



NEWS LETTER 2013-14



DEPARTMENT OF MECHANICAL ENGINEERING

June



Volume-02



HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI

Tal.: Hukkeri

Dist.: Belgaum



Winners do not do the different things;
They do the things differently



Never stop learning; because Life never stops teaching....

NEWS LETTER 2013-14

FROM PRINCIPAL'S DESK

I am very much delighted to learn that the Department of Mechanical Engineering is bringing out the Departmental News Letter. A News Letter is a compendium of the departmental activities, faculty, staff, and students achievements for a specified period. Such publication helps in recognizing, appreciating, and recording the contributions made by the concerned people in the department. I congratulate the Head of the Department Prof. S B Yapalaparvi, the members of the Editorial Board, and the faculty, staff, and students of the department for bringing out the News Letter. I am sure that this novel task will be continued periodically hereafter. I congratulate all the achievers and wish all the readers of the News Letter Happy Reading.



We build **THOSE Machines** that **Build YOUR Machines**

FROM HOD'S DESK



There are many measures that can be used to assess the quality of an academic department. In this issue of news letter for the year 2013-14, we shine a spot light on most of the most important events which gauge our success in the Department of Mechanical Engineering. The achievement of the nearly 500 students who are actively pursuing the degree is highlighted here. This news letter showcases some of the students' impressive academic results, their out reach to the community, their honors and awards and their hopes of the future. I hope you will be inspired by these students' ambitious and incredibly diverse accomplishments and that our students continues to exceed expectations. These outstanding students truly represent the success stories of tomorrow. Our faculty section of this news letter highlights the faculty members innovative courses and leading edge research that are expanding our capabilities in the existing area such as Thermal Engineering, Material Science, Alternative Energy, CAD/CAM & Robotics and Design Engineering.

Machines rule the World; We rule the Machines

FROM CHIEF EDITOR'S DESK

I am extremely happy to place before you the Department News Letter for the year 2013-14. The news bulletin gives informative details of department activities and achievements by AIMSS family. I thank and congratulate the students and staff members for their participation and success in various events and competition; which became the rich content for the news letter. I wish all the best to all my students.



NEWS LETTER 2013-14

Faculty Members

NAME	DESIGNATION	EXP.	QUALIFICATION
Dr. N.C. Hiremath	Principal	26	Ph.D.
Dr. S.A. Alur	Professor	21	Ph.D.
Prof. S.B. Yapalaparvi	HOD	25	M.Tech.
Prof. L.K. Ingalagi	Asst. Professor	22	M.E.
Prof. G.A. Naik	Asst. Professor	18	M.Tech.
Prof. S.A. Mehta	Asst. Professor	12	M.E.
Prof. S.N. Topannavar	Asst. Professor	15	M.Tech. (Ph.D.)
Prof. D.N. Inamdar	Asst. Professor	13	M.Tech.
Prof. R.K. Chitgopkar	Sr. Lecturer	22	M.Tech.
Prof. A.S. Reddy	Asst. Professor	10	M.Tech. (Ph.D.)
Prof. K.M. Akkoli	Sr. Lecturer	11	M.Tech. (Ph.D.)
Prof. G.V. Chiniwalar	Sr. Lecturer	12	M.Tech.

NAME	DESIGNATION	EXP.	QUALIFICATION
Prof. S.R. Kulkarni	Sr. Lecturer	06	M.Tech.
Prof. M.S. Futane	Sr. Lecturer	10	M.Tech.
Prof. S.A. Goutadi	Sr. Lecturer	06	M.Tech.
Prof. M.M. Shivashimpi	Sr. Lecturer	07	M.Tech.
Prof. T.S. Vandali	Lecturer	14	M.Tech.
Prof. C.I. Ambiger	Lecturer	03	M.Tech. (Ph.D.)
Prof. M.A. Hipparragi	Lecturer	05	M.Tech.
prof. A.M. Biradar	Lecturer	04	M.Tech.
Prof. S.B. Awaje	Lecturer	02	M.Tech.
Prof. N.M. Ukkali	Lecturer	02	M.Tech.
Prof. M.R. Ingalagi	Lecturer	01	M.Tech.
Prof. M.I. Tanodi	Lecturer	02	B.E. (M.Tech.)

Technical Supporting Staff

NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. V. G. Badiger	Foreman	17	D.M.E.
Shri. R. M. Hunchyalli	Instructor	15	D.M.E.
Shri. S. C. Jotawar	Instructor	14	D.M.E.
Shri. S. R. Nakadi	Instructor	26	D.M.E.
Shri. M. B. Badiger	Asst. Instructor	17	(D.M.E.)
Shri. B. S. Badiger	Mechanic	19	S.S.L.C.
Shri. C. B. Patil	Mechanic	12	I.T.I.

NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. A. B. Sankeshwari	Foreman	17	D.M.E.
Shri. R. B. Kumber	Instructor	14	D.M.E.
Shri. P. S. Gujar	Asst. Instructor	07	D.M.E.
Shri. G. C. Kadlimatti	Instructor	05	D.M.E.
Shri. M. B. Bairewadi	Assit. Instructor	20	J.L.C.
Shri. D. R. Baciger	Mechanic	19	S.S.L.C.

Supporting Staff

NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. C. S. Sooji	Helper	17	S.S.L.C.
Shri. B. T. Koli	Helper	18	S.S.L.C.
Shri. G. M. Hirekodi	Helper	18	S.S.L.C.

NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. V. T. Yeduri	Peon	18	S.S.L.C.
Shri. P. S. Pimpalgavi	Peon	18	S.S.L.C.

Department of Mechanical Engineering, HIT, Nidasoshi



MECHANICAL ENGINEERING DEPARTMENT

About Department

The department of Mechanical Engineering was established in the year 1996 with an intake of 60 students & the present intake is 120. The department has qualified & experienced teaching faculty with state of the art infrastructure and modern teaching aids catering to the needs of VTU curriculum.

Mechanical Engineering Department offers courses and laboratory training in the area suitable for the current need. The department takes up technical problems of industrial as final year students projects and offers solutions. Many students projects received appreciations and awards.

In its 18th year of fruitful existence, the institute is planning for PG Courses and Research centers in every department year after year. As an outcome of this initiative a PG course M. Tech. (Thermal Engineering) in the department of mechanical engineering has been sanctioned by AICTE for the academic year 2014-2015. The first batch will commence from August 2014. The approval for Research Center in MED from VTU is awaited.

◆ VISION ◆

To become a leader in providing quality and affordable technical education in the domain of Mechanical Engineering Sciences.

◆ MISSION ◆

To produce and provide ethical, innovative, professional and socially responsible Mechanical Engineers to the quality and cost conscious world.



Department Toppers

2nd Semester Toppers



Venkatesh Katagi
83.23% (1st Rank)



Sarang Mutalik
76.00% (2nd Rank)



Mahesh Manur
79.90% (3rd Rank)

4th Semester Toppers



Uttam Patil
81.44% (1st Rank)



Rangappa Hodage
80.90% (2nd Rank)



Sandesh Panhalkar
79.90% (3rd Rank)

6th Semester Toppers



Basappa Dalawai
79.88% (1st Rank)



Bhausaheb Patil
76.88% (2nd Rank)



Prajyot Chougule
76.44% (3rd Rank)

8th Semester Toppers



Nagaraj Naik
83.46% (1st Rank)



Girish Dangi
82.93% (2nd Rank)



Ajay Ghorpade
82.40% 93rd Rank)

Department Toppers

1st Semester Toppers



Ravikiran Rudrapur
78.45%(1st Rank)



Praveen Totagi
76.38% (2nd Rank)



Malagouda Patil
75.87% (3rd Rank)

3rd Semester Toppers



Mahesh Manur
78.44%(1st Rank)



Venkatesh Katagi
76.44% (2nd Rank)



Akshay Patil
74.89% (3rd Rank)

5th Semester Toppers



Uttam Patil
77.77% (1st Rank)



Mahantesh Nesaragi
76.55% (2nd Rank)



Narayanraddi Meti
75.88% (3rd Rank)

7th Semester Toppers



Basappa Dalawai
84.22% (1st Rank)



Zakirurahaman M
88.22% (2nd Rank)



Vinayak Parit
82.77% 93rd Rank)

NEWS LETTER 2013-14

STUDENTS' ACHIEVEMENTS IN TECHNICAL PAPER PRESENTATION

Sr. No.	Title of Paper	Author(s)	Name of Events	Venue	Date	Prize	Level
1	Aquatic Robotics	Prajyot Chougule Nikhil Shamanewadi	Reflex 2K13	AMGOI, Vadagaon	16-03-2013	Second	National
2	Aquatic Robotics	Prajyot Chougule Nikhil Shamanewadi	Eureka 2K13	TKIET, Warananagar	21-09-2013	Third	National
3	Design of Advance Solar Water Heater	Jeevan Sadalage Pavan Gourai				First	National
4	Thermal Optimization of Fan Assisted HE by design improvement	N Matti M. Naushad	HIT QUEST - 2013	HIT, Nidasoshi	21-09-2013 To 22-09-2013	Second	National
5	Algea as Biofuel	Sagar Chougale				Second	National

PRIZES IN TECHNICAL EVENTS

Sr. No.	Title	Author(s)	Name of Events	Venue	Date	Prize	Level
1	3D Modeling	Prashant Anantpoure			21-09-2013 TO 22-09-2013	Second	National
2	TURN IT	Amol Kochari	HIT	HIT,	21-09-2013 TO 22-09-2013	First	National
3	Techno Quiz	Uttam Badakar Basavraj M	QUEST - 2013	Nidasoshi	21-09-2013 TO 22-09-2013	First	National
4	Techno Quiz	Padmakumar B Kiran C			21-09-2013 TO 22-09-2013	Second	National
5	Race to Win	Nikhil Kharade Ranajeet A Desai	Nirmitti 2014	PVP Institute of Technology, Bhudhgaon, Sangli	20-04-2014 TO 21-04-2014	Second	National
6	Robo Sumo	Shivaraj Patil Sushant Deshkukh Sumit Kulkarni Shivraj Patil	Radiance 2014	IIT, Bombay	09-03-2014	-	National
7	Technical Quiz	Ajay Kamble Akshay Adannavar	Praxis 2K14	KLECEET, Chikodi	27th & 28th March 2014	First	National
8	Technical Quiz	Rakesh R. Gurav Santosh B. Patil	Praxis 2K14	KLECEET, Chikodi	27th & 28th March 2014	Second	National
9	3 D Modeling	Sachin Hotakar	Praxis 2K14	KLECEET, Chikodi	27th & 28th March 2014	Second	National
10	Robo War	Sushant Deshmukh Shivraj Patil Madhav Kulkarni Abhijit Patil	Ojas'14	MMEC, Belgaum	4th & 5th April, 2014	First	National
11	Kurukshehra	Akshay Ghuli Hardik Peshawerya Ashwin Shekhar	Pleiades 2014	BVBCET, Hubli	3rd to 5th April 2014	Second	National

NEWS LETTER 2013-14

Awards in Project Competitions

Sr. No	Title	Author(s)	Name of Event	Venue	Date	Prize	Prize
1	Propelling Tricycle Using Steering Column	Mr. SHIVARAJ S MAHAJAN Mr. SIDDAPPA I ARAGANJI Mr. SOMALING B KOTI Mr. YOGESH M SUMARE	Students Innovation Challenge 2014	International Society for Scientific Research and Development, Bangalore.	21st May 2014	Best Project Award	National Level

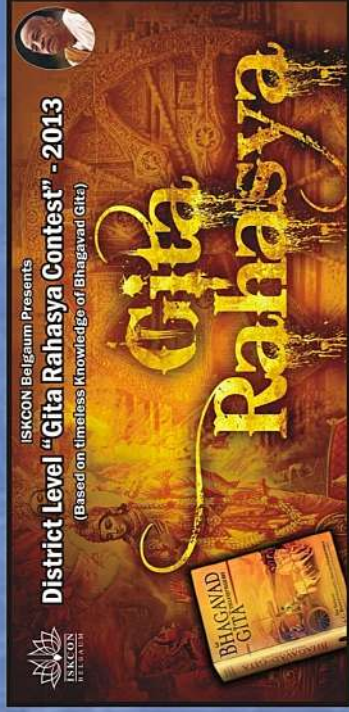
PRIZE WINNERS UNDER AIMSS ACTIVITIES

Sr. No	Event	USN	Name of Student	Semester	Div	Prize
1	Idea Presentation	2HN10ME019	Jeevan Sadalage	VIII	A	First
		2HN10ME057	Rakesh R Lagale	VIII	B	Second
2	Pick & Speak	2HN11ME044	Mahantesh G Nesaragi	VI	A	First
		2HN10ME047	Pavan Mallappa Gourai	VIII	A	Second
3	Group Discussion	2HN10ME026	Mahesh B Kulkarni	VIII	A	First
		2HN10ME036	Mohamad Naushad Rafiq	VIII	A	Second
4	Mock Interview	2HN09ME022	Ghuli Akshay Aravind	VI	B	First
		2HN10ME019	Jeevan Sadalage	VIII	A	Second
5	Project Exhibition	2HN10ME084	Vinayak R Parit	VIII	B	First (Production)
		2HN10ME089	Z A Mujawar		B	
		2HN11ME417	Suresh G Alloikar		B	
		2HN10ME068	Shivakumar N Kadam		B	
6	Project Exhibition	2HN10ME071	Shivaraj S Mahajan	VIII	B	First (Design)
		2HN10ME072	Siddappa I Araganji		B	
		2HN10ME073	Somaling B Koti		B	
		2HN10ME086	Yogesh M Sumare		B	
6	Project Exhibition	2HN10ME008	Ashwin Shekhar	VIII	A	First (Thermal)
		2HN10ME040	Omkar Gaikwad		A	
		2HN10ME041	Omkar V Shinde		A	

Details of Industrial Visits

S No	Name of Industry Visited	Date of Visit	Semester	Coordinators	Purpose
1	KPTCL LTD , Alamatti	12 th September 2013	V Sem (A & B)	Prof. K M Akkoli Prof. M M Shivashimpi Prof. C I Ambiger	To understand the working of Kaplan Turbine in Power Plant

PARTICIPANTS OF GITA RAHASYA CONTEST



**“Be so busy improving yourself
that you have no time to
criticize others”**

SR. NO.	NAME OF THE PARTICIPANT
1	Shri. Krishan Kanhaiya
2	Shri. Pradeep A. Sankeshwari
3	Shri. Nikhil Samnewadi
4	Shri. Prayot S. Chougule
5	Shri. Sidappa I. Araganji
6	Shri. Prasad Anantapure
7	Shri. Jeevan Sadalge
8	Shri. Pavan Gourai
9	Shri. Mantesh D. Kurane
10	Shri. Omkar V. Shinde
11	Shri. Vinayak K. Patil
12	Shri. Sagar K. Narvekar
13	Shri. Omkar S. Gaikwad

• Co-ordinator •

Prof. S. B. Yapalaparvi

REPORT ON LEAD PRAYANA 2014

Out of 400+ applications for Prayana Journey, 117 participants were being selected, in which from our H.I.T College 5 students were part of it namely Yogesh Torase, Saddam Kanwade, Kalyani Gorwade, Ajay Abdulpur and Vinayak Varavate.

LEAD PRAYANA is 14 day journey, travelling 1,800kms to interact with 12 Role Models throughout 9 locations. It's all about unleashing the Leadership Potential within oneself. It's here where we were explored Practical based learning's which inspired us with courage and confidence to become leaders and change the society for better.

Participants built the networking with Travel companions along the way through various bonding activities. We performed the street skits, Rallies and played many activities from which learned about Team Working, Communication Skills. By the interactive sessions with Role models, Speakers like Mr Prassana (Charaka and Desi Founder), Dr. Veerendra Heggade (Dharmadhikari,Dharmastala), Narayan Reddy(Organic Farmer), Mr Ramji Raghavan(Founder, Agastya International Foundation),Dr Gururaj Deshpande(Chairmen, Sparta Group LLC)etc we got inspired, motivated by their life stories, advices about identifying passion and channelling it to become entrepreneur and learnt how to overcome the problematic situation that may come in our future.

In Dharmastala, we spent the day at Swami Vivekananda Youth Moment(SVYM) by visiting the Hospital, Radio Station, and different schools run by SVYM. Also we had opportunity for sneak peek to Infosys (Mysore), Manipal University. Participations were lucky enough to spend two days in Agastya Foundation (Kuppam, AP). At Agastya, students gained excitement for learning through many hands on science projects. We also had NGO's visits to Akshay Patra, Kalkeri Sangeeth Vidyalaya, Siri etc and saw the Social Impacts created by them.





Feedback from Alumni

My journey of lifetime..... from the college where you also belong to !



**Mr. Ajay Murugod,
United States**

Hi, I am Ajay Prabhakar Murgod and this is my story - Born and brought up in the environment of Belgium, I completed my PUC in the busy heart of the city and dropped into HIT, Nidasoshi for my Mechanical Engineering. First day of my college when I reached the campus, I was very sad and said "This place is so isolated and how can I study here". I want to tell you my friends I WAS WRONG, god sends us in right place on right time and just we need to recognise the potential of situation.

My father told me never think what my college can give me, first try to give something to the college and definitely it will wrap its arms around you to make you a respectable man. This one thing lit a fire in me and I developed myself in every aspect i.e., academics & other things too. Slowly and steadily I grew up myself as a man of achievement and I can proudly say that it would never have been possible with the help of our entire department Faculty's. From Professor to Principal, from peon to lab assistant, I owe a big THANK YOU, for making my journey so fruitful.

Today, I am a PG in Product Design & Styling for Automotive Sector and have served the 6th largest Automotive parts manufacturer in globe "FAURECIA INTERIOR SYSTEMS" a French MNC which gave me the recognition of being an INNOVATION ENGINEER and as of today I am a proud owner of 3 patents in this organization which I designed for BMW, NISSAN & GENERAL MOTORS. Suddenly I get an opportunity to pursue my higher studies with support of my LEAD in my company and my journey to a dream life begins. I zeroed in some of the top league universities of USA and gave my exams and scored 87% which was too good. Later the part of big help came in, I need my professors, Principal, My company and HOD where I learnt to recommend me for my PG – MS in Industrial Engineering & I want to tell you friends the way I was helped made me remember my first day and proved my words wrong "This is the place where I had to come or else I would never have done it". Our Respected HOD Sir helped me get ready with all the papers and explained all my need to the Respected Principal Dr. N.C. Hiremath Sir & our Placement Officer Shri S.N. Topannavar Sir. All these people made it so simple and backed me up so nicely which I will never forget wherever I am. They sent their recommendations as soon as they received intimations from US universities and made the procedure quick.

As of today's date I have received my admission letter from my Dream University – Wayne State University, Detroit, Michigan, USA. My paper presentations and achievements done during my college have earned me a scholarship and a research assistantship worth INR-30 lakhs for 2 years and will be leaving India for 10 long years on July 28th 2014 to touch the clouds of success.

Do you think I was the only one who made it possible? NO my dear friends..... So I send my Sincere Thanks to all my gurus at the prestigious college of mine "Hirasugar Institute of Technology, Nidasoshi". I also thank some of the professors who always corrected me and pushed me to new horizons.

Lastly I just want to tell all my juniors – Listen clearly to every guidance what our teachers give us, because what I am today would never possible if I ignored them. They are the only one whom we will have to owe ourselves our lifetime. They don't need our money; they just need our goals to be accomplished. If we fail- we will hurt ourselves and even them and I promise you, nothing can be a bigger bad thing in life than this. They are ready only if we are, they are willing only if we are, their happiness lies in our success, their smiles lies in our achievements, their satisfaction lies in our endurance and accomplishments. Be happy, be an achiever, be a person filled with eager to learn. We are Mechanical Engineers – the seeds of tomorrow's growth – our potential is immeasurable, our skills are beyond imagination, we can be whatever we think, just you need to follow your heart – I promise you will be helped more than I was helped.



**Lieutenant . Harish Mugdum.
111 Engineers Regiment
56 /APO
INDIAN ARMY
College of Military Engineering
Pune.**

Heartily thank to the HOD, Mechanical Engineering Department and whole mechanical teaching faculty without whose teaching and support it would n't have been possible for me to achieve such a position and success.

I wouldn't miss the opportunity to quote the guidance and help of all the professors and lecturers which was worth gold. Also special thanks to Prof. G V Chiniwalar who helped me in the odd times of mine.











Sir, I request you to convey my heartfelt gratitude to all teachers.

STAFF DESK













Faculty Academic Performance 2012-13

Faculty members who have achieved 100% RESULT IN VTU EXAMS (Jun/Jul13)

Name of Faculty	Subject	Sem(Div)	Name of Faculty	Subject	Sem(Div)
 Prof. G. A. Naik	MM&M	IV (A)	 Prof. K. M. Akkoli	BMES	VIII (A & B)
 Prof. S.R. Kulkarni	SQC	VI(A&B)	 Prof. M. M. Shivashimpi	HP	VIII (B)
	IM	VIII (B)		IM	VIII(A)
 Prof. T S vandali	FEM	VI (B)	 Prof. C. I Ambiger	M & MP	VI (A)
 Prof. Anilkumar Biradar	AE	VIII (B)	 Prof. S.A.Hallad	FT	VIII (A)
	HP	VIII(A)		NTM	VI (A&B)
 Prof. Yohan Revanoor	FT	VIII (B)	 Prof. M. B. Barikar		

Faculty Academic Performance 2013-14

Faculty members who have achieved 100% RESULT IN VTU EXAMS (Dec13-Jan14)

Name of Faculty	Subject	Sem(Div)	Name of Faculty	Subject	Sem(Div)
 Prof. S. A. Mehta	EME	II (D)	 Prof. K. M. Akkoli	HP	VII (A)
 Prof. M.S. Phutane	TQM	VII (B)	 Prof. S. A. Goudadi	OR	VII (A & B)
 Prof. S. R. Kulkarni	PLCM	VII (B)	 Prof. M. A. Hipparagi	CIVIL	II (C & E)
 Prof. C. I. Ambiger	MP-III & HP	V(A)&VII	 Prof. N. M. Ukkali	E Eco.	VII (B)
 Prof. M. R. Ingalagi	MP-I & EE	III (A)& V(A)	 Prof. M. I. Tanodi	M & E	V (A)

The way to get started is to quit talking and begin doing

NEWS LETTER 2013-14

Seminar / workshop / STTP / FDP / Attended

Sr. No.	Name of Faculty	Name of the seminar/ workshop/short term courses/Faculty Development Programs etc.	Topic	Held at	Date
1	Prof. S. B. Yapalaparvi	State Level STTP	PLC Ladder Builder Programming & Automation	Maratha Mandal Polytechnic, Belgaum	1st To 5th July 2013
2	Prof. T. S. Vandali	National Level FDP	Finite Element Method in Structural Mechanics	SEA College of Engineering, Bangalore	5th To 8th August 2013
3	Prof. S. B. Yapalaparvi	National Level FDP	Quality Initiative in Technical & Higher Education Institutes	Engineering Staff College of India, Hyderabad	16th To 18th September 2013
4	Dr. N. C. Hiremath	National Level FDP	Quality Initiative in Technical & Higher Education Institutes	Engineering Staff College of India, Hyderabad	16th To 18th September 2013
5	Prof. M. M. Shivashimpi	National Level Workshop	Teaching Methodologies in Turbo Machines	Sambhram Institute Of Technology, Bangalore	26th To 27th September 2013
6	Prof. M. A. Hipparagi	National Level Workshop	Composite Material and their Application	Vijay Vittal Institute Of Technology, Bangalore	26th October 2013
7	Prof. T. S. Vandali	National Level Workshop	Modern Aspects of Intellectual solution on Publication and Personal Management	BEC , Bagalkot	7th December 2013
8	Prof. M. S. Futane	National Level Workshop	Modern Aspects of Intellectual solution on Publication and Personal Management	BEC , Bagalkot	7th December 2013
9	Prof. S. R. Kulkarni	National Level Workshop	Modern Aspects of Intellectual solution on Publication and Personal Management	BEC , Bagalkot	7th December 2013
10	Prof. Anilkumar Biradar	National Level Workshop	Modern Aspects of Intellectual solution on Publication and Personal Management	BEC , Bagalkot	7th December 2013
11	Prof. K. M. Akkoli	National Level FDP	Application of Renewable Energy Sources	IIT, New Delhi	11th To 17th December 2013
12	Prof. S. N. Topannavar	International Level Symposium	Micro/Nano Scale Heat transfer	PES Institute of Technology, Bangalore	26th To 27th December 2013
13	Prof. Ravi C	International Level Symposium	Micro/Nano Scale Heat transfer	PES Institute of Technology, Bangalore	26th To 27th December 2013
14	Prof. M. M. Shivashimpi	International Level Symposium	Micro/Nano Scale Heat transfer	PES Institute of Technology, Bangalore	26th To 27th December 2013
15	Prof. M. R. Ingalagi	International Level Symposium	Micro/Nano Scale Heat transfer	PES Institute of Technology, Bangalore	26th To 27th December 2013
16	Prof. Anilkumar Biradar	National Level FDP	Entrepreneurship	RV College of Technology, Bangalore	23rd Dec. 2013 To 4th January 2014
17	Prof. G. A. Naik	National Level FDP	Research Methodology Tools & Techniques	Dr. J. J. Magdum College of Engineering, Jaysingpur	7th To 11th January 2014
18	Prof. Sachin A. Mehta	National Level FDP	Research Methodology Tools & Techniques	Dr. J. J. Magdum College of Engineering, Jaysingpur	7th To 11th January 2014
19	Prof. S. R. Kulkarni	National Level FDP	Research Methodology Tools & Techniques	BEC, Banalkot	20th To 30th January 2014
20	Prof. G. V. Chiniwalar	National Level FDP	Advance Mechanics	IIT, Madras	3rd To 7th February 2014
21	Prof. S. N, Topannavar	International Conference	Harnessing Technology Skills for Employability	VTU, Belgaum	21st To 22nd February 2014
22	Prof. S. A. Goudadi	National Level FDP	Research Methodology & Teaching Methodologies & Motivational Skills	Shaikh College of Engineering, Belgaum	15th March 2014
23	Prof. Anilkumar Biradar	National Level Seminar	Entrepreneurship & Innovation	KLS IMER, Belgaum	08th To 09th May 2014
24	Prof. M. I. Tanodi	National Level Seminar	Entrepreneurship & Innovation	KLS IMER, Belgaum	08th To 09th May 2014

Research Papers Published

S No	Name of the faculty	Title of the Paper	Publication Volume & Issue	Impact Factor	Date	Level
1	Prof. G V Chiniwalar Prof. A S Reddy	Fabrication and Experimental Investigation of Composite Leaf Spring	Proceeding of International Conference on Design , Manufacturing & Mechatronics (ICDMM-2014)	---	10 th to 12 th January 2014	International Conference
2	Prof. S. B. Yapalaparvi Prof. M I Tarodi Prof. D.N. Inamdar Prof. G.V.Chiniwalar	Analysis of Trunk Door Seal of Circular Cross Section Using FEM	IJET ISSN: 2231-5381 Volume 9 no. March 2014,	0.6	3 rd March 2014	International
3	Prof. S. B. Yapalaparvi Prof. M I Tarodi Prof. D.N. Inamdar Prof. G.V.Chiniwalar	Gearless Power Transmission-Offset Parallel Shaft Coupling	IJERT, ISSN: 2278-0811 Volume. 3, Issue. 03, March 2014	1.6	14 th March 2014	International
4	Prof. S B Yapalaparvi Prof. M I Tanodi	Redesign & Thermal Analysis of Transfer Mold Tool	IJERT, EISSN:2319-1163 , PISSN: 2321-7308	1.9	17 th March 2014	International
5	Prof. A S Reddy	Fabrication and Testing of Composite Leaf Spring for Light Passenger Vehicle	IJCET, Special Issue 3,ISSN : 22774106	2.5	April 2014	International

AWARDS

S. No.	Name of the Faculty	Name of Competition	Title/Topic	Held at	Prize	Date
1	Prof. M M Shvashimpi	UMANG 2013 National Level Project Exhibition Contest	Domestic Mini Hydro Power Plant (Green UPS)	Shaikh College of Engineering, Belgaum	First	20 th - 21 st April 2013
2	Prof. S N Topannavar	National Level Technical Paper Presentation Contest	Demand Based Education	SJPN Trust's Polytechnic, Nidasoshi	Third	3 rd March 2014
3	Prof. S A Goudadi	Students Innovation Challenge 2014	Propelling Tricycle Using Steering Column	International Society for Scientific Research and Development, Bangalore	National Level Best Project Award	21st May 2014

NEWS LETTER 2013-14

Technical Papers Presented

Sr. No.	Name of Faculty	Name of the seminar/ workshop/short term courses/Faculty Development Programs etc.	Topic	Held at	Date
1	Prof. G. V. Chinwalar Prof. A. S. Reddy	International Conference	Fabrication and Experimental Investigation of Composite Leaf Spring	Trinity College of Engineering & Research, Pune	10th to 12th January 2013
2	Prof. S. B. Yapalaparvi Prof. M. I. Tanodi	National Level Seminar	Innovative Ideas for Innovative Teaching	S.J.P.N. Trust's Polytechnic, Nidasoshi	7th March 2013
3	Prof. M. S. Futane Prof. D. N. Inamdar	National Level Seminar	Industry Institute Inteaaction	S.J.P.N. Trust's Polytechnic, Nidasoshi	7th March 2013
4	Prof. M. S. Futane Prof. S. A. Mehta	National Level Seminar	Industry Institute Inteaaction	S.J.P.N. Trust's Polytechnic, Nidasoshi	7th March 2013
5	Prof. S. N. Topannavar	National Level Seminar	Demand Based Education	S.J.P.N. Trust's Polytechnic, Nidasoshi	7th March 2013
6	Prof. D. N. Inamdar	Dept. Level FDP	NBA Awareness	HIT, Nidasoshi	27th July 2013
7	Prof. T. S. Vandali	Dept. Level FDP	Finite Element Methods in Structural Mechanics	HIT, Nidasoshi	18th September 2013
8	Prof. G. A. Naik Prof. S. A. Mehta	Dept. Level FDP	Research Methodology Tools & Techniques	HIT, Nidasoshi	22nd January 2014
9	Prof. K. M. Akkoli	Dept. Level FDP	Application of Renewable Energy Sources	HIT, Nidasoshi	24th January 2014
10	Prof. S. N. Topannavar Prof. Ravi C Prof. M. M. Shivashimpi	Dept. Level FDP	Micro/Nano Scale Heat Transfer	HIT, Nidasoshi	25th January 2014
11	Prof. M. S. Futane Prof. T. S. Vandali Prof. S. R. Kulkarni Prof. Anilkumar Biradar	Dept. Level FDP	Modern Aspects Intellectual Solution on Publication and Personal Managements	HIT, Nidasoshi	4th February 2014
12	Prof. Anilkumar Biradar	Dept. Level FDP	Entrepreneurship	HIT, Nidasoshi	6th February 2014
13	Prof. G. V. Chinwalar	Dept. Level FDP	Advance Mechanics	HIT, Nidasoshi	22nd February 2014
14	Prof. M. A. Hipparagi	Dept. Level FDP	Composite Material and their Applications	HIT, Nidasoshi	22nd February 2014
15	Prof. S. N. Topannavar	College Level FDP	Harnessing Technology Skills For Employability	HIT, Nidasoshi	14th March 2014
16	Prof. S. B. Yapalaparvi Prof. M. I. Tanodi	National Conference on Recent Advances in Science & Technology	Gearless power Transmission-Z Pin Coupling	Bheemanna Khandre Institute of Technology, Bhalki	22nd to 23rd March 2014
17	Prof. M. I. Tanodi	National Level Seminar	L Pin Coupling	MMEC, Belgaum	4th & 5th April 2014

Faculty PhD Registration

Sr. No	Name of the Faculty	Area	Name of the Guide	Research Centre	University	Date
1	Prof. K. M. Akkoli	Energy Technology	Dr. P. B. Gangavathi	BEC, Bagalkot	VTU, Belgaum	Nov. 2013
2	Prof. C. I Ambiger	Tribology	Dr. V. R. Kabadi	BEC, Bagalkot	VTU, Belgaum	Nov. 2013
3	Prof. S. A. Hallad	Nano Technology	Dr. N. R. Banapurmath	BVCET, Hubli	VTU, Belgaum	Nov. 2013

NEWS LETTER 2013-14

Faculty as Resource Person

S No	Name of the Faculty	Name of the seminar/workshop/short term courses/Faculty Development Programs etc.	Topic	Held at	Date
1	Prof. M I Tanodi	College Level	Dummy Campus Interview	S.J .P.N Trust's Polytechnic, Nidasoshi	17th January 2014
2	Dr. S A Alur	National Level	Judge for Paper Presentation Contest	Marata Mandala Engineering College, Belgaum	4th & 5th April 2014
3	Prof. A S Reddy	National Level	Judge for Paper Presentation & Project exhibition Contest	C B Kore Polytechnic, Chikodi	5th April 2014

ISTE/Faculty Development Programs Organized

Sr. No	Topic	Date of Conduct	Resource persons and address	Program Coordinators	Participants
1.	Technological Advancement & New Trends in CNC Manufacturing	11th October 2013	Mr. Gurusam & Mr. Balmurgan, Kriatech Services Private Limited, Chennai	1. Prof. S. A. Mehta 2. Prof. M. S. Futane	Faculties from various Engineering Colleges of Karnataka & Maharashtra
2.	India and Digital Revolution & Energy Security & India	12th April 2014	Prof. Shivanand Kanavi, Hubli	Prof. G V Chiniwalar	All the department staff and students

Skill Development for Technical Staff

S No	Name of the faculty	Name of the seminar/workshop/short term courses/Faculty Development Programs etc.	Held at	Date
1	Sri. Prasad S Gujar	Solid Modeling Using Siemens (UGS) NX-8	Foreman Training Institute, Bangalore	20 th to 31 st January 2014
2	Sri. M B Badiger	Calibration of Mechanical Measuring Instruments & Gauges	Foreman Training Institute, Bangalore	24 th to 29 th January 2014
3	Sri. R M Hunachyali	CNC Turning Programming & Operation	Foreman Training Institute, Bangalore	27 th to 31 st January 2014

Seminars Presented by Technical Staff

S No	Name of the Technical Staff	Name of the seminar/workshop/short term courses/Faculty Development Programs etc.	Topic	Held at	Date
1	Sri. M B Badiger	Dept. Level FDP	Calibration of Mechanical Measuring Instrument and Gauges	HIT, Nidasoshi	30th January 2014
2	Sri. Prasad S Gujar	Dept. Level FDP	Solid Modeling Using Siemens (UGS) NX-8	HIT, Nidasoshi	11th February 2014
3	Sri. R M Hunachyali	Dept. Level FDP	CNC Turning Programming & Operation	HIT, Nidasoshi	11th February 2014

NEWS LETTER 2013-14

Other Activities Conducted under AIMSS

SL No	Topic of the seminar	Date of conduct	Resource person and a address
1	Idea Presentation Competition	16 th September 2013	Jury Members: Prof. L K Ingalagi, Assistant Professor, MED, HIT, Nidasoshi Prof. G A Naik Assistant Professor, MED, HIT, Nidasoshi
2	HIT QUEST -12	21 st -22 nd September 2013	National Level Technical Paper presentation
3	Turn IT	21 st -22 nd September 2013	National Level Technical Event
4	3-D Modeling	21 st -22 nd September 2013	National Level Technical Event
5	Techno Quiz	21 st -22 nd September 2013	National Level Technical Event
6	Pick and Speak Competition	8 th February 2014	Jury Members: Prof. A S Reddy, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi Prof. K M Akkoli, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi
7	Group Discussion Competition	4 th March 2014	Jury Members: 1) Dr. S A Alur, Professor, Mechanical Engineering Department, HIT, Nidasoshi 2) Prof. S N Topannavar, Assistant Professor, Mechanical Engineering Department, HIT, Nidasoshi 3) Prof. G A Naik Assistant Professor, Department of Mechanical Engineering, HIT, Nidasoshi 4) Prof. D N Inamdar, Assistant Professor, Mechanical Engineering Department, HIT, Nidasoshi 5) Prof. K M Akkoli, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi
8	Mock Interview Competition	13 th March 2014	Jury Members: Prof. S S Managave, Principal SJPN Trust's BCA College Nidasoshi Dr. S A Alur, Professor, Mechanical Engineering Department, HIT, Nidasoshi
9	Project Exhibition	15 th May 2014	Jury Member: Dr. S. A. Alur, Professor, MED, HIT, Nidasoshi Prof. K. M. Akkoli, Senior Lecturer, MED, HIT, Nidasoshi Prof. A. S. Reddy, Asst. Professor, MED, HIT, Nidasoshi. Prof. T. S. Vandali Lecturer, MED, HIT, Nidasoshi Prof. S. R. Kikarni, Senior Lecturer, MED, HIT, Nidasoshi Prof. M. A. Hipparagi, Lecturer, MED, HIT, Nidasoshi

KSEST Sponsored Projects

S. N.	Name of the Project	Name Of Guide	Name of the Students	USN	Sanctioned Amount in Rs	Date
1	Analysis of Dynamic and Fatigue Loading in bent Bar Flexible Coupling	Prof. S. B. Yapalaparvi & Prof. M. I. Tanodi	Mr. Jeevan Sadalage	2HN10ME019	5,500	26 th February 2014
			Mr. Nikhil Shamanewadi	2HN10ME039		
2	Propelling Tricycle Using Steering Column	Prof. S. A. Goudadi	Mr. Pavan Gourai	2HN10ME047	6,500	26 th February 2014
			Mr. Prajyot Chougale	2HN10ME050		
			Mr. Shivaraj S Mahajan	2HN10ME071		
			Mr. Siddappa I Araganji	2HN10ME072		
			Mr. Somaling B Koti	2HN10ME073		
			Mr. Yogesh M Sumare	2HN10ME086		

NEWS LETTER 2013-14

Industry - Institute Interaction Details

S No	Name of the Faculty	Name of the Industry Interacted with Mechanical Engg. Department	Date
1	Prof S A Mehta & Prof. G A Naik	Konark Heat Services, 5- star MIDC , Kagal	6 th February 2014
2	Prof S A Mehta & Prof. G A Naik	Marvelous Vimercati Foundry PVT. Ltd, 5- star MIDC , Kagal	6 th February 2014
3	Prof. T.S.Vandali	AKRIBIS Technology, Peenya Industrial area Bangalore	14 th March 2014
4	Prof. T.S.Vandali	BLUERIDGE Manufacturing Services Peenya Industrial area Bangalore	14 th March 2014
5	Prof. T.S.Vandali	RR Techno Products, Peenya Industrial area Bangalore	14 th March 2014
6	Prof. T.S.Vandali	Chaitanya Hi-Tech Engg Company Pvt LTD. Kamakshipalya Bangalore	15 th March 2014
7	Prof. T.S.Vandali	Chaitanya Hi-Tech Engg Company Pvt LTD. (Unit-II) Peenya Industrial area Bangalore	15 th March 2014
8	Prof. T.S.Vandali	Chaitanya Hi-Tech Engg Company Pvt LTD. (Unit-III) Peenya Industrial area Bangalore	15 th March 2014
9	Prof. T.S.Vandali	Chaitanya Preci-Tech Engg Company Pvt LTD. Rajaginagar Industrial area Bangalore	15 th March 2014
10	Prof. T.S.Vandali	Chaitanya Preci-Tech Engg Company Pvt LTD. (Unit-II) Peenya Industrial area Bangalore	15 th March 2014
11	Prof. T.S.Vandali	Stribeck India Pvt. Ltd, Peenya Industrial area Bangalore	15 th March 2014
12	Prof S A Mehta & Prof. G A Naik	Airochem Engineering Company, Kolhapur	20 th March 2013
13	Prof S A Mehta & Prof. G A Naik	Menon & Menon , Kolhapur	20 th March 2013
14	Prof. S B Yapalaparvi	Poornima Coconut Products Private Limited, Sirsi	15 th May 2014
15	Prof. S B Yapalaparvi	Extract Engineering Works Private Limited, Dharwad	02 nd June 2014
16	Prof. S B Yapalaparvi	Appu Service Station, Pune	04 th June 2014

PARTICIPANTS OF GITA RAHASYA CONTEST :

ISKCON Belgaum Presents
District Level "Gita Rahasya Contest" - 2013
 (Based on timeless Knowledge of Bhagavad Gita)

Gita Rahasya

BHAGAVAD GITA

SR. NO.	NAME OF THE PARTICIPANT
1	Dr. S. A. Alur
2	Prof. Shankar A. Hallad
3	Prof. Niranjana Ukali
4	Prof. S. R. Kulkarni
5	Prof. D. N. Inamdar
6	Prof. Maheshwar A. Hipparagi
7	Prof. Mohan s. Phutane
• Co-ordinator • Prof. S. B. Yapalaparvi, HOD	

NEWS LETTER 2013-14

Seminars Conducted under AIMSS

SL No	Topic of the seminar	Date of conduct	Resource person and address
1	Training and Placement Opportunities	17 th August 2013	Dr.Srinivas S Balli, TPO, BEC, Bagalkot
2	Career Guidance to Students	17 th August 2013	Mr. Saklesh Tigadi, (Alumnu s), Project Manager, Saudi Arabia
3	Industry Related Heat Treatment processes	28 th September 2013	Mr. Uday Chandrakant Khandake, Proprietor – Konark Heat Services and Technical Consultant Of Heat Treatment, Kagal Dist. Kolhapur
4	Energy Transfer across the rotor	08 th October 2013	Prof. M.M Shiwashimpi, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi
5	Overview of CFD and Its Applications	8 th November 2013	Mr. Sivayogi Salutagi, Senior Engineer, Eaton Tech Private Limited, Pune
6	How to write & present Technical Papers	27 th January 2014	Prof. A.S Reddy, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi
7	Professional Training Opportunities & Internship	27 th January 2014	Prof. K.M Akkoli, Senior Lecturer, Mechanical Engineering Department, HIT Nidasoshi
8	Employment Opportunities & Tips for written tests, GD and Personal Interview	27 th January 2014	Prof. S.N Toppannavar, Assistant Professor, Mechanical Engineering Department, HIT, Nidasoshi
9	Proficiency in English Language	27 th January 2014	Prof. S.P Kamble, Lecturer, SJPN Trust's Polytechnic, Nidasoshi
10	Latest Technological Developments in the domain	27 th January 2014	Dr. S.A Alur, Professor, Mechanical Engineering Department, HIT, Nidasoshi
11	Opportunities for higher Education & Entrepreneurship	27 th January 2014	Prof. S.N Toppannavar, Assistant Professor, Mechanical Engineering Department, HIT, Nidasoshi
12	Integrated Six Sigma - Green Belt and Design For Six Sigma (DFSS)	11 th February 2014	Prof. S. r Kulkarni, Senior Lecturer, Mechanical Engineering Department, HIT, Nidasoshi
13	Boiler Fan Manufacturing	28 th March 2014	Mr. Dattaram P. Kamat Alrochem Engineering Company, Kolhapur
14	India and Digital Revolution & Energy Security and India	12 th April 2014	Prof. Shivanand Kanavi, Hubli
15	Training and Placement Opportunities & challenges	7 th May 2014	Prof. Sunil Sangol, TPO, KLECEET, Belgaum

Amount Sponsored for Research / STIP

S. N.	Name of the Equipment/ Program	Name Of Coordinator	Sanctioned Amount in Rs	sanctioned Organization	Date
1	Study of performance characteristics of IC Engine through computerized data acquisition system including exhaust gas analyzer to suggest best alternative fuels	Prof. S.N.Toppannavar	10.00 lakhs per year	Government of Karnataka Vision Group on Science and Technology Department of Information Technology, Biotechnology and Science & Technology	under the K-FIST (Level - I) scheme during the FY 2013-14
2	Computational Fluid Dynamics	Prof. S.N.Toppannavar	1,00,000	ISTE-SRM STTP	4th February 2014



NEWS LETTER 2013-14

Students placed through Training & Placement Cell









Sl. No.	Name of the Student	Name of the Company	Place of Recruitment	Campus Recruitment Date	Photo
1.	Mr. Sunil Shinde	Triveni Turbines, Bangalore	KLES CET, Belgaum	21/02/2013	
2.	Mr. Mahantesh S. Nerli	Shriram Finance Co. Pvt Ltd, Mumbai	BLDEA's A.S.Patil College of Commerce, Bijapur	04/03/2013	
3.	Mr. Akshay H. Mane	Shriram Finance Co. Pvt Ltd, Mumbai	BLDEA's A.S.Patil College of Commerce, Bijapur	04/03/2013	
4.	Mr. Arunodaya Aralimati	PHOENIX MARITIME SERVICE PVT LTD. Nagpur (Merchant Navy)	Hirasugar Institute of Technology, Nidasoshi	04/04/2013 & 11/05/2013	
5.	Mr. Kadasiddeshwar Bagi	PHOENIX MARITIME SERVICE PVT LTD. Nagpur (Merchant Navy)	Hirasugar Institute of Technology, Nidasoshi	04/04/2013 & 11/05/2013	
6.	Mr. Sunil Bhujanganavar	Able Design Engineering Services Pvt Ltd., Hubli	Able Design Engineering Services Pvt Ltd., Hubli	10/06/2013	
7.	Mr. Sangram Patil	Telco. Pune,	Telco. Pune,	27/06/2013	
8.	Deenanath Kulkarni	Eaton Technologies Pvt. Ltd., Pune	Eaton Technologies Pvt. Ltd., Pune	01/08/2013	
9.	Mohin M. Naragund	CADD Centre. Belgaum	CADD Centre. Belgaum	25/09/2013	



MECHANICAL ENGINEERING DEPARTMENT

NEWS LETTER 2013-14

**Details of Students placed through Training & Placement Cell
Branch: Mechanical Engineering AY:2013-14**

Sl. No.	Name of the Student	Name of the Company	Place of Recruitment	Campus Recruitment Date	Photo
10.	Suraj Charate	BMM Ispat Ltd	HIT., Nidasoshi	14/11/2013	
11.	Girish Dangi	BMM Ispat Ltd	HIT., Nidasoshi	14/11/2013	
12.	Nagaraj Naik	BMM Ispat Ltd	HIT., Nidasoshi	14/11/2013	
13.	Shivanand Daddimani	BMM Ispat Ltd	HIT., Nidasoshi	14/11/2013	
14.	Jeevan Sadalage	Perennial Technologies Pvt. Ltd.	HIT., Nidasoshi	21/11/2013	
15.	Shabberahmad M. B.	Perennial Technologies Pvt. Ltd.	HIT., Nidasoshi	21/11/2013	
16.	Vidyasagar Kadam	Perennial Technologies Pvt. Ltd.	HIT., Nidasoshi	21/11/2013	
17.	Shivaraj Mahajan	Shriram Transport Finance Co.Ltd.	KLE, Belgaum	10/11/2014	



MECHANICAL ENGINEERING DEPARTMENT

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PHOTO GALLERY



Dr. Maheshappa, Vice Chancellor, VTU



ISSRD Best Project Award



Project Award



The Best Project of the Year Award



Project Award

Lectures by Experienced Faculties on Important Topics during Orientation Program



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Faculty Seminar



Technical Supporting Staff Seminar



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★ AIMSS Activities ★



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MECHANICAL PROJECT



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EXHIBITION - 2014



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CELLULAR FORM



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Final Moments with Outgoing Students



III (A)

III (B)



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