

VEERASAIVA VIDYAVARDHAKA SANGHA'S  
RAO BHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI



# YANTRIKA

DEPARTMENT OF MECHANICAL ENGINEERING



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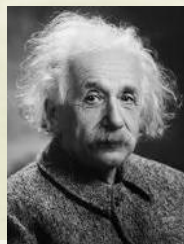
## INAUGURATION OF ALBERT EINSTEIN STATUE



Albert Einstein statue was inaugurated in the college campus by the National Board of Accreditation Committee (NBA), which visited the institution on 17 February 2017. This was carried out to develop, nurture and educate the engineering students of the institution by keeping Einstein as the role model. The team of committee members expressed deep sense of happiness and gratitude towards the effort contributed in building the carriers of the students.

## ALBERT EINSTEIN

Albert Einstein (14 March 1879 – 18 April 1955) was a German-born theoretical physicist.



Einstein developed the theory of relativity, one of the two pillars of modern physics (alongside quantum mechanics). Einstein's work is also known for its influence on the philosophy of science. Einstein is best known by the general public for his mass-energy equivalence formula  $E = mc^2$  (which has been dubbed "the world's most famous equation"). He received the 1921 Nobel Prize in Physics "for his services to theoretical physics, and especially for his discovery of the law of the photoelectric effect", a pivotal step in the evolution of quantum theory.

Near the beginning of his career, Einstein thought that Newtonian mechanics was no longer enough to reconcile the laws of classical mechanics with the laws of the electromagnetic field. This led him to develop his special theory of relativity during his time at the Swiss Patent Office in Bern (1902–1909), Switzerland. However, he realized that the principle of relativity could also be extended to gravitational fields and—with his subsequent theory of gravitation in 1916—he published a paper on general relativity. He continued to deal with problems of statistical mechanics and quantum theory, which led to his explanations of particle theory and the motion of molecules. He also investigated the thermal properties of light which laid the foundation of the photon theory of light. In 1917, Einstein applied the general theory of relativity to model the large-scale structure of the universe.

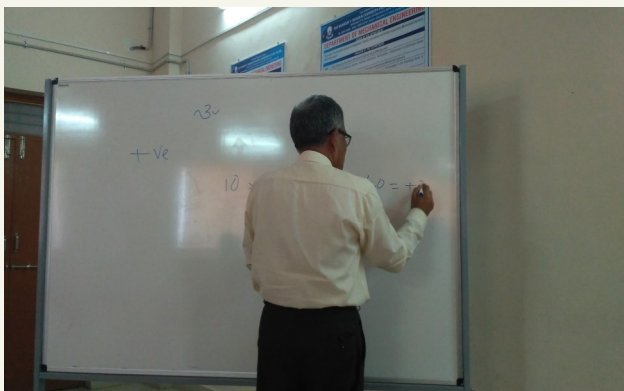
*Albert Einstein*

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## FACULTY PROGRAMS

### INVITED TALK



Invited talk on 'Role of Teachers in Society' by Shri V. V. Venkataramana Shastry, World Teachers Trust, Vishakapatnam was organized in the department seminar hall on 3 March 2017.

### INVITED TALK



One day invited talk on "Reengineering-The life style" by Poojya Sri Swamy Chidrupananda Saraswati in Association with Vivekathorana

## PAPERS PUBLISHED BY FACULTY

Sl. No	Title of Paper	Publication details
<b>Dr. Hiregoudaru Yerrennagoudaru, Manjunatha K</b>		
01	Numerical Investigation and Fatigue Life Estimation of Conventional and Modified Piston of Diesel Engine	Vol. 5, No. 2, May 2017, Pg142- pg145, IJMMM 2017
<b>Dr. K Veeresh, Veerbhadrapa Algur, Vithal Rao Chavan</b>		
02	Effect of the Tribological Behavior of Hematite Filled Hybrid Composites – A Taguchi Approach	ISSN: 2454-8006 [Vol. 03, Issue 4, May -2017], IJASRE
<b>Dr. Shiva Kumar Modi, Vaddin Chetan</b>		
03	Investigation On The Effect Of Moisture Content And Temperature On Specific Heat Of Cucumis Melo (Muskmelon)	Volume 8, Issue 4, April 2017, pp. 448–455; ISSN Online: 0976-6359; IJMET
<b>Dr. A Thimmana Gouda, Jagadish S P</b>		
04	Fabrication and Investigation of Tensile and Bending–Mechanical and Oxidative Biodegradation Properties of Hybrid Natural Fibre Reinforced Bio-Composites	Volume 8, Issue 1, January 2017, pp. 01–14, IJMET
<b>Dr. Chitriki Thotappa</b>		
05	HRM Practices in IT Sector: An Empirical Study of Wipro Infotech, Bangalore.	IJME , ISSN 2321-6441, Impact factor (2016) 3.8, Volume 5, Issue 1, January 2017, pp. 1-4.
06	A study on evaluation of factory relocation at tyresoles Hyderabad Pvt. Ltd.	IJMJ , ISSN 2321-645X, Impact factor (2016) 3.8, Volume 5, Issue 3, March 2017, pp. 1-4.
07	Improving efficiency of Zinc coating section of continuous galvanizing production line using quality tools	IJRET, P-ISSN 2321-7308, Volume 6, Issue 6, pp. 73-76 June 2017.
08	Design & Analysis of Orifice Bypass Arrangement System	IJSER, ISSN 2229-5518, Volume 8, Issue 6, June 2017.
<b>Mahendra K C, Virupaksha Gouda H</b>		
09	Effect of Chemical Composition on Impact Strength of Steel	ISSN: 2321-9653, IJRASET, DOI:10.22214 Issue V, May 2017
10	Hot Metal De-Sulphurisation by KR Process	ISSN: 2321-9653, IJRASET, DOI:10.22214, Issue V, May 2017



## FACULTY ACTIVITIES

ಪರಮಹಂಸ

ಮಾತು ಮಧುರವಾಗಲಿ  
ಮನಸು ಹಗುರವಾಗಲಿ  
ಮಧುರಮಾತು ಗೀತೆಯಾಗಿ ಹೃದಯ ತುಂಬಿ ಹಾಡಲಿ

ಮನಸು ಮಧುರವಾಗಲಿ  
ಹೃದಯ ಹಗುರವಾಗಲಿ  
ಮಧುರ ಮನಸು ಮಲ್ಲಿಗೆಯಾಗಿ ನಿನ್ನ ಮುಡಿಯನೇರಲಿ

ಹೃದಯ ಮಧುರವಾಗಲಿ  
ದೇಹ ಹಗುರವಾಗಲಿ  
ಮಧುರ ಹೃದಯ ತಿಲಕವಾಗಿ ನಿನ್ನ ಹಣೆಯನೇರಲಿ

ದೇಹ ಮಧುರವಾಗಲಿ  
ಆತ್ಮ ಹಗುರವಾಗಲಿ  
ಮಧುರ ದೇಹ ಶುದ್ಧಿಯಾಗಿ ನಿನ್ನ ಸಂಗಬಯಸಲಿ

ಆತ್ಮ ಮಧುರವಾಗಲಿ  
ಸಾಕ್ಷಾತ್ಕಾರ ಹಗುರವಾಗಲಿ  
ಮಧುರ ಆತ್ಮ ಶುದ್ಧಿಯಾಗಿ ನಿನ್ನ ಆತ್ಮ ಸೇರಲಿ

ಸಾಕ್ಷಾತ್ಕಾರ ಮಧುರವಾಗಲಿ  
ಮೋಕ್ಷ ಹಗುರವಾಗಲಿ  
ಮಧುರ ಸಾಕ್ಷಾತ್ಕಾರದಿಂದ ಶುದ್ಧ ಆತ್ಮಗಳೆರಡು  
ಪರಮಹಂಸವಾಗಲಿ

ನನ್ನ ಕನ್ನಡ

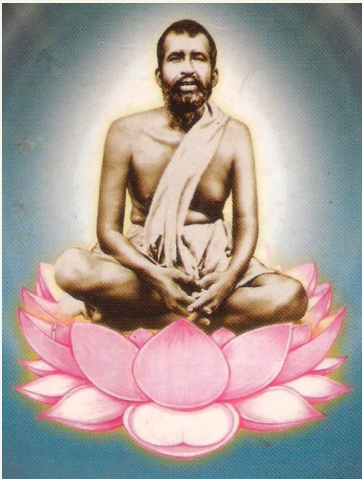
ನನ್ನಯ ನಾಡು ನಲೈಯ ನಾಡು  
ಎಲ್ಲರ ನೆಚ್ಚಿನ ಹಸಿರಿನ ಬೀಡು  
ಕವಿ ಕೋಗಿಲೆಗಳು ಜನಿಸಿದನಾಡು  
ಇದುವೇ ನನ್ನಯ ಕನ್ನಡನಾಡು

ನನ್ನಯ ನೆಚ್ಚಿನ ನಲೈಯ ತಾಯಿ  
ಎಲ್ಲರನು ರಕ್ಷಿಸುವ ಕರುಣಾಮಯಿ  
ಬೇಧ ಭಾವವಿಲ್ಲದ ಕೋಮಲ ಹೃದಯಿ  
ಅವಳೇ ನನ್ನಯ ಕನ್ನಡ ತಾಯಿ

ನನ್ನಯ ನೆಚ್ಚಿನ ನಲೈಯ ಭಾಷೆ  
ಅಂದದ ಚಿಂದದ ಸುಂದರ ಭಾಷೆ  
ಎಲ್ಲರ ಮನವನು ತಣಿಸುವ ಭಾಷೆ  
ಅದುವೇ ನನ್ನಯ ಕನ್ನಡ ಭಾಷೆ

ನನ್ನಯ ನೆಚ್ಚಿನ ನಲೈಯ ಜನರು  
ನಡೆನುಡಿ ಸಂಸ್ಕೃತಿಗೆ ಹೆಸರಾದ ಜನರು  
ಮೋಸ ವಂಚನೆ ಅರಿಯದ ಜನರು  
ಅವರೇ ನನ್ನಯ ಕನ್ನಡ ಜನರು

Written by:  
Sri. Kotresh Sardar  
Assistant Professor  
Mechanical Engineering





### STUDENT ACHIEVEMENTS



**Students of VI Semester Mechanical Engineering Participated in Automotive Styling Boot Camp from 14th to 21st January 2017 at JSS Academy of Technical Education Bangalore**



**STUDENT ACHIEVEMENTS**



02-04-17 12:07



02-04-17 12:06



02-04-17 11:59



02-04-17 11:48

**Students of VI Semester Mechanical Engineering Participated in LEAD Action to initiate the value of Education among the Village School Children. Children were taught the Values and Moral Responsibility in the Society and they were Educated to seek Education.**

**BEST INTERN AWARDS**



**Sachin T**  
VI Semester



**Sanath Kumar C M**  
VI Semester



**Akhil Kumar S**  
VI Semester



**Students of VI Semester Mechanical Engineering bagged the Best Intern Award at Automotive Styling Boot Camp Conducted at JSS Academy of Technical Education Bangalore on 14 to 21 January 2017**



**J S W S T U D E N T I N T E R N S H I P**



**Students of VI Semester Mechanical Engineering Participated in One Week Training Program on Thermal Power Plant Familiarization at JSW Energy Center of Excellence, Toranagallu, Ballari on 23rd to 28th January 2017**

**S E M I N A R**



**Student Seminar on 'Indhan Samrakshan ki Zim-medari, Jan Gan ki Bhagidari' by Indian Oil Corporation was organized in the department seminar hall on 13 February 2017**

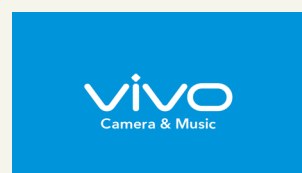


**One Day students seminar on CAD/CAM/CAE (UG-NX) was conducted in department seminar hall on 17 March 2017**

## CONSOLIDATED REPORT OF PLACEMENTS

Sl. No	COMPANY	Students Placed
1	TCS, Bangalore	07
2	SLK Software Solutions, Bangalore	02
3	WELDCRAFT	01
4	Sriram Transport Finance, Chennai	05
5	CMSIT, Bangalore	17
6	Tech Mahindra, Chennai	14
7	Silver Peak Global, Japan	16
8	VIVO Technologies, China	02
9	Technologics, Bangalore	01
10	SandCube Analytics Pvt. LTD	12
	<b>TOTAL</b>	<b>77</b>

# Tech Mahindra





### STUDENT ACTIVITIES



**CADMAXX design Aptitude Test was conducted for IV and VI semester students in the department on 6 March 2017**

### POOL CAMPUS



**Students of VIII semester attended the Pool Campus by CADMAXX Solutions at PDIT Hospet on 3 May 2017**

### FAREWELL FUNCTION



**Department of Mechanical/IPE organized "Farewell" for the students of final year students of Mechanical/IPE Engineering on 28<sup>th</sup> June 2017**



# STUDENT ACTIVITIES

## SWATCH BHARAT ABHIYAN



Swatch Ballari part of Swatch Bharath Abhiyan was conducted by students of VI semester Mechanical Engineering forming a group S.A.V.E (Step Against Vandalizing of Environment)



# STUDENT ACTIVITIES

## INAUGURATION OF STUDENT FORUM



Student Forum was Inaugurated on 26<sup>th</sup> May 2017 in Department Seminar Hall



## RETIREMENT FUNCTION



**Sri. M Prabhu & Sri. H M Mallikarjuna**  
Mechanic, Department of Mechanical Engineering has served our institution for 33 years and retired from the service on 30th June 2017.

*'Wishing you good health and peaceful life'*

### VISION OF THE DEPARTMENT

To Produce Professionally Excellent and Globally Competent Technocrats needed to Meet the Challenges in the Emerging Fields of Mechanical Engineering

### MISSION OF THE DEPARTMENT

- To provide quality education in Mechanical Engineering and Management.
- To Establish a Continuous Industry Institute Interaction, Participation, Collaboration to Contribute Skilled Mechanical Engineers
- To Impart Human, Socio-Ethical values and Entrepreneur skills among Mechanical Engineers
- To Promote Research and Development (R & D) and Innovative Technologies in the Emerging Areas of Mechanical Engineering

### PROGRAM EDUCATIONAL OBJECTIVES

PEO1	Graduates of Mechanical Engineering shall Develop Strong Academic Foundation for Successful Professional Career.
PEO2	Graduates of Mechanical Engineering Acquires skills to excel in the area of Mechanical Engineering both in Industries and Academics.
PEO3	Graduates of Mechanical Engineering Possess awareness towards Higher Education, R & D and Socio-Ethical values.

### PROGRAM SPECIFIC OUTCOME'S

PSO 1	Graduates are able to Design, Analyze and Develop Mechanical Systems.
PSO 2	Graduates are Capable of Developing Research Skills in Self Sustainable Energy sources and Composite Materials.