

Mechanical Engineering Newsletter

"YANTRAMSHA"

PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT,

Sagar Road, NH-206, Shivamogga – 577 204

OUR VISION

"To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship".



- *M1 Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.*
- M2 To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.
- *M3* To include social, ethical and entrepreneurial values for the professional accomplishments.



OUR VISION

"To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship".



Karthik G.Walvekar (4PM16ME032) of V Sem (A Sec) had paerticipated and won Gold medal and 15,000/- cash prize in inter state *wristling tournament held at Jamakhandi*.

Ms. Apeksha H. N. (4PM16ME008), Ms. Chandana R (4PM16ME016) and Ms. Shreedevi B. J. of Mechanical Department have actively participated in the 2 – days National Women Enterpreneurship Conclave in Waste Management – WeCon 2018 held at Bengaluru on 3rd and 4th September 2018.



Mr. Vasanthkumar S, Mr. Krishna Naik S. D., Ms. Swathi P. and Ms. Hemavathi M. of VII semester has presented a paper on Experimental performance analysis of conventional gasoline vehicle blended with hydrogen gas", in *PLASMA – 2018* a national level technical symposium held at JNNCE, Shivamogga on November 12th 2018.



Suhas G. Bharadwaj (4PM16ME097) of 5th Semester, (B Sec.) has participated in District level of "Speak for India – Karnataka Edition - 2018" a state level inter collegiate debate competition held at Sahyadri college Shivamogga.





"GO-KART" club was inaugurated on **11-10-2018** to bring out the hidden talents in the department involving 2nd and 3rd year student.

As a part of Mechanical Engineering *Forum inauguration*, a talk on "Motivation and Preparation of Gate-2019" was arranged on 11-10-2018. Mr. Sunil M. of "DEENABANDU TRUST", Chamaraja Nagar was resource person.



On 28th September 2018, an awareness program under the theme *"Consumption of JUNK FOOD"* to the interested students of mechanical engineering. Poster making and Collage competitions were the two activities conducted on the same topic as mentioned above. And Mr. Nithish S. H. (4PM16ME058) and Darshan K. G. (4PM16ME019) had won I and II places in collage making and Mr. Nikhil Mirashi (4PM16ME054) and Ms. Sahana Nayak (4PM16ME085) had bagged I & II places in Poster making.

ACTIVITIES HELD IN THE DEPARTMENT

- *M1* Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.
- M2 To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.
- M3 To include social, ethical and entrepreneurial values for the professional accomplishments.



Mr. Lohit and Mr. Imad Ahamed of VII sem had participated in "Line follower" competition held at MCE, Hassan and JNNCE, Shivamogga, also secured with 1st and 2nd places respectively.

ACTIVITIES HELD IN THE DEPARTMENT





"Hands on tools on foundry and castings" a technical session for the III "A" and "B" section students. A demonstration on the molten wax pouring into the mould was done by Mr. Ashok R. Banagar, Mr. Vinod V. Rampur, Mr. Ganesh U. L. and Mr. Harish G. V. of mechanical engineering department and details of the casting was also explained to the students.

ACHEIVEMENTS OF OUR STUDENTS

LIST OF THE STUDENTS WHO HAD COMPLETED NPTEL ONLINE CERTIFICATION COURSES								
SL. NO.	NAME OF THE STUDENT	USN	COURSE NAME					
1	Vikhil A. O.	4PM15ME098	Design for quality, manufacturing and assembly	7 (A)				
2	Shashwath Shetty	4PM15ME076	Robotics	7 (A)				
3	Varun A. N.	4PM15ME093	Robotics	7 (A)				
4	Subramanya C.	4PM15ME084	Robotics	7 (A)				
5	Roshan D'Souza	4PM15ME067	Robotics	7 (A)				
6	Abhishek S. R.	4PM15ME001	Design for quality, manufacturing and assembly	7 (B)				
7	Gowtham V.	4PM15ME013	Design for quality, manufacturing and assembly	7 (B)				
8	Dinesh Kumar Bishnoi	4PM15ME019	Design for quality, manufacturing and assembly	7 (B)				
9	Jibran Hussain	4PM15ME038	Principles of Casting Techniques	7 (B)				
10	Swathi	4PM16ME439	Principles of Casting Techniques 7 (E					
11	Suhas G. Bharadwaj	4PM16ME097	Refrigeration and Air Conditioning 5 (B)					

PLACEMENT DETAILS FOR THE ACADEMIC YEAR 2018-19

SI. No.	Name of the student	USN	Company name	Position	Cell No.	E-mail ID
1	Gowtham v.	4PM15ME019	SLK Software	Trainee Software	7411731952	gowthamvshimoga@gmail.com
2	Akarsh Beturmath	4PM15ME003	SLK Software	Trainee Software	8762536886	akarshmb2604@gmail.com
3	Nagabhushan V. Gudi	4PM15ME046	SLK Software	Trainee Software	9632206147	nagabhushangudi5@gmail.com
4	Siddanth P Jain	4PM15ME081	CALL IN IT		8792684058	siddanth07jain@gmail.com
5	Tejas M.	4PM15ME090	CALL IN IT		709036158	tejasmteja@gmail.com
6	Premkumar M.	4PM15ME058	CALL IN IT		8105555966	premkumarsnv@gmail.com
7	Rajath Pandey	4PM15ME061	Carrer prime		8792335707	rajat8399@gmail.com
8	Mir Jibran Hussain	4PM15ME038	Infosys/Cognizant /SLK Software	System Engineer/Program Analyst/Trainee	8971170741	jibraan.h.mir@gmail.com

ಏನೂ ತಿಳಿಯದವರು ಏನನ್ನೂ ಪ್ರೀತಿಸುವುದಿಲ್ಲ,

ಏನನ್ನೂ ಮಾಡಲಾಗದವನು, ಏನನ್ನೂ ಆರ್ಥಮಾಡಿಕೊಳ್ಳಲಾರ,

ಏನನ್ನೂ ಅರ್ಥಮಾಡಿಕೊಳ್ಳದವನು ಅಪ್ರಯೋಜಕ,

ಆದರೆ... ಅರ್ಥ ಮಾಡಿಕೊಳ್ಳಬಲ್ಲವನು, ಪ್ರೀತಿಸಬಲ್ಲ, ಗಮನಿಸಬಲ್ಲ, ನೋಡಬಲ್ಲ....

ಅಂತರಂಗದಲ್ಲಿ ತಿಳುವಳಿಕೆ ತುಂಬಿಕೊಂಡಂತೆ ಒಲವು ತುಂಬಿಕೊಳ್ಳುತ್ತದೆ....

ಎಲ್ಲ ಹಣ್ಣುಗಳು ಒಟ್ಟಿಗೆ ಪಕ್ಷವಾಗುತ್ತವೆಮದು ಭಾವಿಸಿದವನಿಗೆ, ದ್ರಾಕ್ಷಿಗಳ ಸಂಗತಿ ಏನೂ ಗೊತ್ತಿಲ್ಲ......

– Manojkumar M (4th Yr, ME)

A bad workman always blames his tools. (a person who has done something badly will seek to lay the blame on their equipment rather than admit their own lack of skill.) -Proverb

OUR VISION

"To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship".

Hub of Poets, Lyricists, Writers and Gag-writers



 \dot{A} \dot{A}

- M1 Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.
- *M*2 *To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.*
- *M3 To include social, ethical and entrepreneurial values for the professional accomplishments.*

GALLERY OF ARTISTS, POETS and WRITERS

నాగుతిది జೀవన నినమిగళ జీశితుతిగిందు,

ముంది స్థియాదించి అగిరువ తమ్మిగళ తిద్ది తిగిందు,

ಬಯಸಿದ್ದು ದೊರಕಿಲ್ಲವೆಂದರೆ ಬೆಳೆಸಿಕೊಂಡು,

ఎಂదు ಕೈ ගැයිದೆ ನಮ್ಮ ತನವನು ಉಳಿಸಿಕೊಂಡು.....

-ಸ್ಟಿನ್ನಿಂನ್ ಸೂರಿ

Once engineers at one of major aerospace company were testing the effects of bird strikes on the wind shield on various jets and airliners.

So to stimulate the effect of a bird striking a traveling plane at high speed engineers decided to make a powerful gun with which they could fire dead chicken (from freezer) at the wind shields.

After some test engineers declared that the test was very successful and the stimulation they used with gun and dead chicken worked very effectively.

Many articles and projects were published related to the suitability of wind shields and test done to approve that windshields were now suitable for planes.

At the same time in other part of world some other scientists were trying to assess same thing but on windshields of very new high train speeds.

These train test engineers had heard about the pioneering test developed by aerospace team, so they approached them and asked proper specifications of the test and way to conduct that test and the gun and dead bird.

Aerospace test engineers were happy to provide with all the details related to test done on wind shield.

Now train engineers were all set to build their own stimulation of bird striking high speed train but when tests were done results were shocking.

Wind shields that were supposed to be of high resistance to bird strike were smashed into pieces. In fact every single windshield they tired for testing was shattered along with the test booth itself.

Train engineers were horrified and concerned about the new high speed train safety and technology so they went to aerospace engineer with long report of failure of test and asked for advice and suggestions.

After reading the report a brief reply was sent from aerospace company test engineers and that was... You need to defrost the chicken first...

Moral: Sometimes we work hard and focus on important thing but forget to notice small things that we over look because of pressure and work. So we need to sit and think for little and we can find solution.

Nithin J. C. Gowda

ಮಾತಿನ ಮಂಡಪದಲ್ಲಿ ಮಾತು.... ಮೌನ ರಾರರಳು ಕೇಳದ ಮಾತು.... ಬರಬಹುದು ಕೆಲವರ ಮಾತು.... ಮಾತಿನ ಮಧೈ ಅವರಲ್ಲಿ ಕೇಳದೆ ಬುಳಿಯುವುದೂ ಮಾತು.... ಮಾತುನಾಡಬಾರದೆಂದು ಹೇಳುವ ಸ್ವಸ್ಥೆ ಮಾತು.... ಮಾತು ಮಾತಾರ್ದೈ ಎಂಬ ಮಾತು.... ಮಾತು ಮಾತಾರಿ ಮಾತನಾಡಿದ ಮೌನವಾರಿ ಮರೆಯುದಾರದ ಮಾತಾರಿದೆ ಮಾತು.... ವಂdini (4th Sem, MED)



ನಗುವ ಹಿಂದಿನ ನೋವನ್ನು, ಅಳುವ ಹಿಂದಿನ ಕಣ್ಣೀರನ್ನು, ಕಟ್ಟಿಕೊಂಡ ಕನಸನ್ನು, ಮುಚ್ಚಿಟ್ಟುಕೊಂಡ ವ್ಯಥೆಯನು, ಯಾರ ಬಳಿಯೂ ಹೇಳಿಕೊಳ್ಳದಿರುವುದೇ ಉತ್ತಮ, ಅತ್ಯುತ್ತಮ.......

ಸೂರಿ (ಯಾಂತ್ರಿಕ ವಿಭಾಗ, 4ನೇ ವರ್ಷ)

Let ME take on the world with full JOSH – Coz when Mech rests World Rust

- Royal Ravi (8th ME)

OUR VISION

"To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship".

ಜೊತೆ ಇರುವ ದೇವರು ಈ ತಂದೆ ತಾಯಿ, ನಾನಾಗುವಾಸೆ ಅವಗೆ ಸದಾಕಾಲ ಅನುಯಾಯಿ….. ಆ ಬ್ರಹ್ಮ ಏನಿಲ್ಲ ಈ ದೇವರ ಮುಂದೆ, ಸುಖವಾಗಿ ಇರಬೇಕು ನನ್ನ ಆಸೆ ಒಂದೆ…..

ಹಣವಿಲ್ಲ, ಮನೆಯಿಲ್ಲ, ಪ್ರೀತಿಗೆ ಏನು ಕಮ್ಮಿ ಇಲ್ಲ ದುಡಿಯುವವರ ಹಗಲೆಲ್ಲ, ಆ ದೇಹಕ್ಕೆ ಏನು ಸುಖವಿಲ್ಲ.....

ಕೇಳಿದರೂ ನೀಡದ ಈ ಭೂಮಿಯಲ್ಲಿ ಜನರೆಲ್ಲ, ಕೇಳದೆ ಕೊಡಿಸುವ ಇವರಿಗ್ಯಾರು ಸಾಟಿ ಇಲ್ಲ.....

ಪಡೆದವರು ಇವರು, ಹೊಡೆದವರು ಇವರು, ಮತ್ತೆ ಬಂದು ಮುದ್ದು ಮಾಡುವವರು ಇವರು..... ಸಿಗಬೇಕು ಸಂತೋಷ ನಮ್ಮಿಂದ ಅವರಿಗೆ, ಬರುವ ಭರವಸೆಯ ಬೆಳಕಾಗು ಈ ತಂದೆ ತಾಯಿಗೆ.....

ಜಗದಲ್ಲಿ ಇವರು ಸೂರ್ಯ ಚಂದ್ರರಂತೆ, ಬೆಳಗುವರು ಒಬ್ಬೊಬ್ಬರಾಗಿ ತಮ್ಮ ಸರದಿಯಂತೆ….. ಸುಖವಲ್ಲ ಬದಿಗೊತ್ತಿ, ಕಷ್ಟವಲ್ಲ ಮೇಲೆತ್ತಿ, ಇರುವವರು ನಿಜವಾಗಿ ಆ ದೇವರಂತೆ…..

ಬರೆದಿರುವೆ ನಾನು ಈ ಚಿಕ್ಕ ಕವಿತೆ, ಅವರೇ ನನಗೆ ದೇವರು ದೇವತೆ, ಪದಗಳಿಲ್ಲ ನನ್ನಲ್ಲಿ ಮಾಡಲು ಅವರ ವರ್ಣನೆ ಎನಿದ್ದರೂ ಮನದಲ್ಲಿ ಅವರಿಗೆ ನನ್ನ ವಂದನೆ.....

> ಸ್ಟನ್ನಿಂಗ್ ಸೂರಿ (೪ನೇ ವರ್ಷ, ಯಾವಿ)

We don't know where we fall in future, but in these 4 year, we are all fall in 'TRUE FRIENDSHIP' which will never ends throughout our life's......

- Sumanthkumar K. C.



(4ನೇ ವರ್ಷ, ಯಾವಿ)

invisibles. Infinite y Universe. number Dwell in the Same Enjoying e cach the ample wealth of nature fransfer. decided by the creator. Shape has it's own property a of that ultimate invisible Js Each cach of that ullimate invis foing to have those Golden thames, the affire Given to 15 EFLOSE Explorer, Eoing to jude in & out design *ifre*

With respect to TIME !!!!!!!

Shridedi . B.J. 4PM 19ME074







ಯಾರು ಇಲ್ಲಿ ಮೊದಲೇನಲ್ಲ, ಕೊನೆವರೆಗು ಯಾರು ಇರೋದಿಲ್ಲಾ.... ನೀನು–ನಾನೂ ಶಾಶ್ವತ ಅಲ್ಲ ಸಾವೆಂಬುದು ಯಾರ್ನೂ ಬಿಟ್ಟಿಲ್ಲಾ.... ಲಕ್ಷ ಜನಕೆ ಅನ್ನ ಕೊಟ್ಟ ದೇವ್ರೇ ದೇಹ ತೊರೆದ್ರಲ್ಲ..... ಇಲ್ಲಿ ಯಾರು ಯಾರಿಗೂ ಆಗೊಲ್ಲ, ಸತ್ಮೇಲೆ ಹಿಡಿ ಮಣ್ಹಾಕೆ ಮನೆಸೇರೋರೆಲ್ಲ..... ಇನ್ನಾದರು ಅರಿತು ಬದುಕೋ ಮನುಜ, ಸಾಧನೆಯೇ ಸಾವಿಲ್ಲದ ಮೂಲಮಂತ್ರಾ....

---ಅಕ್ಷಯ್ ಶಿರಸಂಗಿ (೪ನೇ ವರ್ಷ, ಯಾವಿ)

fveryone has a problem, depends on their perspective to solve it. fveryone has a solution depends on their intelligence to use it. fveryone has a past, depends on their presence of mind to learn from it. fveryone is unique in their own way, depends on their way of proving it to the world.

Rahul Sheetal Vpadhye

FACULTIES ACHIEVEMENTS

- Abilash Desai, C. M. Sharanaprabhu, S. K. Kudari, "Experimental investigation on the effects of fiber orientation on translaminar fracture toughness for glass-epoxy composite under mixed Mode I/II load", Advances in Polymer Composites: Mechanics, Characterization and Applications, AIP Conference Proceedings, Vol.2057, pp 020010 (1-8); DOI 10.1063/1.5085581, ISBN: 978-0-7354-1785-4
- M. S. Raviraja, C. M. Sharanaprabhub and G. C. Mohankumar, "Experimental and 3D FE evaluation of crack initiation energy J_{1C} in Al6061-TiC composites", Strength, Fracture and Complexity, Vol. 11, 2018, pp 63–72, DOI 10.3233/SFC-180213.
- Mr. Vinod V. Rampur has attended and Presented a paper entitled "Feature extraction and recognition information system for manufacturing prismatic part" in FLAME – 2018 held at Amity University, Noida, Uttar Pradesh on October 3rd – 5th, 2018
- Mr. Praveena R. has completed 12 WEEK NPTEL Online course (from Jul-Oct 2018) on "FUNDAMENTALS OF MANUFACTURING PROCESSES".

Words get meaning according to the persons own dictionary. – @nandini_banakar

GALLERY OF ARTISTS, POETS and WRITERS

- M1 Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.
- M2 To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.
- M3 To include social, ethical and entrepreneurial values for the professional accomplishments.

PESITM IN THE LENS OF OUR STUDENTS



Get into pain when there is no rain. Until it rain, enjoy the pain. The pain that rained seems to be ruined,

but the rain from the pain is the destiny of Success.....

– Shreedevi B. J. (4th Sem, ME)

IN THIS WORLD - people will judge you on your acts but Lord will judge you on your intentions. --- Sadat sheikh (6th Sem, ME) ---

Call for Newsletter Articles

We need articles for future additions of Newsletter

Please consider providing a short item of news, or an in depth article for the next edition of the newsletter. We would like to invite everybody to submit a short story/article/announcement that can fit in the following structure: News items and announcements -

- > Short, topical, news oriented technical/ non-technical topics.
- > Paintings, sketches, comics, poems, dag-writings, short stories etc.
- > Major and minor technical articles are also accepted.
- > Jokes, Punch dialogues, quotes of your own could be included.
- > All of above said matters could be accepted in English or in kannada formats

Feel free to communicate with the student and staff coordinators for more details.

- Editor





(L to R)
Mr. Suhas Bharadhwaj (6th Sem)
Mr. C. Upendra (4th Sem)
Mr. Nitin J. C. (6th Sem)
Dr. Basavarajappa Y. H. (HOD/ ME)
Mr. Ashok R. Banagar (Asst. Prof.)
Ms. Shreedevi B. J. (4th Sem)
Ms. Apeksha H. N. (6th Sem)
Mr. Lohith B. N. (8th Sem)
Mr. Vikhil A. O. (8th Sem)