with New Technology, Coimbatore, organized three days Hands-on Training Program on “Smart Phone Servicing and Troubleshooting” on 24th to 26th August 2022.





# STUDENTS ACHIEVEMENT

Our students MsDhivya, Ms Venmathi (III Year) has won First Prize, Mr. Kunal, Mr. Abdullah, Mr.Kishore (III Year) has won Second prize, and Mr. Mamallan, Mr Mohammed Ashik, Mr.Alvin has won Third prize in Paper Presentation in the National Level Symposium conducted at St.Joseph College of Engineering, Chennai.





B.Gayathri and R.S Benya IT department III year won prize in paper Presentation Event at King's Engineering college.





**CHIEF EDITOR**

***Dr. MUTHUKUMAR. B***  
***(HOD - IT DEPT.)***

**STAFF EDITORS**

***Mr. JENIFER. J / Asst.Prof.***

***Mrs. JEBA KINGSLEY. D / Asst.Prof.***

**STUDENT EDITORS**

***Ms. THABEETHAL ASNATH I***

***Mr. THARUN S***

***Mr. VIJAY P***