

KALPATARU VIDYA SAMSTHE® TIPTUR

KALPATARU INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi and Recognised by AICTE, New Delhi)

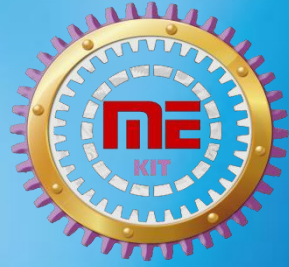
TIPTUR, KARNATAKA-572201

Ph: 08134-251267 Fax no: 08134-251939

www.kittiptur.ac.in principal@kittiptur.ac.in



Estd-1986



DEPARTMENT OF MECHANICAL ENGINEERING

The Newsletter

2016-17



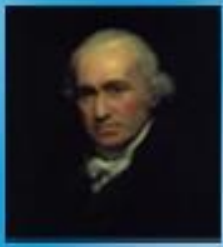
oyals
Reflex



Contents:



1. President's message
2. Treasurer's message
3. Principal's message
4. HOD's message
5. About the Department
6. Vision and Mission
7. Staffs' achievements
8. Students' Project sponsored by KSCST, Bangalore
9. Seminars organised/conducted
10. Research and Development
11. Details of Research Scholars in the Department
12. List of Students underwent internship in different Companies
13. Research publications
14. Technical / research articles published in International conference
15. Industrial visits
16. Workshop/Seminar attended by Faculties
17. Toppers list
18. Gallery
19. Sports corner
20. Farewell
21. Campus recruitment
22. MOU & Training Details
23. Teaching and Non-teaching staff
24. Editorial desk



James Watt

born:
Jan 19, 1736
died:
Aug 25, 1819

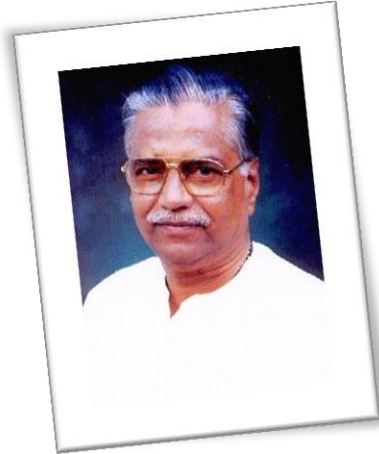
“FATHER OF
MECHANICAL
ENGINEERING”

“A lie can run
around the
world before
the truth can
get it's boots
on”

-JAMES WATT

From President's desk

I am very happy to present this Newsletter which is most useful in providing information to the students and faculty members about the recent noted developments that have materialized in the Institute. The editorial team has evinced a lot of interest to collect and collate information from all the departments and has made a sincere effort at bringing out a useful Newsletter. I congratulate them for their brilliant efforts.



P K Thipperudrappa
President, KIT

From Treasurer's desk

I am overwhelmed to learn that the department of Mechanical Engineering is bringing out its 2nd news letter. I congratulate the Head of the Department Dr. Viswanatha B M and his young team who have initiated this unique way of presenting the various activities conducted by the department in academic year 2016-17. The team has strived hard in organizing the events and has put in a lot of effort to bring out this news letter. I congratulate the entire faculty and the technical staff who have lent their support to bring out this news letter.



T S Shivaprasad
Treasurer, KIT



Alexander
Graham Bell

born:
March 3, 1847
died:
Aug 2, 1922

→ “FATHER OF
RADIO”

“Before
anything else
preparation is
the key to
success”

-Graham bell

From Principal's desk

I am very delighted to present this Newsletter which would shed light on the important activities that were conducted on the campus in the recent past. I feel happy for the Department of Mechanical Engineering as it has successfully completed 25 years of precious service in the field of academics.



Dr. Nandeeshaiha
Principal, KIT

From HOD's desk

I am utterly glad to welcome 2nd edition of Mechanical Department newsletter for the academic year 2016-17. Newsletter provides an active insight into major achievements consummate by the students and the faculty members. I applaud the priceless efforts of my squad members in this initiation and thank them sincerely.



Dr. Viswanatha B M
HOD (ME), KIT



CHARLES BABBAGE

born:
26 Dec 1791
Died:
18 Oct 1871

→ "FATHER OF
COMPUTER"

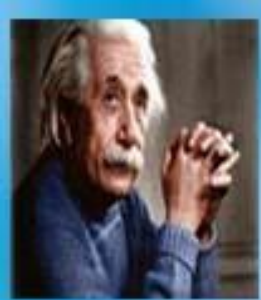
"Errors using in
adequate data
are much lesser
than those using
no data at all"

- Charles Babbage

About our Department



The Department was established in the year 1992 with an initial intake of 30 which further was enhanced in two stages to 60 in the first stage and then to 120 in the second stage. The department is currently headed by Dr Viswanatha B M, Professor & HOD. The department is in optimum demand since its inception to till date. The department is blessed with highly qualified, well experienced, committed faculty members. The department has 3 eminent Professors, Dr. Viswanatha B M, Dr. T M Chandrashekaraiiah and Dr. T S Kiran with Ph.D degrees. Mr T S Siddalingaprasad, Mr. Basavaraj Ganigar, Mr. Mallikarjun G B, Mr. Rohithkumar H V, Mr. Madhu P S and Mrs. Naveena Kumari E are pursuing their Ph.D degree program in different universities. The Department has a Research & Development center recognized by VTU, Belagavi and Tumkur University. It has managed to receive Rs. 20 lakh grant from VGST, Govt. of Karnataka. Dr T M Chandrashekharaiiah and Dr. Kiran T S are guiding many candidates for Ph.D programme under VTU. The department organizes symposiums, workshops and seminars under Mechanical Engineering Association every year.



ALBERT EINSTEIN

born:
14 March 1879
Died:
18 April 1955

“THEORY OF RELATIVITY (E=MC²)”

“PHOTO ELECTRIC EFFECT”

“A person who never made a mistake never tried anything”

-Albert Einstein

Vision and mission

Vision:

The Department of Mechanical Engineering - being one of the best undergraduate programs, based on the quality and balance between Institution & Industries, it has become a department of choice for prospective students, parents, faculty, staff, corporate donors and corporate employers nationwide.

Mission:

To produce top-notch graduates with a broad-based foundation in fundamental mechanical engineering principles together with in-depth disciplinary knowledge which is essential to succeed in a career in Mechanical Engineering or related fields including a wide variety of advanced technological and management careers.

Staff's achievements

- ❑ **Dr. Viswanatha B M**, Professor, Department of Mechanical Engineering has reviewed research article and review board member of number of journals.
 1. Metallurgical and Materials Transactions A (Springer)
 2. Industrial lubrication and Tribology
 3. Bulletin of the Chemical Society of Ethiopia (Open access)
 4. Ultra Engineer, An International, open access, peer reviewed research Journal of engineering science (Open access, Google scholar)
 5. European Journal Engineering Research and Science- Belgium (Open access, Google scholar)
- ❑ **Dr. Kiran T S** Professor,
 6. Reviewer for JESTEC, Malaysia
 7. Reviewer for JMRT, Elsevier
 8. Reviewer for Material Science Kaunas University, Malaysia

Student project sponsored by KSCST, Bangalore

Sl. No.	Name of the Faculty	Project Title	Amount in Rs.
01	Dr. Kiran T.S	Fabrication of hover bike	7000/-
02	Mr. Manjunath Channappagoudra	Study on Entrepreneurial opportunities in Bio- Diesel production from waste coconut oil and its utilization in Diesel Engine	9000/-

Seminars organised/conducted

- ❖ On 10-08-2016 a seminar was organised in our college which was based on “**Awareness programme on CATIA, Hypermesh, ANSYS etc**” by an eminent personality “**Mr. Tabrez (CAED Engineer, Bangalore)**”.
- ❖ On 22-09-2016 a seminar was organised in our college which was based on “**Engine Technology**” by an eminent personality “**Mr. Madhusudhan P S (Rectangle Automotive Technologies LLP, Davanagere)**”.
- ❖ On 25-10-2016 a seminar was organised in our college which was based on “**About General Motors, Evolution of Vehicle development and CAE & Key CAE areas at GMTCI**” by an eminent personality “**Mr. Jeevotham Bhat, Sr. Group leader (Aero CAE), General Motors, B’lore**”.
- ❖ On 25-10-2016 a seminar was organised in our college which was based on “**General expectations & Art of Innovation**” by an eminent personality “**Mr. Sachin Rathi, Group leader (Closures CAE), General Motors, B’lore**”.

Research and Development



R&D centre



Grants from VGST



Pin on Disc Wear Testing Machine



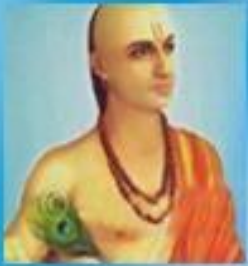
Resistance Furnace

Write brothers

Born:
Aug 19, 1871
Died:
Jan 30, 1948

➔ **“FATHERS OF AEROPLANE”**

“THE AIRPLANE STAYS UP BECAUSE IT DOESN'T HAVE TIME TO FALL”
- Wilbur wright



➔ The following candidates have registered for Ph.D. in the Department of Mechanical Engineering, Research Centre, KIT, Tiptur.

ARYABHATA
 Born:
 476 AD
 Died:
 550 AD

➔ “ HE
 INVENTED
 THE ‘ZERO’ ”

SI No.	Name	Ph.D Guide Name
01	Mr. R Manjunatha	Dr. Chandrashekharaiiah T M KIT – Tiptur
02	Mrs. SatyaPrema	
03	Mr. Devappa	
04	Mr. Somashekhar Hiremath	
05	Mr. Muralidhar. S	
06	Mrs. Naveena Kumari M E	Dr. Kiran T S KIT – Tiptur
07	Mithun Kumar C N	
08	Mr. Madhu P S	

➔ **Details of Grants received: R & D track record (Mechanical department)**

Name of the project	Sponsoring agency	Amount Sanctioned (Rs)	Amount Released (Rs.Lacs)	Outcome of the project
To Provide Infrastructure Research work on Tribological studies	VGST (Govt. of Karnataka)	20,00,000	10,00,000	Infrastructure Research work on Tribological studies

“ The universal medicine-
 *For soul is supreme reason and absolute justice.
 *For mind mathematical and practical truth.
 *For body quit essence”
 -ARYABATA



Details of Research Scholar in the Department

Sl. No.	Name	Center of Registration / University	Date of Registration	Guide Name	Research Topic
01	T S Siddalingaprasad Asst.Prof, Mech	SIT Tumkur VTU Belagavi	October - 2012	Dr.H .S Shivashankar, SIT, Tumkur	Characterization and Property Evaluation of forged cutting tool for industrial application
02	Basavaraj Ganiger, Asst.Prof, Mech	SSU –Tumkur	August 2012	Dr T. B Prasad, SSIT, Tumkur	Studies on the effect of addition of phosphorous on Micro structure and sliding wear behavior of some commercially available hypereutectic Al-Si alloy at elevated temperature
03	Mallikarjuna. G. B Asst.Prof, Mech	JNNCE, Shivamogga VTU – Belagavi	December 2014	Dr. E Basavaraj JNNCE, Shivamogga	Metal Matrix Composite
04	Rohith Kumar H.V Asst.Prof, Mech	UBDTCE , Davangere VTU – Belagavi	January 2016	Dr. Irappa Sogalad UBDTCE, Davangere	Polymer Matrix Composite
05	Eshwaraiah K S Associate Prof, Mech	NIMAMIT, Nitte VTU – Belagavi	February 2017	Dr. Shashikanth Kariyanka NIMAMIT, Nitte	Automation & Optimization of Multifunction of Power tiller
06	Naveen Kumari M.E Asst.Prof, Mech	KIT, Tiptur VTU – Belagavi	February 2017	Dr. Kiran T S KIT – Tiptur	Metal Matrix Composite
07	Madhu P S Asst.Prof, Mech	KIT, Tiptur VTU – Belagavi	May 2017	Dr. Kiran T S KIT – Tiptur	Metal Matrix Composite

SIR ISAAC NEWTON

Born:
25 Dec 1642
Died:
20 March 1726

→ “ HE PROPOSED THE LAW OF GRAVITATION”

“LIVE YOUR LIFE AS AN EXCLAMATION RATHER THAN EXPLANATION”

- ISAAC NEWTON

List of Students carried out internship in different Companies

Sl. No	Student Name	Company Name	Name of the Project / Internship training	Date
1	Vinay M	M E Forge-Tech, Bangalore	Internship training	14/01/2016 to 25/01/2016
2	Salman			
3	Jayanth A V	eZenith Education Ltd., Bangalore	Internship training	20/07/2016
4	Sharath Babu D	BEML Ltd., KGF	Internship training	22/07/2016 to 29/07/2016
5	Skanda Nayaka S P	BEML Ltd., KGF	Internship training	22/07/2016 to 29/07/2016
6	Vinayaka N Aralikatte	BEML Ltd., KGF	Internship training	22/07/2016 to 29/07/2016
7	Prajwal U	BEML Ltd., KGF	Internship training	22/07/2016 to 29/07/2016
8	Ramnatha T S	Fitwel Tools & Forgings Pvt.Ltd., Tumkur	Internship training	06/01/2016 to 21/01/2016
9	Abhilash K S	HAL, Bengaluru	Internship training	01/07/2016 to 31/07/2016
10	Abhilash K S	HAL, Bengaluru	Project on "Design & Analysis of Shear Fitting used in FIN and Fuselage Attachment of a Basic Trainer Aircraft"	13/01/2017 to 01/02/2017
11	Rakesh R			
12	Tanmaya			
13	Vinayaka M S			
14	George A	Shreyas Papers PVT LTD	In-Plant Training	10/01/2017 to 21/01/2017
15	Bhavana J	SAIL, Visvesvaray a Iron & Steel Plant Bhadravathi	Inplant Training	23/01/2017 to 6/02/2017
16	Bhavana J	SAIL, Visvesvaray a Iron & Steel Plant Bhadravathi	Project on "Hydraulic Energy Analysis of Pumped Water Floe at BOF SMS department"	07/02/2017 to 13/02/2017
17	Divya M S	HAL, Bengaluru	Internship training	10/01/2017 to 28/01/2017
18	Nikhil T	Toyota Industries Engine India Pvt. Ltd., Bangalore	Project on "Basic Engine Parts"	12/01/2017 to 02/02/2017

Write brothers

Born:
Aug 19, 1871
Died:
Jan 30, 1948

➔ "FATHERS
OF
AEROPLANE"

"THE
AIRPLANE
STAYS UP
BECAUSE IT
DOESN'T
HAVE TIME
TO FALL"
- Wilbur wright

Research publications



**JOHN LOGIE
BAIRD**

Born:

14 Aug 1888

Died:

14 June 1946

➔ **“ HE
INVENTED
TELEVISION”**

**“CATHODE
RAY TUBES
ARE THE MOST
IMAPORTANT
ITEMS IN THE
TELEVISION”**

- J L BAIRD

- ❑ B.M. Viswanatha, M. Prasanna Kumar, S. Basavarajappa, T.S. Kiran, Effect of Factors on performance of the Disc Brake system: A Discussion. i- Manager’s Journal on Material Science, Vol.4, No. 3, October-December-2016.
- ❑ B.M. Viswanatha, M. Prasanna Kumar, S. Basavarajappa, T.S. Kiran, Effect of applied on tribological study of hybrid metal matrix composites, European Journal of engineering research and science, Vol. 1, NO. 4, October 2016.
- ❑ Chandrashekharaiiah T M, sathya prema, Muruli G.E, “ comparative study of microstructures and mechanical properties on Al-Si alloy(A390) using grain refiners and/ or Modifiers” international journals of scientific and engineering research, vol 7, issue 7, July-2016.
- ❑ T.S. Kiran, Suresh R, M. Prasanna Kumar, S. Basavarajappa, Mahesh Yeole & Naresh Katare, Numerical Simulation & Experimental Study of wear depth and Contact pressure distribution of Aluminum MMC Pin on Disc Tribometer, Materials Today: proceedings XX(2017)XXX-XXX.
- ❑ T S Siddalingaprasad, H S Shiva Shankar, “Wear Behavior of D-type Tools Steel “, International Journal of Engineering sciences and Management, ISSN:2277-5528, March 2017, pp.106-112.
- ❑ Basavaraj Ganiger, T M Chandrashekharaiiah and T B Prasad “Modification Performance of the Cu-P master alloy on the Mechanical Properties of Al-24Si-Cu-Mg alloy”, International Journal of Engg Researches & management studies, ISSN 2394-7659, March 2017, pp.1-6.
- ❑ Naveen Kumari M E, Dr. Kiran T S, Dr. Vishwanatha B M, Pallavi B A “Review on Tribo Mechanical Properties”. International Conference on Advances in Mechanical Sciences (ICAMS-2017), March 3rd to 5th 2017 at MCE, Hassan, Karnataka India.
- ❑ Anil K, S M Aradhya, Dr. Vishwanatha B M, Pruthwiraj J M “Static Analysis of Combination Boiler”, International journal of engineering sciences & research technology, ISSN: 2277-9655, March 2017, pp.68-73.
- ❑ Pruthwiraj J M, Dr. Vishwanatha, Dr. Kiran T S, Anil K , Dileep H B, “Static Analysis of Trailing Arm”. International journal of engineering sciences & research technology, ISSN: 2277-9655, March 2017, pp.63-67

Technical / research article published in International conference

- ❑ **Mallikarjuna G B**, Dr. E Basavaraj, “Development & Characterization of silica particulate reinforced aluminium metal matrix composite”, International Conference on Advances in Mechanical Sciences (ICAMS-2017), March 3rd to 5th 2017 at MCE, Hassan, Karnataka India.
- ❑ **Mallikarjuna G B**, “Wear & Mechanical property evaluation of Aluminum – silica composites”. International Conference on Advance Materials & Technology (ICMAT-16) May 26th to 28th 2016 at S J College of Engineering, Bangalore, Karnataka India.
- ❑ **Mallikarjuna G B**, Basavaraj E, Fabrication & Characterization of Al-Si Metal Matrix Composite using Stir Casting Technique in, “International Conference on Emerging Research Trends in Mechanical and Civil Engineering” (ICERTMCE-2017), 6th and 7th July-2017.
- ❑ **Mahanthesh G**, Rohith Kumar H V, Mamatha Sarangamath, Dr. Viswanatha B M, A River on Nano Particles in Automobile, “International Conference on Emerging Research Trends in Mechanical and Civil Engineering” (ICERTMCE-2017), 6th and 7th July-2017 at REVA University, Bengaluru.

Industrial Visit

Sl No.	Name of the Event	Date	Details	Participants
1	Industry-Institute Interaction Visit	25-03-2017	Pragathi Precision & Trinity NDT, Bangalore	60 Students + 6 Faculties (6 th sem)
2	Industry-Institute Interaction Visit	27-03-2017	Bhadra Power Project & Shanthala Foundries - Shivamoga,	72 Students + 05 Faculties (4 th sem)
3	Industry-Institute Interaction Visit	06-04-2017	MSPL & Kirloskar Pvt. Ltd, Hospet	76 Students + 08 Faculties (8 th sem)
3	Industry-Institute Interaction Visit	07-04-2017	JSW, Bellary	76 Students + 08 Faculties (8 th sem)



**JOHN LOGIE
BAIRD**

Born:
14 Aug 1888
Died:
14 June 1946

➔ “HE
INVENTED
TELEVISION”

“CATHODE
RAY TUBES
ARE THE MOST
IMAPORTANT
ITEMS IN THE
TELEVISION”

- J.L BAIRD



Workshop/Seminar attended by Faculties

Sl. No	Name of the faculty	Name of the Short term course/Workshop/ Summer course/ Attended	College/ Organization	Duration	No. of Days
1	Dr. Viswanatha B.M.	Issues and Challenges in Solar & Wind Power Generation and Utilization”	Siddaganga Institute of Technology, Tumakuru	04/01/2017 to 07/01/2017	04
2		“Global R&D Meet 2017”	Lalit Ashoka, Bangalore	06/04/2017 to 07/04/2017	02
3	Dr. T. M. Chandrashekaraih	Global R&D summit 2017	Hotel Lalith Ashoka, Bangalore	06/04/2017 to 07/04/2017	02
4	Dr. Kiran T S	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
5		“Campus Career Conclave -2017”	Carrer Prime, Bangaluru	07/07/2017	01
6	Eshwaraiah K S	“Blooms Taxonomy: A Taxonomy for Accreditation”	Ramaiah Institute of Technoloy, Bangalore	28/07/2017	01
7	Aradhya SM	“Design of Machine Elements –II”	Vivekananda College of Engineering & Technology, Puttur	27/01/2017 to 27/01/2017	02
8		Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
9	Mallikarjuna G B	Smart Engineering Materials ICSEM-2016	RV College of Engineering, Bengaluru	20/10/2016 to 22/10/2016	03

Write brothers

Born:
Aug 19, 1871
Died:
Jan 30, 1948

➔ “FATHERS OF AEROPLANE”

“THE AIRPLANE STAYS UP BECAUSE IT DOESN'T HAVE TIME TO FALL”
- Wilbur wright

Workshop/Seminar attended by Faculties

Sl. No	Name of the faculty	Name of the Short term course/Workshop/ Summer course/ Attended	College/ Organization	Duration	No. of Days
10	Mallikarjuna G B	Additive Manufacturing & Rapid Product Development Technologies	NIT, Tiruchirappalli	26/12/2016 to 31/12/2016	06
11		“Design of Machine Elements –II”	Vivekananda College of Engineering & Technology, Puttur	27/01/2017 to 27/01/2017	02
12	Dileep H B	“Design of Machine Elements –II”	Vivekananda College of Engineering & Technology, Puttur	27/01/2017 to 27/01/2017	02
13		Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
14	Sandeep K	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
15	Narendra Kumar S C	Additive Manufacturing & Rapid Product Development Technologies	NIT, Tiruchirappalli	26/12/2016 to 31/12/2016	06
16	Naveenkumari M E	“Research Methodology”	Cambridge Institute of Techonology	21/10/2016 to 22/10/2016	02

Write brothers

Born:
Aug 19, 1871
Died:
Jan 30, 1948

➔ “FATHERS OF AEROPLANE”

“THE AIRPLANE STAYS UP BECAUSE IT DOESN'T HAVE TIME TO FALL”
- Wilbur wright

Workshop/Seminar attended by Faculties

Sl. No	Name of the faculty	Name of the Short term course/Workshop/ Summer course/ Attended	College/ Organization	Duration	No. of Days
17	Naveenkumari M E	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
18	Sanjay H M	“Design of Machine Elements –II”	Vivekananda College of Engineering & Technology, Puttur	27/01/2017 to 27/01/2017	02
19	Ajay C K	“Design of Machine Elements –II”	Vivekananda College of Engineering & Technology, Puttur	27/01/2017 to 27/01/2017	02
20		Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
21	Pruthwiraj J M	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
22	Pallavi B A	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06
23	Anil K	Processing of Material Characterization and testing	Ramaiah institute of Technology, Bangalore	16/01/2017 to 21/01/2017	06

Write brothers

Born:
Aug 19, 1871
Died:
Jan 30, 1948

➔ “FATHERS OF AEROPLANE”

“THE AIRPLANE STAYS UP BECAUSE IT DOESN'T HAVE TIME TO FALL”
- Wilbur wright

Toppers List



**NIKOLAUS
AUGUST
OTTO**

Born:
14 June 1832
Died:
26 Jan 1891

➔ “HE
INVENTED
THE PETROL
ENGINE”



Nuthan D R [1KI16ME035]
1st sem.



SriHarsha R E [1KI16ME065]
2nd sem



Jagadeesha G K [1KI15ME030]
3rd sem



Shankar S T [1KI15ME076]
4th sem



Nagendra G [1KI14ME062]
5th sem



G M Abhilash [1KI14ME027]
6th sem



Raghu T [1KI13ME076]
7th sem



Raghu T [1KI13ME076]
8th sem

Industrial Visits



**GOTTLIEB
DAIMLER**

Born:
17 Mar 1834
Died:
6 Mar 1900

➡ “ HE
INVENTED THE
FIRST INTERNAL
COMBUSTION
ENGINE”



Industry Visit for VI sem students to Pragathi Precision - Bangalore on 25th March 2017

“THE BEST
OR
NOTHING
AT ALL”
-DAIMLER



Industry Visit for VI sem students to Trinity NDT-Bangalore on 25th March 2017



Industrial Visits



**GOTTLIEB
DAIMLER**

Born:
17 Mar 1834
Died:
6 Mar 1900

➡ “ HE
INVENTED THE
FIRST INTERNAL
COMBUSTION
ENGINE”

“THE BEST
OR
NOTHING
AT ALL”
-DAIMLER



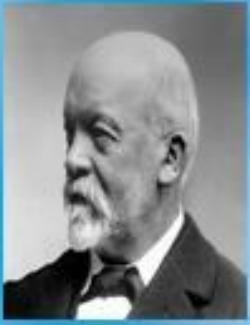
*Industry Visit for IV sem students to
Bhadra Power Project (BRP), Shivamoga on 27th March 2017*



*Industry Visit for IV sem students to
Shanthala Foundries, Shivamoga on 27th March 2017*



Industrial Visits



**GOTTLIEB
DAIMLER**

Born:
17 Mar 1834
Died:
6 Mar 1900

➡ “ HE
INVENTED THE
FIRST INTERNAL
COMBUSTION
ENGINE”

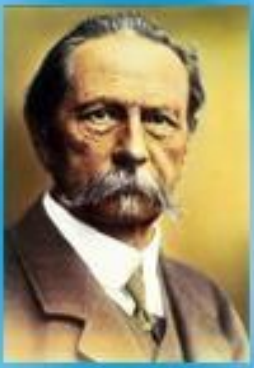


*Industry Visit for VIII sem students to MSPL and Kirloskar Pvt. Ltd, Hospet on
6th April 2017*

“THE BEST
OR
NOTHING
AT ALL”
-DAIMLER



Industry Visit for VIII sem students to JSW, Bellary on 7th April 2017



KARL BENZ

Born:
25 Nov 1844
Died:
4 Apr 1929

➔ “ HE
INVENTED
THE FIRST
MOTOR
CAR”

I DO NOT
KNOW THE
WORD QUIT
EITHER I
NEVER DID OR
I HAVE
ABOLISHED
IT”

-KARL BENZ

Mechanical Engineer Association (MEA)



**Mechanical Engineer Association
(MEA) Inauguration function on 25th
October 2016**

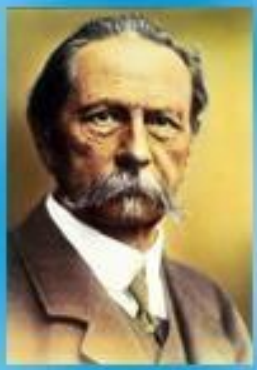


**Technical Seminar on ‘About
General Motors, Evolution of
Vehicle development and CAE &
Key CAE areas at GMTCI’ by Mr.
Jeevotham Bhat on 25th October 2016**



**Technical Seminar on ‘General
expectations & Art of Innovation’
by Mr. Sachin Rathi on 25th October
2016**





KARL BENZ

Born:
25 Nov 1844
Died:
4 Apr 1929

➔ “ HE
INVENTED
THE FIRST
MOTOR
CAR”

I DO NOT
KNOW THE
WORD QUIT
EITHER I
NEVER DID OR
I HAVE
ABOLISHED
IT”

-KARL BENZ

Conference Organized



International conference & South Indian Project Exhibition Inauguration function on **25th May 2017**



International Conference - MECHASTIC 2K17



Releasing of 1st Edition Newsletter for the year 2015-16 on **25th May 2017**



Project Exhibition

**MARTIN
COOPER**

Born:
26 dec 1928

➡ “ HE
INVENTED
THE MOBILE
PHONE ”

“THE BEST
WAY TO GET
PEOPLES TO
THINK
OUTSIDE THE
BOX IS NOT
CREATE THE
BOX IN THE
FIRST PLACE”

- Martin Cooper



South Indian Project Exhibition 2K17



Fire Project



Vehicle Project



Paper Pencil making Machine



Hydraulic project

Sports corner



**Joseph
Frederick
Engelberger**

Born:
July 26, 1925
Died:
Dec 1, 2015

➔ **“ FATHER
OF
ROBOTICS”**



Vijeth Lakshman shetty

• **Vijeth Lakshman shetty** secured the **2nd prize in Table Vault**, “*VTU Single Zone (State Level) Inter Collegiate Inter Zone Tournaments 2016-17*” held at **KLS VDRIT, Haliyal** from 20th to 22nd October 2016 .

• **Vijeth Lakshman shetty** secured the **2nd prize in Rings**, “*VTU Single Zone (State Level) Inter Collegiate Inter Zone Tournaments 2016-17*” held at **KLS VDRIT, Haliyal** from 20th to 22nd October 2016 .

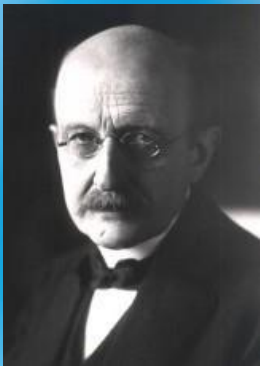
• **Vijeth Lakshman shetty** secured the **3rd prize in High Bar** “*VTU Single Zone (State Level) Inter Collegiate Inter Zone Tournaments 2016-17*” held at **KLS VDRIT, Haliyal** from 20th to 22nd October 2016 .

• **Vijeth Lakshman shetty** secured the **2nd prize in Parallel Bars**, “*VTU Single Zone (State Level) Inter Collegiate Inter Zone Tournaments 2016-17*” held at **KLS VDRIT, Haliyal** from 20th to 22nd October 2016 .



• **Vinayaka S Pradhu** played & Winner of Indo-Srilanka Throwball Match organized by Throwball Feberation of India, Amateur Throwball Association of Karnataka & Gopalan Sports Center India at Bangalore on 15th & 16th October 2016.





MAX PLANCK

Born:
23 Apr 1858
Died:
4 Oct 1947

➔ “THE FATHER
OF BLACK BODY
RADIATIONS”

“An experiment is
a question which
poses to nature,
and a measurement
is the recording of
natures answer”

-Max Plank



Farewell



KALPATARU INSTITUTE OF TECHNOLOGY . TIPTUR
FINAL YEAR B.E MECHANICAL ENGG
'A' SECTION 2016-17



KALPATARU INSTITUTE OF TECHNOLOGY . TIPTUR
FINAL YEAR B.E MECHANICAL ENGG
'B' SECTION 2016-17



Dr. APJ ABDUL KALAM

Born:
15 Oct 1931
Died:
27 July 2015

➔ “ HE WAS THE MISSILE MAN OF INDIA ”

“DREAMS IS NOT WHAT YOU SEE IN SLEEP.. IS THE THING WHICH DOESN'T LET YOU SLEEP”

-APJ KALAM

Campus Recruitment



Geotel Networks Pvt. Ltd.

Sharanaiah [1KI14ME418]	Skanda Nayak S P [1KI13ME098]
Manu G R [1KI13ME058]	Vinayaka N Aralikatte [1KI13ME114]
Punith Jain L [1KI13ME075]	Moirangthem Priyobarta Singh [1KI13ME062]
Shreyas B S [1KI13ME094]	HarshavardhanA K B [1KI13ME037]
Priyanka Wodeyar K P [1KI13ME073]	Kiran D [1KI13ME045]
Mallesh A N [1KI13ME053]	



Training & Development Center

Divya M S [1KI13ME028]

MOU & Training Details

- Skill Development Training Programme on Overhaul of 4-Stroke Diesel Engine Test Rig at skill development centre for all students of Mechanical engineering on February-March 2017.
- MOU with SMD Technology- Bangalore, successfully conducted Training Programme on CATIA-software for final year and pre-final year students (30 students) on Sept. 2016 to Nov. 2016.
- MOU with V-MEDHAS Technologies Pvt. Ltd-Bangalore to train the students in CREO and Solid works software for final year and pre-final year students (30 students) on March 2017 onwards.

Teaching Faculties



**RUDOLF
DIESEL**

BORN:
18 Mar 1858
DIED:
29 Sep 1913

➔ “HE
INVENTED
DIESEL
ENGINE”

“THE
AUTOMOBILE
ENGINE WILL
COME, AND
THEN I WILL
CONSIDER MY
LIFE’S WORK
COMPLETE”

RUDOLF DIESEL

Sl. No.	Faculty Names	Qualification	Designation
01	Dr. Viswanatha B.M.	M.Tech., Ph.D	Professor & HOD
02	Dr. Chandrashekharaiiah T M	M.Tech., Ph.D.	Professor
03	Dr. Kiran T S	M.Tech., Ph.D	Professor
04	Mr. Shivayogi M J	B E	Associate Professor
05	Mr. Siddalingaprasad T S	M.E., (Ph. D)	Associate Professor
06	Mr. Eshwaraiah K S	M.Tech	Associate Professor
07	Mr. Aradhya S M	M.Tech	Associate Professor
08	Mr. Basavaraj Ganiger	M.Tech. (Ph. D)	Associate Professor
09	Mr. Mallikarjuna G B	M.Tech.	Assistant Professor
10	Mr. Deepak Kumar N Y	M.Tech.	Assistant Professor
11	Mrs. Mamata Sarangamath	M.Tech.	Assistant Professor
12	Mr. Rohithkumar H V	M.Tech.	Assistant Professor
13	Mr. Dileep H B	M.Tech.	Assistant Professor
14	Mr. Mahanthesh G	M.Tech.	Assistant Professor
15	Mr. Sandeep K	M.Tech.	Assistant Professor
16	Mr. Narendra Kumar S C	M.Tech.	Assistant Professor
17	Mr. Harikesha C R	M.Tech.	Assistant Professor
18	Mr. Madhu P S	M.Tech.	Assistant Professor
19	Mrs. Naveen Kumari M.E	M.Tech.	Assistant Professor
20	Mr. Sanjay H M	M.Tech.	Assistant Professor
21	Mr. Brijesh C	M.Tech.	Assistant Professor
22	Mr. Ajay C K	M.Tech.	Assistant Professor
23	Mr. Pruthwiraj J M	M.Tech.	Assistant Professor
24	Mr. Manjunath Channappagoudra	M.Tech.	Assistant Professor
25	Ms. Pallavi B A	M.Tech.	Assistant Professor
26	Mr. Anil K	M.Tech.	Assistant Professor



**RUDOLF
DIESEL**

BORN:
18 Mar 1858
DIED:
29 Sep 1913

→ “HE
INVENTED
DIESEL
ENGINE”

“THE
AUTOMOBILE
ENGINE WILL
COME, AND
THEN I WILL
CONSIDER MY
LIFE’S WORK
COMPLETE”

RUDOLF DIESEL

Non-teaching Faculties

Sl. No.	Names	Designation
01	Siddagangappa	Foreman
02	Nataraj N R	Instructor
03	Rupa M V	Instructor
04	Puttaswamy T	Mechanic
05	Lohith K N	Asst. Instructor
06	Sunil S	Asst. Instructor
07	Manjunath S	Mechanic
08	Vishwanatha T N	Mechanic
09	Rajashekar M N	Mechanic
10	Chethan Kumar N R	Mechanic
11	Lokanath T G	Mechanic
12	Ranganaswamy K M	Mechanic
13	Vinodkumar	Mechanic
14	Rajashekar H V	Helper
15	Kumaraiah C R	Helper

From Editorial desk

We, at the editors’ desk, take immense pleasure in presenting this News Letter of our Mechanical Department. Department of Mechanical Engineering has successfully completed 25 years of dedicated service in the field of technical education. Significant progress has taken place in our Mechanical Department during the period 2016-17 and all those developments have been sincerely highlighted in this edition. Achievements in the field of academics and Non-academics by the students as well as the faculty members are very encouraging and have been given due importance in this edition.

Editorial committee:

Dept of Mechanical Engineering

Dr. Vishwanath B M, Professor & HOD

Mr. Shivayogi M J, Associate Professor

Dr. Kiran T S, Professor

Mr. Sandeep K, Assistant Professor

Mr. Shashi, Alumni

Management of Kalpataru Vidya Samsthe[®]

President



Sri P. K. Thipperudrappa
President
Kalpataru Vidya Samsthe

Treasurer



Sri. T S Shivaprasad
Treasurer
Kalpataru Vidya Samsthe

Vice Presidents



Late Sri. T M Chandrashekhar
Vice President



Sri. S S Natraj
Vice President



Sri. G K Prabhu
Vice President

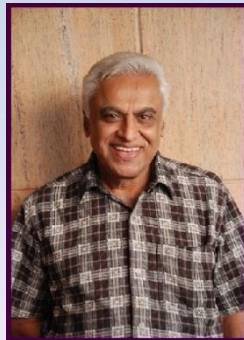


Sri. A M Chandrashekaraiah
Vice President

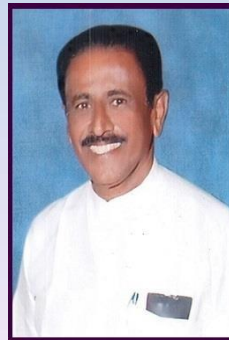
Secretaries



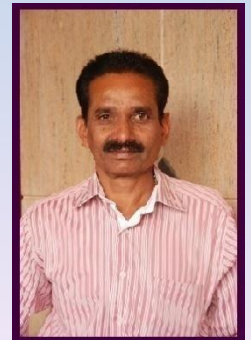
Prof. Rajakumar
Secretary



Sri. B R Vishwanath
Secretary



Sri. K P rudramuniswamy
secretary



Sri. T U Jagadeeshamurthy
Secretary