

MECHON'22

DEPARTMENT OF MECHANICAL
ENGINEERING

2021-2022

WORLD STOPS IF WE STOP MOVING



Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution



FROM THE DESK OF THE PRINCIPAL

DR. V. RAJAMANI

I AM VERY PROUD AND DELIGHTED TO RELEASE THE 9TH EDITION OF THE MECHON-2021-2022, THE NEWSLETTER OF THE DEPARTMENT OF MECHANICAL ENGINEERING, WHICH EMBRACES THE ACHIEVEMENTS OF THE FACULTY MEMBERS AND THE STUDENTS. I AM VERY HAPPY TO MEET YOU THROUGH THIS PAGE. VEL TECH MULTI TECH HAS STOOD ABOVE THE REST IN ITS APPROACH TO EDUCATION AND IN ITS PEDAGOGIES. THE WAYS WE TEACH AND THE WAYS OUR STUDENTS LEARN ARE UNIQUE AND CREATIVE. EDUCATION IS NOT AN ACT OF ACQUIRING KNOWLEDGE BUT LEARNING A SKILL TO LEAD LIFE AND FORMING ONE'S PERSONALITY. MANY CONSTRUCTIVE EFFORTS HAVE BEEN TAKEN TO IMPROVE OUR COLLEGE RESULTS. AS CAMPUS PLACEMENTS ARE PROGRESSING, EFFORTS TO GROOM THE STUDENTS TO SERVE THE SOCIETY ARE ALSO IN PACE. I CAN BOLDLY SAY THAT THE DEPARTMENT OF MECHANICAL ENGINEERING HAS EXCELLED IN EVERY INITIATIVE THAT HAS BEEN UNDERTAKEN AND HAVE STOOD TOGETHER IN FACING THE CHALLENGES IN REALIZING QUALITY EDUCATION. I WISH TO RECORD MY HEARTY CONGRATULATIONS TO THOSE WHO HAVE BROUGHT LAURELS TO THE INSTITUTION AND I APPRECIATE ALL OF YOU FOR WORKING TOGETHER AS A TEAM FOR THE SUCCESS OF THIS MAGAZINE.

FROM THE DESK OF THE HEAD OF THE DEPARTMENT

HERE COMES THE 2021-2022 EDITION! OUR STUDENTS HAVE DEMONSTRATED THEIR CAPABILITIES AND BRILLIANCE BY SECURING INTERNSHIP IN HIGHLY REPUTED INTERNATIONAL ORGANIZATIONS. OUR FACULTY MEMBERS AND STUDENTS REGULARLY PRESENT THEIR RESEARCH FINDINGS IN VARIOUS ACADEMIC CONFERENCES. WE ARE VERY PROUD TO TELL YOU THAT WE HAVE SIGNED MOU'S WITH LEADING INDUSTRIAL ORGANIZATIONS. THIS NEWSLETTER HIGHLIGHTS THE ACADEMIC ACHIEVEMENTS OF THE DEPARTMENT OF MECHANICAL ENGINEERING DURING THE PERIOD, 2021-2022 IN AN ORGANIZATION ANY INITIATIVE NEEDS TO BE CELEBRATED AND TREASURED. AS WE EMBARK ON THE TASK OF TRANSFORMING THE INSTITUTION INTO ONE OF THE PREMIER INSTITUTES GLOBALLY, WE HAVE INTRODUCED INNOVATIVE PROGRAMMES; SIGNED MOU'S AND CREATED PARTNERSHIPS WITH VARIOUS INDUSTRIES AND ACADEMIA IN ORDER TO MEET THE GROWING DEMANDS OF EXISTING AND PROSPECTIVE STUDENTS THERE SHALL BE MANY OTHER PUBLICATIONS DOWN THE LINE, THIS ONE SHALL ALWAYS REMAIN SPECIAL FOR THE DEPARTMENT, THE INSTITUTION, THE FACULTY MEMBERS AND STUDENTS. THE DEPARTMENT OF MECHANICAL ENGINEERING IN ITS SHORT EXISTENCE OF 12 YEARS HAS MADE RAPID STRIDES TOWARDS EVOLVING INTO A CENTRE OF EXCELLENCE IN ALL FIELDS OF ACADEMICS. THE CONTENTS OF THIS NEWSLETTER BEAR AMPLE TESTIMONY TO THIS FACT. WE HOPE TO CONTINUE TO BRING OUT SUCH QUALITY PUBLICATIONS SHOWCASING OUR ACHIEVEMENTS FROM TIME TO TIME.

ABOUT THE DEPARTMENT

THE DEPARTMENT OF MECHANICAL ENGINEERING IS AN ENERGETIC AND EMERGING DEPARTMENT STARTED IN THE INSTITUTION DURING THE YEAR 2006. IT WAS STARTED WITH THE INITIAL SANCTIONED STRENGTH OF 60 INTAKE OF STUDENTS AND INCREASED TO 120. THE DEPARTMENT HAS BEEN ACCREDITED BY NBA FOR 3 YEARS AND AN NA UNIVERSITY HAS RECOGNIZED WITH PERMANENT AFFILIATION. THE DEPARTMENT HAS WELL FURNISHED LABORATORIES, HIGHLY QUALIFIED FACULTY MEMBERS WITH PASSION FOR BOTH IN TEACHING AND RESEARCH AND SUPPORTS THEM TO TAKE UP POSITIONS OF RESPONSIBILITY IN THE SOCIETY AND MAKE SIGNIFICANT CONTRIBUTION. THE DEPARTMENT HAS FETCHED A GOLD MEDAL IN AICTE -CII SURVEY. INNOVATIVE PROJECTS OF THE STUDENTS SUCH AS VERSATILE BICYCLE, CRANKLESS ENGINE, WHEEL CHAIR HAVE WON AWARDS AND ACCOLADES IN FORUMS SUCH AS ICTACT, SAE ETC. WITH AROUND THE YEAR ACTIVITIES. THROUGH THE PROFESSIONAL BODY SOCIETY OF AUTOMOTIVE ENGINEERS (INDIA)", OUR STUDENTS CONTINUOUSLY ENRICH KNOWLEDGE BASE IN 'MOBILITY ENGINEERING' AND ARE CONTRIBUTING TO THE 'SERVICE AND HUMANITY'. THE DEPARTMENT IS MARCHING AHEAD TOWARDS THE NEEDS OF THE INDUSTRY TO COMPLETE WITH THE GROWING TECHNOLOGY FOR NATION DEVELOPMENT. THE INNOVATIVE TEACHING AND RESEARCH ACTIVITIES ARE BROUGHT INTO LIMELIGHT WITH THE SUPPORT OF OUR FACULTY MEMBERS WHO ARE WELL QUALIFIED AND EXPERIENCED IN THEIR FIELDS OF STUDY. THE DEPARTMENT IS WELL STRUCTURED AND BUILT UP WITH MORE SPACIOUS AND VENTILATED CLASS ROOMS.

VISION OF THE DEPARTMENT

TO BECOME A CENTRE OF EMINENCE IN EDUCATING STUDENTS TO BECOME TRIUMPHANT MECHANICAL ENGINEERS.

MISSION OF THE DEPARTMENT

- TO ENDUE THE STUDENTS WITH THE FUNDAMENTALS OF MECHANICAL ENGINEERING WITH PASSION FOR LIFELONG LEARNING OF INDUSTRY PRACTICES.
- TO PROPAGATE LIFELONG LEARNING.
- TO IMPART THE RIGHT PROPORTION OF KNOWLEDGE BLENDED WITH ATTITUDES AND ETHICS IN STUDENTS TO ENABLE THEM TAKE UP POSITIONS OF RESPONSIBILITY IN THE SOCIETY AND MAKE SIGNIFICANT CONTRIBUTIONS.

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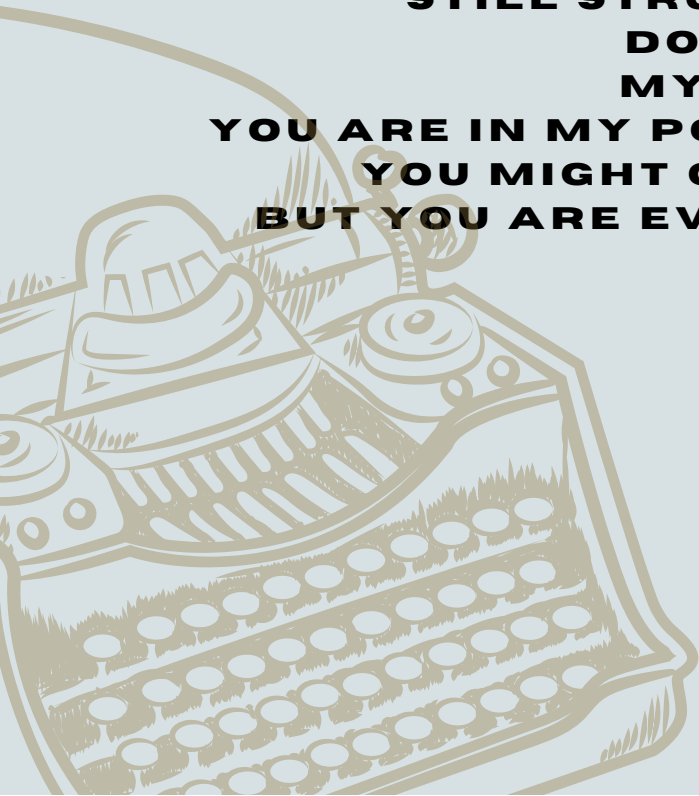


ASWIN.G
STUDENT EDITOR



POEM ON LIFE

**FOR ALL THAT THE WORLD HAVE DONE,
TO THE CHARMING COLOR PINK.
THEY BLOCKED OFF HER WAY,
THEY CHASED HER THAT DAY,
THEY STORMED ALL HER LIFE,
HER BLURRED EYES DID SAY.
AN UNARMED WOMAN,
WITH SELF-ARRESTED COURAGE,
THEY PULLED DOWN HER CONFIDENCE,
WITH THEIR HARSH AND SHARP IMAGE.
THEY FOUND HER SO HELPLESS,
THEY MADE HER TO CRY.
THEY TURNED HER LIFE TO HELL,
AND FORCED HER TO DIE.
BUT LET ME SAY A WORD,
A WORD FULL OF HOPE.
SHE MADE HER WAY OUT,
AND LEARNED HOW TO COPE.
A WOMEN, A MOTHER, A WIFE,
WITH PATIENCE SHE STRIVES.
CARING, BEARING AND WORKING,
STILL STRUGGLING WITH LIFE.
DON'T WORRY,
MY SWEETEST,
YOU ARE IN MY POETRY AND IN MY WORDS.
YOU MIGHT GROW OLD IN YEARS,
BUT YOU ARE EVER YOUNG IN MY PAGES.**



**SMOHANA PRIYA
III YEAR**

ARTICLE ON POLLUTION

WE LIVE IN A WORLD WHERE EVERYTHING IS TRANSPORTED BY THE USE OF VEHICLES, SO IT IS NECESSARY TO HAVE KNOWLEDGE ABOUT VEHICLE POLLUTION. BUT BEFORE THAT LET US TALK ABOUT POLLUTION. POLLUTION IS THE INTRODUCTION OF HARMFUL MATERIALS INTO THE ENVIRONMENT. THESE HARMFUL MATERIALS ARE CALLED POLLUTANTS. SIMILARLY, VEHICLE POLLUTION IS THE INTRODUCTION OF HARMFUL POLLUTANTS INTO THE ENVIRONMENT BY MOTOR VEHICLES.

SOME IMPORTANT WAYS TO AVOID VEHICLE POLLUTION

VYOU SHOULD ALWAYS CHECK WHETHER YOUR CAR IS IN GOOD CONDITION ACCORDING TO THE USUAL NORMS, WHETHER YOUR TIRES ARE INFLATED PROPERLY, AND TUNE IN YOUR CAR CONDITION BEFORE YOU START FOR A TRIP. VCOMBINE UNNECESSARY ERRANDS INTO A SINGLE TRIP SO THAT IT MIGHT SAVE FUEL WASTAGE AND CARS WHEN WELL WARMED UP ARE BELIEVED TO POLLUTE LESS.

VAN IDLE CAR EMITS MORE POLLUTION THAN THE ONE WHICH IS ALWAYS IN RUNNING CONDITION.

VYOU CAN OPT-IN TO WALK OR CYCLE OR BIKE INSTEAD OF DRIVING A CAR WHEN YOU GO FOR A SHORT DISTANCE OR SOMEWHERE VERY NEARBY. PLAN ACCORDINGLY SO THAT YOU MIGHT NOT WASTE FUEL AS WELL.

VYOU CAN ALWAYS USE PUBLIC TRANSIT IN ORDER TO AVOID TRAFFIC TENSIONS AND ENERGY INPUT. THIS WILL REDUCE YOUR DRIVING TENSIONS AND SEARCH FOR A SAFE PLACE TO PARK YOUR VEHICLE.



S.S. HEMANTH KUMAR
III YEAR

TOMORROW WILL BE MINE



*I'M LEARNING FROM
THOSE TINY BLADES OF GRASS
GRACEFULLY SHINING
AGAINST THE RAIN SO HARSH,
THEY TEACH ME
EVEN AFTER EVERY STORM
THERE IS SUNSHINE,
IF I REMAIN GROUNDED,
TOMORROW WILL BE MINE..*

HOPE

*WHAT ARE YOU LOOKING AT...
WHAT ARE YOUR DREAMING OFF..
WHAT ARE YOUR HOPING FOR..
A BIGGER LIFE, A BETTER LIFE,
ALL OF LIFE REMEMBERING.
TRUTH IS YOU CAN STUDY ALL,
YOU WHAT AND LEARN NOTHING.*

*YOU CAN WORK VERY -VERY HARD AND NEVER WAY THE FRUIT OF YOUR LABOR.
YOU CAN TRY AND TRY AND TRY AND NEVER BE A GOOD ENOUGH, ALL YOU CAN
KEEP WATCHING.*

BECAUSE THE NEXT FEW MINUTE WILL SHOW YOU A BRIEF CLIPS

MADHUMITHA V.B
II YEAR



EXAMINATION IS THE GAME OF CRICKET



PREPARATION FOR EXAMINATION - FIELDING

EXAMINATION - BATTING

EXAMINER - UMPIRE

EXAMINATION HALL - STADIUM

QUESTION PAPER - OVER

HARD QUESTION PAPER - FAST BOWLING

CONFUSING QUESTION PAPER - SPIN BOWLING

SUCCESS BY FAIR MEANS - LEG BI

TO BE SENT OUT FROM THE HALL - LBW

CHECKED WHILE HELPING OTHERS - HIT WICKET

PAPER OVER - MATCH OVER

MERIT - 6 RUNS

FIRST DIVISION - 4 RUNS

SECOND DIVISION - 2 RUNS

**THIRD DIVISION - SINGLE RUN SUPPLEMENTARY - SAVED FROM RUN
OUT.**

**DEEPAK RAJ
IV YEAR**





FANTASTIC FACTS

- **AN INDIAN KING TOOK REVENGE ON ROLLS-ROYCE BY USING THEIR CARS TO TRANSPORT CITY'S WASTE.**
- **THE "TRAUB," THE RAREST MOTORCYCLE IN THE WORLD**
- **HITLER DESIGNED THE PROTOTYPE OF BEETLE DESIGN FOR VOLKSWAGEN**
- **FERRARI ENGINES ARE MUSICALLY ENGINEERED**
- **MOST NEW CARS FAKE ENGINE NOISE THROUGH SPEAKERS. THEY ARE QUITE SILENT OTHERWISE.**
- **LAMBORGHINI CARS WERE A RESULT OF A TRACTOR COMPANY OWNER BEING INSULTED BY THE FOUNDER OF FERRARI**
- **THE FIRST LAMBORGHINI DIDN'T EVEN HAVE AN ENGINE WHEN THEY UNVEILED IT.**
- **CRASH TESTS WERE FIRST CARRIED OUT BY AUDI.**
- **THE AVERAGE CAR HAS 30,000 PARTS.**
- **IT IS A CRIMINAL OFFENCE TO DRIVE AROUND IN A DIRTY CAR IN RUSSIA.**
- **THE FIRST CAR BMW PRODUCED ONLY HAD 15 HP AND ONLY EXISTED BECAUSE OF THE TREATY OF VERSAILLES**
- **THE 1ST ROLLS-ROYCE WAS MADE OF 10 HP 220 MILLION TONS OF OLD COMPUTERS AND OTHER TECHNOLOGICAL HARDWARE ARE TRASHED IN THE UNITED STATES EACH YEAR. A DIAMOND WILL NOT DISSOLVE IN ACID. THE ONLY THING THAT CAN DESTROY IT IS INTENSE HEAT.**



**SRIRAM
IV YEAR**

Did You Know ?

- HOLES IN PEN LIDS CAN SAVE YOUR LIFE- THE PEN CAPS HAVE HOLES TO PREVENT SUFFOCATION IF SWALLOWED.
 - THERE ARE SEVERAL NAMES FOR THE CARDBOARD SLEEVE THAT COVERS THE COFFEE CUP. OTHER NAMES FOR THE COFFEE SLEEVE INCLUDE COFFEE CLUTCH, COFFEE COZY, JAVA JACKET, AND PAPER ZARF.
 - BAR CODE SCANNERS READ THE WHITE SPACE BETWEEN THE BLACK LINES RATHER THAN THE BLACK LINES THEMSELVES.
 - SALT WAS ONCE USED AS CURRENCY, WHERE THE ENGLISH TERM "SALARY" COMES FROM.
 - SALT WAS SO VALUABLE TO THE ANCIENT ROMANS THAT IT WAS USED AS CURRENCY. SOLDIERS WERE PAID IN SALT, WHICH WAS ALSO USED FOR TRADING.
 - WEARING HEADPHONES FOR AN HOUR MULTIPLIES THE BACTERIA IN YOUR EAR BY 700.
- COUGH SYRUP IS 5 TIMES MORE EFFECTIVE THAN PINEAPPLE JUICE. IT ALSO PROTECTS AGAINST THE COMMON COLD AND FLU.



JABIR SULTAN
IV YEAR

DOODLE



DILLI BABU
IVYEAR



NAVEEN KUMAR
IVYEAR



MEENA S
IIIYEAR



MANGAPATHI VIKAS
IIIYREAR





SHUKESH M.R
II YEAR



KARTHIKEYANA
III YEAR



TOUNGE TWISTERS

- **A BIG BLACK BUG BIT A BIG BLACK BEAR.**
- **A BOX OF BISCUITS, A BOX OF MIXED BISCUITS, AND A BISCUIT MIXER.**
- **A PROPER COPPER COFFEE POT.**
- **I WISH TO WISH THE WISH YOU WISH TO WISH, BUT IF YOU WISH THE WISH THE WITCH WISHES, I WON'T WISH THE WISH YOU WISH TO WISH.**
- **BLACK BACKGROUND, BROWN BACKGROUND.**
- **SHE SEES CHEESE, SHE SEES CHEESE, SHE SEES THE CHEESE, SHE SEIZED THE CHEESE.**
- **SIXTH SICK SHEIKH'S, SIXTH SHEEP SICK**
- **SIX SLEEK SWANS SWAM SWIFTLY SOUTHWARDS.**
- **SILLY SALLY SWIFTLY SHOOED SEVEN SILLY SHEEP. THE SEVEN SILLY SHEEP SILLY SALLY SHOOED SHILLY-SHALLIED SOUTH.**
- **THESE SHEEP SHOULDN'T SLEEP IN A SHACK; SHEEP SHOULD SLEEP IN A SHED.**
- **THE THIRTY-THREE THIEVES THOUGHT THAT THEY THRILLED THE THRONE THROUGHOUT THURSDAY.**
- **THE SEETHING SEA CEASETH AND THUS THE SEETHING SEA SUFFICETH US.**
- **TIMMY TICKLED TINY TIM'S TOE AND TINY TIM GIGGLED.**
- **UNIQUE NEW YORK, YOU NEED UNIQUE NEW YORK.**



ARUNKUMAR P
II YEAR

NATURE'S POETIC SYMPHONY

BENEATH THE AZURE SKY SO WIDE,
WHERE GENTLE BREEZES SOFTLY GLIDE.
TREES WHISPER SECRETS TO THE AIR,
NATURE'S BEAUTY EVERYWHERE.

MOUNTAINS STAND WITH STOIC GRACE,
SILENT GUARDIANS OF THE SPACE.
RIVERS DANCE WITH RHYTHMIC FLOW,
A LIQUID SYMPHONY TO BESTOW.

FLOWERS BLOOM IN VIBRANT HUES,
MORNING DEW ON PETALS STREWS.
BUTTERFLIES WALTZ IN SUNLIT TRANCE,
A FLEETING, COLORFUL ROMANCE.

SUNSET PAINTS THE SKY AGLOW,
A MASTERPIECE FOR ALL TO KNOW.
STARS EMERGE, A TWINKLING CHOIR,
NATURE'S WONDERS NEVER TIRE.



DRAVID.N
II YEAR

REDUCE USAGE OF PLASTIC

"DITCH THE PLASTIC, EMBRACE THE EARTH."

"REFUSE SINGLE-USE, CHOOSE A GREENER
PATH."

"LESS PLASTIC, MORE PLANET."

"BREAK FREE FROM PLASTIC – OUR PLANET
DESERVES BETTER."

"PLASTIC-FREE TODAY, SUSTAINABLE
TOMORROW."

"SAY NO TO PLASTIC, YES TO A CLEANER
FUTURE."

"REDUCE PLASTIC, RESCUE OUR OCEANS."

"BE FANTASTIC, SAY NO TO PLASTIC."

"CUT THE PLASTIC HABIT, SAVE THE
ENVIRONMENT."

"PLASTIC-FREE LIVING, A GIFT TO MOTHER
EARTH."

SHRINATH.S
II YEAR



S N I A P



VIGNESH .S
II YEAR



ANIME



AMEER JAMAL RIYAZA
III YEAR

