

HIRASUGAR INSTITUTE OF TECHNOLOGY

NIDASOSHI-591236

Tal: Hukkeri , Dist: Belagavi



News Letter-2016-17

DEPARTMENT OF MECHANICAL ENGINEERING

VOL: 05
October 2K17

FROM THE PRINCIPAL'S DESK

HIT has grown through leaps and bounds in the past two decades providing professional and high quality education through its originality of conception, excellence visual presentation and commitment to accuracy.

Pertaining to this, HIT has been acknowledged with numerous awards from various other institutions, enterprises and well wishers. HIT students participated and won prizes in numerous technical events conducted by various premier organizations. The institute organized international conference on "Recent Innovations in Engineering and Technology (iCRIE 2016) on 7th and 8th October, and about 140 technical papers have been presented in the conference.

It's a reflection of the college initiation in the overall growth of the students. Our students Mr. Kartik Magadam bagged gold medal in inter university yoga competition and Shweta Hirenyakar and Kartik Magadam are recognized as university blue also they have participated in All India Interuniversity Yoga Competition held at Bhuvaneshwar (Odisha). In men and women team events, our students have secured third place under VTU Zone. I congratulate HOD Prof. S B Yapalaparvi, members of editorial board, the staff and the students for bringing out the news letter.

The current issue of this news letter will take you through the outstanding achievements and activities of the semester.

The institution welcomes feedback and suggestions from readers.



FROM HOD'S DESK

There are many measures that can be used to assess the quality of an academic department. In this issue of the news letter for the year 2016-17, we shine a spot light on most of the most important events which gauge our success in department of mechanical engineering. The achievement of nearly 500 students who are actively perusing the degree is highlighted here. This news letter showcases some of the student's impressive academic results, their out to reach to the community, their honor and awards and their hopes of the future. I hope you will be inspired by these student's ambitious and incredibly deserve accomplishments and that our students continue to exceed expectations. These outstanding students truly represent the success stories of tomorrow. Our faculty section of this newsletter 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.



FROM CHIEF EDITOR'S DESK

I am extremely happy to place before you the departmental newsletter for the year 2016-17. The news bulletin gives informative details of the department activities and achievements by AIMSS family. I thank and congratulate the students and the staff members for their participation and success in various events and competitions, which became the rich content for the news letter. I wish all the best to my students.



Faculty Members

NAME	DESIGNATION	EXP.	QUALIFICATION	NAME	DESIGNATION	EXP.	QUALIFICATION
Dr. S.C.Kamate	Principal	24	PhD	Prof. M.M. Shivashimpi	Asst Prof	10	M Tech (PhD)
Dr. S. A. Alur	Professor	24	PhD	Prof. T.S. Vandali	Asst Prof	17	M Tech
Prof. S. B. Yapalaparvi	Assoc Prof	28	M Tech (PhD)	Prof. M. A. Hipparagi	Asst Prof	09	M Tech(PhD)
Prof. S.N.Topannavar	Assoc Prof	18	M Tech (PhD)	Prof. C. I. Ambiger	Asst Prof	06	M Tech (PhD)
Prof. S.A.Mehta	Asst Prof	15	M Tech	Prof. Anilkumar. Biradar	Asst Prof	07	M Tech
Prof. R. Chitgopkar	Asst Prof	25	M Tech	Prof. Nirnanjan. Ukkali	Asst Prof	05	M Tech(PhD)
Prof. G.A.Naik	Asst Prof	21	M Tech	Prof. Mahesh. Inagalagi	Asst Prof	04	M Tech
Prof. D.N. Inamdar	Assoc Prof	16	M Tech (PhD)	Prof. Santosh. Awade	Asst Prof	05	M Tech
Prof.. K.M. Akkoli	Assoc Prof	15	M Tech (PhD)	Prof. Jagadeesh. Alkur	Asst Prof	04	M Tech
Prof. G.V. Chiniwalar	Asst Prof	151	M Tech	Prof. M. I.Tanodi	Asst Prof	05	M Tech(PhD)
Prof. S.R. Kulkarni	Asst Prof	0	M Tech	Prof. Kushal. Ambli	Asst Prof	06	M Tech
Prof. S. A.Goudadi	Asst Prof	09	M Tech	Prof. B. M. Dodamani	Asst Prof	05	M Tech
Prof. M. S. Futane	Asst Prof	13	M Tech	Prof. R.V. Nyamagoud	Asst Prof	04	M Tech
				Prof. S.S.Angadi	Asst Prof	02	M Tech

Technical Supporting Staff

NAME	DESIGNATION	EXP.	QUALIFICATION	NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. V. G. Badiger	Foreman	21	DME	Shri. A. B. Sankeshwari	Foreman	20	DME
Shri. R. M. Hunchyali	Instructor	20	DME	Shri. R. B. Kumbar	Instructor	17	DME
Shri. S. C. Jotawar	Instructor	24	DME	Shri. M .S. Kurani	Instructor	03	DME
Shri. S. R. Nakadi	Instructor	30	DME	Shri. P. S. Gujar	Instructor	13	DME
Shri. M. B.Badiger	Instructor	20	DME	Shri. D. R. Badiger	Mechanic	22	SSLC
Shri. S. C. Jotawar	Instructor	11	DME	Shri M. J. Patil	Welder	17	ITI
Shri. C. B. Patil	Mechanic	14	ITI				

Ministerial Staff

NAME	DESIGNATION	EXP.	QUALIFICATION	NAME	DESIGNATION	EXP.	QUALIFICATION
Shri. R. G. Shivannavar	Helper	21	B A	Shri. P. S Pimpalgavi	Peon	21	S S L C
Shri. G. M. Hirekodi	Helper	21	S S L C	Shri. M S. Kadalagi	Helper	21	P U C
Shri. G. D. Basappare	Peon	16	S S L C				

Department of Mechanical Engineering , HIT., Nidasoshi



DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT DEPARTMENT

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

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

In its 20th year of fruitful existence, the institution is planning for P G Courses and Research Centers in every department year after year. As an outcome of this initiative a P G Course M Tech (Thermal Engineering) in the department of mechanical engineering has been sanctioned by AICTE for the academic year 2014-15. The first batch is about to receive their master degree, also got an approval for Research Center in MED from VTU, Belagavi.

VISION

To impart quality education for developing technically competent, research oriented and socially responsible mechanical engineering professionals.

MISSION

- i) Rigorous practice of the proven experienced / best academic and research policies.
- ii) Enhancing capability for life-long learning and ethical standards.
- iii) To motivate staff and students for creative thinking, their by enriching the teaching-learning experience and developing the research activity.



"Education is the manifestation of perfection present already in man. Divinity is the manifestation of the religion already in man."
— Swami Vivekananda



"One child, one teacher, one pen and one book can change the world."
— Malala Yousafzai

The art and science of asking questions is the source of all knowledge.
Thomas Berger

"HARD WORK BEATS TALENT WHEN TALENT DOESN'T WORK HARD"
-TIM NOTKE

DEPARTMENT OF MECHANICAL ENGINEERING

Department Toppers

1st Semester Toppers



Ilyas . I. Nadaf
SGPA 9.17 (1st Rank)



Shrishail Badiger
SGPA 8.83 (2nd Rank)



Dalwai Abhishek D
SGPA 8.33 (3rd Rank)



Priyanka Koppad
SGPA 8.33 (3rd Rank)

3rd Semester Toppers



Mahesh. Hampiholi
8.21 % (1st Rank)



Anand Nerli
8.07 % (2nd Rank)



Mallikarjun. Ammanagi
8.0 % (3rd Rank)

5th Semester Toppers



Deepti Patil
79.33 % (1st Rank)



Bhimagouda Patil
78.33 % (2nd Rank)



Girish. Boragalli
75.56 % (3rd Rank)

7th Semester Toppers



Guuruprasad B Kumbar
81.22 % (1st Rank)



Girish Boragalli
81.11 % (2nd Rank)



Bharamappa Donawad
80.11 % (3rd Rank)

Department Toppers

2nd Semester Toppers



Shrishail Badiger
86.00 % (1st Rank)



Irappa R. Karaganvi
84.5 % (2nd Rank)



Vaibhav Shindhe
78.42 % (3rd Rank)



Omkar Chavan
78.42 % (3rd Rank)

4th Semester Toppers



Bhagyashree
80.0 % (1st Rank)



Sachin Desai
77.62 % (2nd Rank)



Aniket B
75.75 % (3rd Rank)

6th Semester Toppers



Praveen Magadum
85.22 % (1st Rank)



Basavaraj Jeeragale
75.33 % (2nd Rank)



Deepti Patil
74.55 % (3rd Rank)

8th Semester Toppers



Kiran Naik
88.40 (1st Rank)



Bharamapa Donavad
87.60 % (3rd Rank)



Malagouda S Patil
85.60 (3rd Rank)



Shivramegouda S M
85.60 (3rd Rank)

STUDENTS ACHIEVEMENTS FROM 2016 -17

Prizes In Technical Events

S.NO.	TITLE OF PAPER	AUTHOR(S)	NAME OF THE EVENT	VENUE	DATE	PRIZE	LEVEL
1	Active Magnetic Bearing	Rahul Raj	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
2	Solar Air Craft	Aathma R Harish K Patil	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
3	Adiabatic Demagnetization Refrigeration	Nikhil Khanchnale	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
4	Piezo electric smart roads	Koushik Hukkeri	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
5	Robots in Radio Active Environment	Basavaraj Jeergale	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
6	Rocket Brakes for emergency stops	Mahesh Khot Praveen Khandgol	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
7	Smart Materials	Vikas S Hiremath Praveen S Patil	IEINITTE-2017	NMAMIT, Nitte	11 March 2017	**	State
8	***	Krishna C Banage	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
9	***	Jyotiba D Naik	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
10	***	Krishna C Magadam	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
11	***	Aathma R	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	2 nd	National
12	***	Harish Patil	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
13	***	Vitthal s Kalal	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
14	***	Praveen M Magadam	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	State
15	***	Ranjith Patil	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	State
16	***	Ravikiran Rudrapur	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
17	***	Guruprasad B Kumbhar	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	**	National
18	Recent Advances in Mechanical Engineering	Ranjit M Patil	Avishkar 2017 state level: Diploma project Expo & Technology Paper Presentation	AITM, Belagavi	18 March 2017	2 nd	State
19	Recent Advances in Mechanical Engineering	Ranjit M Patil	HIT- SAMBHARAM A-2017	HIT, Nidasoshi	21 April 2017	1 st	National

S N	Title of paper	Author(s)	Name of the event	Venue	Date	Prize	Level
1	***	Basavaraj Mantur	Advitiya'-16	KLEIT, Hubballi	23 & 24 Sept-16	**	National
2	***	Wasi Mulla	Advitiya'-16	KLEIT, Hubballi	23 & 24 Sept-16	**	National
3	Debate	Rahul Raj Harish Patil	Appanna Gouda Patel death anniversary	SDVS, Sankeshwar	23 rd Oct-16	Second	College
4	Creative Writing	Sagar Sajjan	Appanna Gouda Patel death anniversary	SDVS, Sankeshwar	23 rd Oct-16	First	College
5	Creative Writing	Prashant Jogin	Appanna Gouda Patel death anniversary	SDVS, Sankeshwar	23 rd Oct-16	Second	College
6	***	Nityanand Hiremath	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
7	***	Satyajit Virekar	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
8	***	Rao Yadravi	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
9	***	Ravikiran Rudapur	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
10	***	Aathma R	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
11	***	Harish K Patil	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
12	***	Sagar Sajjan	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	1 st Prize	College
13	***	Naveen R Rayanag'dr	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
14	***	Anand Kareppagoal	Avishkar-2017	VRDIT, Haliyal	9 th -11 th Mar-17	**	College
15	Robo Path Finder	Sachitanand Kokitkar	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
16	Robo Path Finder	Snehal Marabille	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	3 rd Prize	National
17	Robo Path Finder	Satyajit Virekar	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	3 rd Prize	National
18	Robo Path Finder	Rao Yadravi	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
19	Robo Path Finder	Sourabh Mahajan	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
20	Robo Path Finder	Akash Ghatage	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
21	Robo race	Akash Ghatage	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
22	Robo race	Rao Yadravi	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
23	Robo race	Akshaykumar B	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
24	Robo race	Ravikiran Rudrapur	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
25	Robo race	Sachitanand Kokitkar	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
26	Robo race	Snehal Marabille	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	**	National
27	***	Vitthal S Kalal	IdEEEas	SIT, Tumkur	30 th Mar-17	2 nd	National
28	Robo race	Prathmesh Kulkarni	Mega Mind 2k17	VSMIT, Nippani	7 th Apr-17	**	National
29	Robo Path Finder	Sachidanad Kokitkar	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	1 st	National
30	Robo race	Sachidanad Kokitkar	HIT- SAMBHARAMA-2017	HIT, Nidasoshi	21 st Apr-17	1 st	National
31	***	Vittal S K	DESIGN COMPETATION 2K17	JCE, BELGAVI	2016-17	**	National
32	Robo Path Finder	Sachidanad Kokitkar	Mega Mind 2k17	VSMIT, Nippani	7 th Apr-17	1 st	National

Details of Industrial Training Undergone

S. N.	Name of the Student(s)	Venue	Date
1	Mallikarjuna M Kumbhar	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
2	Nithin B Maghdum	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
3	Akshay R Shimpukade	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
4	Jitesh S Patil	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
5	Amol A Patil	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
6	Sonal S Khumbar	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
7	Shivalingeshwar A Chendake	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
8	Mallikarjuna M Kumbhar	Malgudi Associates, Plot no-149/2, Sector No.7, PCNTDA, Bhosari, Pune-411026	10-July-2016 To 25-July-2016
9	Nithin B Maghdum	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
10	Akshay R Shimpukade	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
11	Jitesh S Patil	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
12	Amol A Patil	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
13	Sonal S Khumbar	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
14	Shivalingeshwar A Chendake	S T. industries J -32 Indryani nagar corner, bhosari, Pune-411026 Maharashtra	15 Days
15	Sagar Sajjan	Samrthan Systems Pvt. Works: S. No. 229/2, Behind Wipro Company, Near Nirali Hotel, Phase-I, Hinjawadi Tq- Mulshi, Dist-Pune-411057	8-July-2016 To 14-July-2016
16	Harish Patil	Samrthan Systems Pvt. Works: S. No. 229/2, Behind Wipro Company, Near Nirali Hotel, Phase-I, Hinjawadi Tq- Mulshi, Dist-Pune-411057	8-July-2016 To 14-July-2016
17	Aathma H O	Samrthan Systems Pvt. Works: S. No. 229/2, Behind Wipro Company, Near Nirali Hotel, Phase-I, Hinjawadi Tq- Mulshi, Dist-Pune-411057	8-July-2016 To 14-July-2016
18	Anil Mane	Samrthan Systems Pvt. Works: S. No. 229/2, Behind Wipro Company, Near Nirali Hotel, Phase-I, Hinjawadi Tq- Mulshi, Dist-Pune-411057	8-July-2016 To 14-July-2016
19	Chetan Arage	Samrthan Systems Pvt. Works: S. No. 229/2, Behind Wipro Company, Near Nirali Hotel, Phase-I, Hinjawadi Tq- Mulshi, Dist-Pune-411057	8-July-2016 To 14-July-2016
20	Manish S Pujari	AIRCHEM, Engineering Company Plot. No. B-57. MIDC, Shirol-416122. Klopapur	5-July-2016 To 20-July-2016
21	Jyotiba D Naik	AIRCHEM, Engineering Company Plot. No. B-57. MIDC, Shirol-416122. Klopapur	5-July-2016 To 20-July-2016
22	Ramesh B Khot	AIRCHEM, Engineering Company Plot. No. B-57. MIDC, Shirol-416122. Klopapur	5-July-2016 To 20-July-2016
23	Sachin K Hanchinali	AIRCHEM, Engineering Company Plot. No. B-57. MIDC, Shirol-416122. Klopapur	5-July-2016 To 20-July-2016
24	Guruprasad B Kumbhar	AIRCHEM, Engineering Company Plot. No. B-57. MIDC, Shirol-416122. Klopapur	5-July-2016 To 20-July-2016
25	Manjunath Kumbhar	ZF STEERING GEAR LTD Gat No:1242/44, Village Vadu Bk, Tal, Shirur, Dist Pune-412216	15 Days
26	Suraj U Patil	WILO Mather and Platt Pumps Pvt. Ltd. E-25 MIDC, Gokul Shirgaon, Kolhpur-416234	15-July-2016 To 25-July-2016
27	Sadashiv Devnchand Nandanikar	WILO Mather and Platt Pumps Pvt. Ltd. E-25 MIDC, Gokul Shirgaon, Kolhpur-416234	15-July-2016 To 25-July-2016
28	Vinayak Bhimrao Patil	WILO Mather and Platt Pumps Pvt. Ltd. E-25 MIDC, Gokul Shirgaon, Kolhpur-416234	15-July-2016 To 25-July-2016
29	Ramakrishna Ravindra Kumare	WILO Mather and Platt Pumps Pvt. Ltd. E-25 MIDC, Gokul Shirgaon, Kolhpur-416234	15-July-2016 To 25-July-2016

Sport Competition

S. N.	Name of the Student(s)	Name of the event	Venue	Date	Prize	National/state/college inter college level
1	Prashuram Hosamani Basavaraj Jeeragale Manjunath Kumbhar	Inter College Inter Zone Tournaments [Yoga] 2016-17	PESITM, Shivamoga	16-17 October 2016	Third	college level
2	Shashidhar S Talawar	Wrestling, Judo, Takewondo, Mallkhamba & Gymnastics Competitions 2016-17	VDRIT, Haliyal	20 th to 22 nd October 2016	Participa tion	State Level Intercollegiate

Sponsored Projects

S. N.	Title	Author(s)	Amount in Rs	Sponsored By	Date
1	Design and fabrication of cam operated low cost sheet metal bending machine for small scale start up industries in rural areas	Prof. S R. Kulkarni	6000/-	KSCST, B'lore	2016-17
2	Experimental investigation of performance, combustion and emission characteristics of blend of plastic oil and pongamia with diesel on CI-DI VCR engine.	Prof. R.V Nyamagoud	9000/-	KSCST, B'lore	2016-17
3	Experimental investigation of dry sugarcane leaves pallets as a eco-friendly bio fuel and fabrication of specially designed furnace for household purpose	Prof.. M. I. Tanodi	8500/-	KSCST, B'lore	2016-17

Papers Presented by Students in National /International Conference

S. N.	Title	Author(s)	Name of the Conference	Venue & Date of Presentation	National International
1	Preliminary investigations into roller burnishing process	Suraj Sooji Suresh Biradar	iCRIE-2016	8,9-October-2016 HIT, Nidasoshi	International
2	Investigations of corrosion resistance, residual stress and conductance of roller burnished component	Pravin Kokitakar Rahul Masali	iCRIE-2016	8,9-October-2016 HIT, Nidasoshi	International

The following students attended national level "Pre conference workshop on "Introduction to Nano Science and Nano Composites" held at HIT, Nidasoshi from 7-October-2016.

S. N.	Name of the Student	S. N.	Name of the Student
1	Samiulla.K.Shaikh	2	Abhishek.B.I
3	Mallikarjun.Kumbar	4	Bharamappa N Danawad
5	Kishor.K.Mohangekar	6	Chetan S Padamannavar
7	Shivaramegouda.S.M	8	Parajwal Baloji
9	Ashish.Ajari	10	Allamprabhu B Signalli
11	Pranav.Desai	12	Umesh R Kuntagol
13	Jitesh.Patil	14	Shivaprasad J Shivagiri
15	Amar.Josbildar	16	Iranna S Kiragi
17	Akshay.Shimpakadi	18	Bilal A Khan
19	Ramakrishna.Kumare	20	Chetan B Arage
21	Atish.Hirekodi	22	Balasab Vasant Shinde
23	Bhushan.Poawar	24	Vinayak P Hiremath
25	Rohit.Patadar	26	Vittal S K
27	Girish.M.Tawadar	28	Malagouda S Patil
29	Aditya.Gadvi	30	Laxman Hunsikatti
31	Deepak.Aurnale	32	Pavan Kabbur
33	Chetan.Mathad	34	Girish Borgalli
35	Bhimanagouda.Patil	36	Amar Baad
37	Kiran.Naik	38	Lagamanna S Demannavar
39	Manjunath.Kumbar	40	Uday.A.N
41	Amul.Patil	42	Vishal.Hosure
43	Anand.Karoppagol	44	Chetan.I.Banakar
45	Nitin.Magadum	46	Somashekar.Gamanagatti
47	Shivalingeshwar.Chendakar	48	Kashinath.M.Chavhan
49	Vinayak.B.Patil	50	Vaibhav.M.Karoshi
51	Vinod.A.Kupati	52	Prashant.Patil
53	Praveen.B.Haleppagol	54	Naveen.Yaligar
55	Kiran.Badiger	56	Mustaqahmad.Hanyal
57	Nitin.Magadum	58	Maresh I M
59	Manjunath.Kamakeri	60	Nagaraj Dayannavar
61	Museb.R.Mulla	62	Abhishek kumbar
63	Manish.Pujari	64	Dhanyakumar Bindage
65	Rahul.Herikud	66	Praveen Totagi
67	Rahul.Suryavanshi	68	Nayem Patel
69	Rahul.Desai	70	Aparaj J Madhale
71	Sushant.Kodag	72	Sachin K Hanchanale
73	Prashant.J	74	Shankar Miraje
75	Prathamesh.Kulkarni	76	Sonal S Kumbhar
77	Manjunath.K.Kundanugar	78	Akhilesh Patil
79	Vishwas.B.Gavade	80	Krishna Kakade
81	Guruparasad.Kumbar	82	Basavaraj Jeeragale
83	Aathma.H.O	84	Abhishek G Anigal
85	Mahantesh.B.Kamate	86	Akshay Mane
87	Malagoud.S.Patil	88	Nihan Ahmed H
89	Amit.Patidi	90	Shashikant T
91	Kaza Aminuddin.Dafedar	92	Vinod B
93	Akshay.Koti	94	A.Aditya V S Srinivas
95	Ramesh.B.Khot	96	Ambanna D Umarani
97	Vinay.Nerli	98	Basavaraj B Jadhli
99	Suraj.S.Shibannavar	100	Praveenkumar V Khilari
101	Tejas.Shinde	102	Nagaraj M Badadali
103	Shivaraj.Magadum	104	Mallikarjun M Murgod
105	Tousif.d.H	106	Nagaraj Pattar
107	Santosh.R.Patil	108	Sunil Naikar
109	Koushik.S.Hukkeri		

Project Competition

S. N.	Title	Author(s)	Name of the event	Venue	Date	Prize	National/ State/College Inter college level
1	Multi Rotor Wind Mill	Abhishek Anigol Basavaraj Mantur Pavan Arbal Vinayak Dharmatti (Murarji Desai School Nidasoshi)	Anveshana	B'lore	21,22 &23 Feb-2017	**	National
2	Flexible seated wheel chair for physically challenged and economically poor person	Rahul Raj Akshay Praveen Totagi Aminuddin	IEINITTE 2017	NMAMIT, Nitte	11-Mar 2017	1 st	State
3	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	IEINITTE 2017	NMAMIT, Nitte	11-Mar 2017	**	State
4	Multi Rotor Wind Mill for Green Building	Praveen Magdum Ravichandra Mallur Abhishek Anigol	IEINITTE 2017	NMAMIT, Nitte	11-Mar 2017	**	State
5	Smart Jack	Krishna Kakade Niranjan Sansuddi	IEINITTE 2017	NMAMIT, Nitte	11-Mar 2017	**	State
6	Multi Usage agricultural Equipment	Akhilesh P Abhishek Imangoudra Nikhil K	IEINITTE 2017	NMAMIT, Nitte	11-Mar 2017	**	State
7	Rice Husk Gassifier	Sashikant Daddimani Santosh R Patil	IEINITTE 2017	NMAMIT, Nitte	11-March 2017	**	State
8	Flexible seated wheel chair for physically challenged and economically poor person	Akshay Praveen T Kaza D	Science and Technology Solution for Specially Abled Persons	VTU, Belagavi	10-March 2017	1 st	State
9	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	Project Exhibition	Shaikh college of Engineering & Technology, Belagavi	04-April 2017	1 st	State
10	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	Navapravartya 2k17	Sant Gajanan Maharaj Coplege of engineering, Mahagaon	16-March 2017	1 st	National
11	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	SRISHTI 2K17	RVCE, Bangalore	26-28 May-2017	1 st	National
12	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	I TECH PRO 2K17	Tontadarya College of Engineering, Gadag	18 May 2017	1 st	State
13	Attachable electrical powered tricycle for physically challenged person with indoor and outdoor applications	Praveen Nandagoan Bhimgouda Nemagouda Bharatesh Magdum Vinod Ginimuge	HIT-SAMBHARAMA 2017	HIT, Ndasoshi	18 May 2017	1 st	State

Competitive /Higher Educational Qualifying Examinations

S. N.	Title	Name(s)	Marks Obtained	GATE Score	All India Rank
1	MS at Indiana University	Hardik. Peshawerya	—	—	—

Research Papers Published in Journals /Conferences by Faculties

S. N.	Name of the faculty	Title of the Paper/Conference	Publication Volume & Issue	Impact Factor	Date	Held at	Level
1	Prof. K M Akkoi	Review on Energy Conversion Processes and Characterization of Agricultural Residues	Journal of Renewable Energy and Resources Volume 1, Issue 2	**	2016	**	International
2		Experimental study on effect of compressed secondary air flow characterization on exhaust gas emissions in biomass fluidized bed	Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016,	**	25 th , 26 th Oct 2016	St. Peters Engg college, Hyderabad,	International
3		Biomass characterization and design of downdraft Gasifier for agricultural residue	Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016,	**	25 th , 26 th Oct 2016	St. Peters Engg college, Hyderabad,	International
4	Prof. S N Topannavar	Experimental study on effect of compressed secondary air flow characterization on exhaust gas emissions in biomass fluidized bed	Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016,	**	25 th , 26 th Oct 2016	St. Peters Engg college, Hyderabad,	International
5		Experimental study to extract energy by the influenced of characterized secondary air injection in the Fluidized bed	Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016,	**	25 th , 26 th Oct 2016	St. Peters Engg college, Hyderabad,	International
6		Biomass characterization and design of downdraft Gasifier for agricultural residue	Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016,	**	25 th , 26 th Oct 2016	St. Peters Engg college, Hyderabad,	International
7	Prof. S N Topannavar	Effect of Cylindrical combustion chamber shape on the performance and Emission Characteristics of C.I. Engine Operated on Pongemia	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
8	Prof. Mahantesh M Shivashimpi	Effect of Cylindrical combustion chamber shape on the performance and Emission Characteristics of C.I. Engine Operated on Pongemia	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
9	Dr. S. A. Alur	Effect of Cylindrical combustion chamber shape on the performance and Emission Characteristics of C.I. Engine Operated on Pongemia	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
10		Steady State Thermal Analysis of Rectangular Fin with Different Cavities	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
11		Experimental Investigation of Pressure Drop in Stationary Square Channel with 90° Ribs	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
12	Dr. S. A. Alur	Experimental Study Of The Effect Of Distilled water, R O Water, Lubricating Oil, Ethanol And TiO2nanofluid Concentrations On Pool Boiling Heat Transfer	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
13		Influence of multiple vortex generator on the hydraulic performance of air flow through a rectangular duct	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International

Research Papers Published in Journals /Conferences by Faculties

S. N.	Name of the faculty	Title of the Paper/Conference	Publication Volume & Issue	Impact Factor	Date	Held at	Level
14	Prof. T. S. Vandali	Engine operated harrow	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
15		Experimental Investigation on Composite Cylinder for its Buckling Strength	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
16	Prof. S. R. Kulkarni	Engine operated harrow	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
17		Proto type of collapsible trolley	18 th ISME Conference, Warangal CRC Press Taylor and Francis series	**	Communicated	**	International
18	Prof. S A Goudadi	Engine operated harrow	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
19	Prof. Kushal A	Optimization of material input in induction furnace for casting	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
20	Prof. B M Dodamani	Optimization of material input in induction furnace for casting	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
21	Prof. Jagadeesh A	Optimization of material input in induction furnace for casting	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
22		Experimental investigation of performance and emission characteristics of DI diesel engine operated on WPO home and diesel	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
23	Prof. Ravi Chitgopkar	Solar Energy for Cooking using Thermic Fluid,	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
24	Prof. Ramesh V Nyamagoud	Heat Transfer Characteristics of Impinging of Flame Jet on Flat Plate	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
25	Prof. Santosh B Awade	Impinging of Flame Jet on Flat Plate	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
26	Prof. Anilkumar M Biradar	Impinging of Flame Jet on Flat Plate	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
27		Design optimization of spring lock mechanisms in cable lock adaptor systems using finite element method	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
28	Prof. Sachin A. Mehta	Nanotechnology and its Applications - A Review	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
29	Prof. Sachin A. Mehta	Magnetic fluid grinding	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International
30	Prof. Mohan S Futane	Magnetic fluid grinding	International Journal of Advances in science and Technology, Vol.12, Issue 25 Special issue, ISSN 2230-9659	**	Dec 2016	**	International

Research Papers Published in Journals /Conferences by Faculties

S. N.	Name of the faculty	Title of the Paper/Conference	Publication Volume & Issue	Impact Factor	Date	Held at	Level
31	Prof. M A Hipparagi	Design optimization of spring lock mechanisms in cable lock adaptor systems using finite element method,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
32	Prof. N M Ukkali	Design optimization of spring lock mechanisms in cable lock adaptor systems using finite element method,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
33	Prof. Mahantesh Tanodi	Automated solar powered seed sowing machine	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
34		Flexible wheel chair	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
35	Prof. Mahesh R.Ingalagi	Influence of multiple vortex generator on the hydraulic performance of air flow through a rectangular duct	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
36	Prof. S B Yapalaparvi	Preliminary investigations into roller burnishing process	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
37		Investigations of corrosion resistance, residual stress and conductance of roller burnished component,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
38	Prof. D N Inamdar	Design and fabrication of single cavity injection mould using hot runners and direct hot tip gates,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
39	Prof. G V Chiniwalar	Design and fabrication of single cavity injection mould using hot runners and direct hot tip gates,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
40	Prof. G V Chiniwalar	Design and fabrication of single cavity injection mould using hot runners and direct hot tip gates,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
41	Prof. G A Naik	Design and fabrication of single cavity injection mould using hot runners and direct hot tip gates,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
42	Dr. S R Mahajan	Thermoeconomic Assessment of a Trigeration System For a Typical Indian Hospital an Assessment Considering compulsory Load Management Scenario,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
43		Nanotechnology and its Applications - A Review,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International
44		Development of Solar Powered Seed Sowing and Fertilizer Spraying Machine,	International Journal of Advances in science and Technology, Vol.12, Issue 25,Special issue, ISSN 2230-9659	**	Dec 2016	**	International

Faculty Paper Publications Details

S. N.	Author's	Title of the Paper	Journals/ Conference Name Publication Details	International/National State/Inter college/College Level
1	Prof. MM. Shivashimpi, Dr. S. A. Alur , Prof. S. N. Topannavar	Shape on the Performance and Emission Characteristics of C.I. Engine Opera ted on Pongemia	International Journal of Advances in Science and Technology	International
2	Prof. R V. Nyamagoud, Prof. S. B. Awade, Prof. A M. Biradar	Heat Transfer Characteristics of Impinging of Flame Jet on Flat Plate	International Journal of Advances in Science and Technology	International
3	Kiran K. Amate, Prof. Darshan Inamdar, Prof. T. S. Vandali	Experimental Investigation on Composite Cylinder for its Buckling Strength	International Journal of Advances in Science and Technology	International
4	Prof. M. A. Hipparagi, Prof. N. M. Ukkali, Prof. Biradar Anilkumar	Design Optimization of Spring Lock Mechanisms in Cable Lock Adaptor Systems Using Finite Element Method	International Journal of Advances in Science and Technology	International
5	Prof. D. N. Inamdar, Prof. G. V. Chiniwalar, Prof. G. A. Naik	Design and Fabrication of Single-Cavity Injection Mold Using Hot Runners and	International Journal of Advances in Science and Technology	International
6	Prof. T. S. Vandali, Prof. S. R. Kulkarni, Prof. S. A. Goudadi	Engine Operated Harrow (Compact Machine for Farmers)	International Journal of Advances in Science and Technology	International
7	Mr.R. S. Ellur, Dr. S. A. Alur, Mr. Santosh Rathod	Experimental Investigation of Pressure Drop in Stationary Square Channel With 90° Ribs	International Journal of Advances in Science and Technology	International
8	Mr. Malagouda Patil, Dr. S. A. Alur	Steady State Thermal Analysis of Rectangular Fin with Different Cavities	International Journal of Advances in Science and Technology	International
9	Prof. Sachin Mehta, Dr. S R. Mahajan, Prof. A S. Mahajan	Nanotechnology and its Applications - A Review	International Journal of Advances in Science and Technology	International
10	Mr. Sachin Chougule, Prof. M.R. Ingalagi, Dr.S.A.Alur	Influence of multiple vortex generator on the hydraulic performance of air flow through a rectangular duct	International Journal of Advances in Science and Technology	International
11	Prof. Mohan S. Futane, Prof. Sachin A. Mehta, Prof. Hareesh Naik	Magnetic Fluid Grinding	International Journal of Advances in Science and Technology	International
12	Dr. S. R. Mahajan Prof. D. G. Mali	Development of Solar Powered Seed Sowing and Fertilizer Spraying Machine	International Journal of Advances in Science and Technology	International
13	Prof. Kumar Chougala, Dr. S. A. Alur	Experimental Study of the Effect of Distilled Water, R O Water, Lubricating Oil, Ethanol and TiO ₂ nanofluid Concentrations on Pool Boiling Heat Transfer*	International Journal of Advances in Science and Technology	International
14	Prof. Kushal Ambli, Prof. B. M. Dodamani, Prof. Jagadeesh A.	Optimization of Material Input in Induction Furnace for Casting	International Journal of Advances in Science and Technology	International
15	Prof. Mahantesh Tanodi, Prof. Sateesh Mudalagi, Prof. Sujata Huddar	Flexible Wheel Chair	International Journal of Advances in Science and Technology	International
16	Mr. M. P. Marajakke, Prof. K. M. Akkoli, Prof. R. K. Chitgopkar	Solar Energy for Cooking using Thermic Fluid	International Journal of Advances in Science and Technology	International

Faculty Paper Publications Details

S. N.	Author's	Title of the Paper	Journals/ Conference Name Publication Details	International/National State/Inter college/College Level
17	Prof. K. M. Akkolia Dr. P. B. Gangavatib Prof. S. N. Topannavarc	Biomass Characterization and Design of Downdraft Gasifier for Agricultural Residues	Science Direct	International
18	Prof. S.N.Topannavara Dr. P.B.Gangavatib Prof. K.M.Akkolic	Experimental study of an effect of compressed secondary air flow characterization on exhaust gas emissions in the biomass fluidized bed	Science Direct	International
19	Prof. S. B. Yapalaparvi, Mr. Suraj Sooji, Mr. Suresh Biradar	Preliminary Investigations into Roller Burnishing Process	International Journal of Advances in Science and Technology	International
20	Prof. S. B. Yapalaparvi, Pravin Kokitakar, Rahul Masali	Investigations of Corrosion Resistance, Residual Stress and Conductance of Roller Burnished Component	International Journal of Advances in Science and Technology	International
21	Prof. N.M Ukkali Dr. P S Naik Prof. M.A.Hipparagi	A Review on Effect of Mechanical Properties on Austempered Steel	Indian journal of research in commerce, management engineering and applied science	International
22	Prof. Ravi Chitgopkar Prof. Ibrahim Patel	Solar Power Generation Based on Mechatronics System	International Journal of Advances in Science and Technology	International
24	Prof. M R. Ingalagi	Flow characteristics of air in square ductusing delta wing vortex generators	Science Direct	International
25	K M Akkoli , Dr. P B Gangavati	Review on energy conversion processes and haracterization of agricultural residues	Journal of renewable energy and resources,volume 1,issue 2	International
26	Prof. S A Hugar, Prof. S R Kulakarni	Application of quality function deployment for the supplier selection process	IJSRD,volume 4, issue 10,2016 ISSN 2321-0613	International

Faculty Paper Publications Details

S. N.	Faculty Name	Paper Title	Journal Name	Date of Publication	Vol	Issue
1	Dr. S.A. Alur	Need of Micro channel for high heat flux electronics cooling – A survey ,	IEEE digital explorer library	2016	7	16
		Experimental Investigation of pressure drop in stationary square channel with 90° ribs	Journal of Advances in Science & Technology	2016	12	25
		Influence of Multiple Vortex Generators on the Hydraulic Performance of Air Flow through a Rectangular Duct	Journal of Advances in Science & Technology	2016	12	25
		Steady State Thermal Analysis of Rectangular Fin with Different Cavities	Journal of Advances in Science & Technology	2016	12	25
		Effect Of Cylindrical Combustion Chamber Shape on the Performance and Emission Characteristics of C.I. Engine Operated on Pongamia	Journal of Advances in Science & Technology	2016	12	25
		Experimental Study Of The Effect Of Distilled water, R O Water, Lubricating Oil, Ethanol And Ti ₂ nanofluid Concentrations On Pool Boiling Heat Transfer	Journal of Advances in Science & Technology	2016	12	25
2	Prof. S. B. Yapalaparvi	Flexible Wheel Chair	Global Research and Development Journal for Engineering	2016	1	8
		Preliminary Investigations into Roller burnishing process	International Journal of Advances in Science and Technology	2016	12	25
		Investigation of Corrosion resistance Residual stress and Conduction of Roller burnished Component	International Journal of Advances in Science and Technology	2016	12	25
3	Prof. S. A. Mehta	" A review on MEMS application in automotive sensors	International Journal of Advances in Science and Technology	2016	5	1
		" A review on MEMS application in automotive sensors	International Journal of Advances in Science and Technology	2016	5	1
4	Prof. S. N. Topannavar	An efficient dual fluidized bed biomass gasification system based on fluid particles vorticity.	A Journal of Multidisciplinary Science and Technology	2016	-	-
		Experimental study to extract energy by the influence of characterized secondary air injection in the fluidized bed.	Elsevier Energy Procedia	2016	-	-
		Experimental study to extract energy by the influence of characterized secondary air injection in the fluidized bed.	Elsevier Energy Procedia	2016	-	-
		Study of temperature profiles by optimized characteristic secondary air injection in the biomass fluidized bed.	International Journal of Scientific and Engineering Research.	2016	8	7
		Biomass Characterization and Design of Downdraft Gasifier for Agricultural Residues.	Elsevier Energy Proceedings	2016	-	-
		Environmental friendly burning of biomasses by the tangential and radial characterized air injection in the fluidized bed	International Journal of Green Energy, Taylor and Francis Publications	2016 (Communicated)	-	-
		Effect of cylindrical chamber shape on the performance and Emission characteristics of C.I. Engine operated on Pongamia.	International Journal of Advances in Science and Technology	2016	12	25
		Characterized vorticity effect on smoke emission by pressurized secondary air injection in the Fluidized Bed Combustor.	Journal of Mechanical Engineering Science, Sage Publications.	2016 (Communicated)	-	-

Faculty Paper Publications Details

S. N.	Faculty Name	Paper Title	Journal Name	Date of Publication	Vol	Issue
5	Prof. D. N. Inamdar	"Design and Fabrication of Single-Cavity Injection Mold Using Hot Runners and Direct Hot Tip Gates"	Journal of Advances in Science and Technology	2016	12	25
		"Experimental Investigation on Composite Cylinder for its Buckling Strength"	Journal of Advances in Science and Technology	2016	12	25
6	Prof. G.V. Chiniwalar	"Design and Fabrication of Single-Cavity Injection Mold Using Hot Runners and Direct Hot Tip Gates"	International Journal of Advances in Science and Technology,	2016	12	25
7	Prof. K.M. Akkoli	"Review on Assessment Methods of Agriculture Residues."	Global Research and Development Journal for Engineering	2016	-	-
		"Review on Energy Conversion Processes and Characterization of Agricultural Residues"	Journal of Renewable Energy and Resources	2016	1	2
8	Prof. S. A. Goudadi	" Design and Fabrication of High Efficient and Low Cost Electro Magnetic Drive Car"	International Journal for Scientific Research & Development,	2016	4	4
		"High Efficient Low Cost Propelling Tricycle using Steering Column"	International Journal for Scientific Research & Development,	2016	3	6
		" Static, Thermal and Harmonic Analysis of Butterfly Valve using FEA"	International Journal for Scientific Research & Development,	2016	4	5
		"Engine Operated Harrow (Compact Machine For Farmers)"	Journal of Advances in Science and Technology	2016	12	25
9	Prof. S.R. Kulkarni	" Design and Fabrication of High Efficient and Low Cost Electro Magnetic Drive Car"	International Journal for Scientific Research & Development,	2016	3	6
		"High Efficient Low Cost Propelling Tricycle using Steering Column"	International Journal for Scientific Research & Development,	2016	4	4
		" Static, Thermal and Harmonic Analysis of Butterfly Valve using FEA"	International Journal for Scientific Research & Development,	2016	4	5
		"Prototype collapsible trolley- a new design methodology"	International Journal for Scientific Research & Development,	2016	4	5
		"Application of quality function deployment for the supplier selection process (case study)"	International Journal for Scientific Research & Development,	2016	4	10
10	Prof. T. S. Vandali	" Design and Fabrication of High Efficient and Low Cost Electro Magnetic Drive Car"	International Journal for Scientific Research & Development,	2016	3	6
		" Static, Thermal and Harmonic Analysis of Butterfly Valve using FEA"	International Journal for Scientific Research & Development,	2016	4	5
		"Prototype collapsible trolley- a new design methodology"	International Journal for scientific research and development [JSRD]	2016	4	5
		"Engine Operated Harrow (Compact Machine For Farmers)"	Journal of Advances in Science and Technology	2016	12	25
		" Experimental investigation on composite cylinder for its buckling strength"	Journal of Advances in Science and Technology	2016	12	25

Faculty Paper Publications Details

S. N.	Faculty Name	Paper Title	Journal Name	Date of Publication	Vol	Issue
11	Prof. M. M. Shivashimpi	" Effect of Cylindrical Combustion Chamber Shape on the Performance of and Emission Characteristics of C.I. Engine Operated on Pongamia"	Journal of Advances in Science and Technology	2016	12	25
12	Prof. M. A. Hipparagi	"Design Optimization of Spring Lock Mechanisms in Cable Lock Adaptor Systems Using FiniteElement Method"	International Journal for Scientific Research & Development	2016	3	6
13	Prof. M. A. Hipparagi	"Heat Transfer Characteristics of Impinging of Flame Jet on Flat Plate"	Journal of Advances in Science and Technology	2016	12	25
		"Design Optimization of Spring Lock Mechanisms in Cable Lock Adaptor System Using FEM"	Journal of Advances in Science and Technology	2016	12	25
14	Prof. N. M. Ukkali	"Analysis of Damping co efficient on aluminium composite for their damping characteristics using FEA"	International Journal for Scientific Research & Development	2016	3	4
		Design Optimization of Spring Lock Mechanisms in Cable Lock Adaptor Systems Using FiniteElement Method	Journal of Advances in Science and Technology	2016	12	25
15	Prof. M. R. Ingalagi	Influence of Multiple Vortex Generators on the Hydraulic Performance of Air Flow Through a Rectangular Duct	Journal of Advances in Science and Technology	2016	12	25
16	Prof. Santosh Awade	"Heat Transfer Characteristics of Impinging of Flame Jet on Flat Plate"	Journal of Advances in Science and Technology	2016	12	25
17	Prof. K. G. Ambli	"Optimization of Material Input in Induction Furnace for Casting"	Journal of Advances in Science and Technology	2016	12	25
18	Prof. Jagadeesh S. A.	"Optimization of Material Input in Induction Furnace for Casting"	Journal of Advances in Science and Technology	2016	12	25
19	Prof. B. M. Dodamani	"Effect of Ethanol and Honge oil methyl ester (HOME) biodiesel blends on the performance and emission characteristics of CI engine with and without Preheat"	Journal of Advances in Science and Technology	2016	1	6
		"Optimization of Material Input in Induction Furnace for Casting"	Journal of Advances in Science and Technology	2016	12	25
20	Prof. Jagadeesh S. A.	"Design and fabrication of Calorimeter for Impinging of Flame Jet".	IJRISSE	2016	2	6
		"Emission characteristics of Diesel and blends of PONGAMIA on VCR engine for different fuels"	IJRISSE	2016	-	-
		"Heat Transfer Characteristics of Impinging of Flame Jet on Flat Plate"	Journal of Advances in Science and Technology	2016	12	25

NEWS LETTER 2016-17

Department Activities Ay 2016-17

S. N.	Topic of the seminar or Event	Date of conduct	Resource person and address
1	Training program on industrial automation	05/08/2016	Extreme engineering PVT Ltd Pune 1. Abhilash , Application Engineer 2. Tejas Patil , Application Engineer
2	Welcome function for 3rd Semester Students' And 'Inauguration of AIMSS activities 2016-17'	13/08/2016	Chief Guest Mr.Santosh Thabaj Alumnus, Senior Engineer-Manufacturing Engineering, AEQUS SEZ, Belagavi
3	Engineers day celebration	15/09/2016	College Staff and Students
4	Quiz Competition -2016	16/09/2016	Judges 1. Shri S.R Nakadi ,Instructor Mechanical Engineering Department ,HIT Nidasoshi Shri Prasad Gujar Instructor Mechanical Engineering Department ,HIT Nidasoshi
5	Pre-Conference Workshop	07/10/2016	I Session : "Introduction to Nano Science" by Dr. N. R. Banapurmath, Professor, Dept. of Mechanical Engg., BVBCET, Hubballi II Session: "Introduction to Nano Composites" by Dr. A. M. Hunashyal Professor, Dept. of Civil Engg., BVBCET, Hubli
6	International Conference on Recent Innovations in Engineering	08/10/2016	Chief guest 1. Dr. N.H. Deshpande, LEAD Advisor, Jnanapeetha Academy, Pune 2. Mr. Utkarsha Anikahope, Metal Additive Manufacturing Project Leader, TWI UK LTD, Sheffield, UK 3. Dr. Telsang Martand Tamanacharya, Rajaramprabhu Institute of Technology, Islampur 4. Dr. Umesh Bhusli, Principal, Sahyadri College of Engineering, Mangaluru
7	International Conference on Recent Innovations in Engineering	08/10/2016	Chief guest 1. Dr. N.H. Deshpande, LEAD Advisor, Jnanapeetha Academy, Pune 2. Mr. Utkarsha Anikahope, Metal Additive Manufacturing Project Leader, TWI UK LTD, Sheffield, UK 3. Dr. Telsang Martand Tamanacharya, Rajaramprabhu Institute of Technology, Islampur 4. Dr. Umesh Bhusli, Principal, Sahyadri College of Engineering, Mangaluru
8	International Conference on Recent Innovations in Engineering	22/10/2016	Staff members 1. Prof. S. A. Mehta Assistant Professor, Mechanical Engineering Department, HIT Nidasoshi 2. Prof. M. M. Shivshimpi Assistant Professor, Mechanical Engineering Department, HIT Nidasoshi
9	Interaction session by Alumni	04/11/2016	Resource person Shri. Gangadhar Huddar, scientific officer "F" Bhabha Atomic Research Centre (BARC) TROMBAY
10	Industrial Report presentation	07/11/2016	Seminar given by 1. mahesh hampiholi 2. Krishna
11	Webinar on "Practical approach for solving FFA numerical by VSSC ISRO"	10/02/2017	Mr. Tilak Raj

DEPARTMENT OF MECHANICAL ENGINEERING

NEWS LETTER 2016-17

Department Activities Ay 2016-17

S. N.	Topic of the seminar or Event	Date of conduct	Resource person and address
12	Technical seminar on "Design and development of mobile cranes"	18/02/2017	Resource person Mr. Praveen Handigund, senior Team Leader Tata Technologies Pune.
13	seminar on "Career guidance"	22/02/2017	Resource person 1.Karan Doddawad
14	seminar on "How to prepare a technical paper"	03/03/2017	Resource person Dr. S. C. Kamate, Principal Hirasugar Institute of Technology, Nidasoshi
15	Gyan-2017, student PPT Competition	10/03/2017	Judges 1. Prof. T.S. Vandali Asst Professor Hirasugar Institute of Technology, Nidasoshi. 2. Prof. S.A.Mehta Asst Professor Hirasugar Institute of Technology, Nidasoshi. 3. Prof. Ravi.Chitgopkar Asst Professor Hirasugar Institute of Technology, Nidasoshi.
16	Industrial visit to kaiga atomic power Plant	18/03/2017	Staff members 1. Prof. K. M. Akkoi Associate Professor, Mechanical Engineering Department, HIT Nidasoshi 2. Prof. R. V. Nyamagoud Assistant Professor, Mechanical Engineering Department, HIT Nidasoshi
17	HIT Quest	21/04/2017	Judges-Roborace and Robo Path Finder 1. Shri D.D.Bhuttewadkar, Lecturer SJPN Trust Polytechnic Nidasoshi Judges- Paper Presentation 1. Dr. S.R.Basavreddi Professor of MED Dr M S Sheshgiri KLE CET Belagavi Dr. Veeranna D K Professor of MED SGBIT Belagavi
18	Technical seminar on "Career pathway after BE"	08/05/2017	Resource person Jagadeesh A Desai, CEO Director, Mathematical Society for Engineers, Kolhapur
19	Project Exhibition 2017	25/05/2017	Judges 1. Mr. Sunil Majagi Account Manager-Technical CMC Software(P) Ltd (N Deut) Lyoner Str. 14, D-60528 Frankfurt am Main 2. Mr. Ravindra Pilankar Head Quality Assurance Positron engineering Corporation Vishveshwariah Indl. Park Machhe, Belagavi. Mr. Shridhar Uppin Managing Partner Positron engineering Corporation Vishveshwariah Indl. Park Machhe, Belagavi.

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Development Initiative

S. N.	Name of the faculty	Name of the seminar workshop/short term courses Faculty Development Programs etc.	Topic	Held at	Date
1	Prof. M M Shivashimpi	FDP	Virtual lab setup for Refrigeration and Air-condition equipments	KIT, Kolhapur	
2	Prof. B M Dodamani	FDP	Condition Monitoring	SJEC, Mangalore	9 th to 10 th January 2017
3	Prof. N M Ukkali	FDP	Condition Monitoring	SJEC, Mangalore	9 th to 10 th January 2017
4	Prof. K G Ambli	FDP	Condition Monitoring	SJEC, Mangalore	9 th to 10 th January 2017
5	Prof. M A Hipparagi	FDP	Condition Monitoring	SJEC, Mangalore	9 th to 10 th January 2017
6	Prof. Jagadeesh A	FDP	Condition Monitoring	SJEC, Mangalore	9 th to 10 th January 2017
7	Prof. M M Shivashimpi	FDP	Research Methodology	AITM, Belagavi	9 th to 13 th January 2017
8	Prof. A M Biradar	FDP	Research Methodology	AITM, Belagavi	9 th to 13 th January 2017
9	Prof. M I Tanodi	FDP	Research Methodology	AITM, Belagavi	9 th to 13 th January 2017
10	Prof. R V Nyamagoud	FDP	Numerical advanced mathematics for Engineers and Scientists	IIT Varanasi	12 th to 18 th January 2017
11	Prof. S B Awade	FDP	Numerical advanced mathematics for Engineers and Scientists	IIT Varanasi	12 th to 18 th January 2017
12	Prof. S R Kulkarni	FDP	Theoretical and Computational Mechanics	NMAM Institute of Tech, Nitte	19 th to 21 st January 2017
13	Prof. G V Chiniwalar	FDP	Theoretical and Computational Mechanics	NMAM Institute of Tech, Nitte	19 th to 21 st January 2017
14	Prof. T S Vandali	FDP	Theoretical and Computational Mechanics	NMAM Institute of Tech, Nitte	19 th to 21 st January 2017
15	Prof. M R Ingalagi	FDP	Theoretical and Computational Mechanics	NMAM Institute of Tech, Nitte	19 th to 21 st January 2017

Details of Technical Seminar Presented by Faculties

S. N.	Name of the faculty	Name of the seminar workshop/short term courses Faculty Development Programs etc.	Topic	Held at	Date
1	Prof. M M Shivashimpi	Departmental level seminar	Virtual lab setup for Refrigeration and Air-condition equipments	HIT, Nidasoshi	13/10/2016
2	Prof. M A Hipparagi	Departmental level seminar	Virtual lab setup for Refrigeration and Air-condition equipments	HIT, Nidasoshi	3/11/2016
3	Prof. N M Ukkali	Departmental level seminar	Virtual lab setup for Refrigeration and Air-condition equipments	HIT, Nidasoshi	3/11/2016
4	Prof. K M Akkoli	Departmental level seminar	Biomass characterization and design of downdraft Gasifier for agricultural residues	HIT, Nidasoshi	4/11/2016
5	Prof. S N Topannavar	Departmental level seminar	Experimental study to extract energy by the influence of characterized secondary air injection in the fluidized bed	HIT, Nidasoshi	4/11/2016
6	Prof. B M Dodamani	Departmental level seminar	Condition Monitoring	HIT, Nidasoshi	30/1/2017
7	Prof. N M Ukkali	Departmental level seminar	Condition Monitoring	HIT, Nidasoshi	30/1/2017
8	Prof. K G Ambli	Departmental level seminar	Condition Monitoring	HIT, Nidasoshi	30/1/2017
9	Prof. M A Hipparagi	Departmental level seminar	Condition Monitoring	HIT, Nidasoshi	30/1/2017
10	Prof. Jagadeesh A	Departmental level seminar	Condition Monitoring	HIT, Nidasoshi	30/1/2017
11	Prof. S R Kulkarni	Departmental level seminar	Theoretical and Computational Mechanics	HIT, Nidasoshi	30/1/2017
12	Prof. G V Chiniwalar	Departmental level seminar	Theoretical and Computational Mechanics	HIT, Nidasoshi	30/1/2017
13	Prof. T S Vandali	Departmental level seminar	Theoretical and Computational Mechanics	HIT, Nidasoshi	30/1/2017
14	Prof. M R Ingalagi	Departmental level seminar	Theoretical and Computational Mechanics	HIT, Nidasoshi	30/1/2017
15	Prof. R V Nyamagoud	Departmental level seminar	Numerical advanced mathematics for Engineers and Scientists	HIT, Nidasoshi	30/1/2017
16	Prof. S B Awade	Departmental level seminar	Numerical advanced mathematics for Engineers and Scientists	HIT, Nidasoshi	30/1/2017
17	Prof. M M Shivashimpi	Departmental level seminar	Research Methodology	HIT, Nidasoshi	31/1/2017
18	Prof. A M Biradar	Departmental level seminar	Research Methodology	HIT, Nidasoshi	31/1/2017
19	Prof. M I Tanodi	Departmental level seminar	Research Methodology	HIT, Nidasoshi	31/1/2017
20	Prof. Ravi Chitgopkar	Departmental level seminar	Solar power generation system based on Mechatronics system	HIT, Nidasoshi	31/1/2017

Faculty as Resource Person

S. N.	Name of the faculty	Name of the seminar workshop/short term courses Faculty Development Programs etc.	Held at	Date
1	Prof. K G Ambli	Technical talk on "Advanced manufacturing processes"	Sant Gajana Maharaj polytechnic, Gadhinglaj	14/1/2017

Details of Industry -Institution Interaction

S. N.	Name of the faculty	Name of the Industry	Date
1	Prof. K M Akkoli Prof. M R Ingalagi	Supa Dam Electric Power house , Ganeshgudi,	27/10/2017
2	Prof. K M Akkoli Prof. M R Ingalagi	Kalinadi electric power project Ambikanagar	24/10/2016
3	Prof. K M Akkoli Prof. R V Nyamagoud	Kaiga Atomic Power Plant	18/03/2017
4	Prof. S A.Mehta Prof. M M Shivashimpi	Foundry Big Casting, Belagavi	22/10/2016

Events Organized










S. N.	Name of the Event	Date	Place	Coordinator
1	Robo Race	**	HIT, Nidasoshi	Prof. M S Futane
2	Robo Pathfinder	**	HIT, Nidasoshi	Prof. B M Dodamani

Prize Winners Under AIMSS Activities

Event	USN	Name of the Student	Place	Division	Prizes
Quiz Competition	2HN15ME009	Aniket. B	III	A	I
	2HN15ME080	Parashuram Hosamani	III	B	
	2HN15ME085	Shashidhar Talawar	III	B	
	2HN14ME066	Prathamesh Kulkarni	V	B	II
	2HN14ME069	Praveen Patil	V	B	
	2HN14ME114	Vikas Hiremath	V	B	
	2HN13ME073	Rahul Raj	VII	B	
2HN13ME016	Atish Hirekodi	VII	A	II	
2HN13ME035	Girish Tavadare	VII	A		
Technical PPT	2HN14ME032	Koushik Hukkeri	VI	A	I
	2HN14ME052	Nikhil Khenchanale	VI	A	II
Project Exhibition	2HN13ME002	Aatma Rao	VIII	A	I (Production)
	2HN13ME016	Anil B Mane	VIII	A	
	2HN13ME024	Chetan Barage	VIII	A	
	2HN13ME036	Hareesh Patil	VIII	A	I (Thermal)
	2HN13ME020	Bharamappa D	VIII	A	
	2HN13ME036	Guruparasad K	VIII	A	
	2HN13ME041	Jyoti Naik	VIII	A	
	2HN13ME047	Lakkapa Hattaraki	VIII	A	I (Design)
	2HN13ME068	Praveen Nandagaon	VIII	B	
	2HN13ME023	Bhimagouda N	VIII	A	
	2HN13ME021	Bharatesh Magadum	VIII	A	
	2HN13ME117	Vinod Ginimuge	VIII	B	

Faculty Members Who Have Achieved

100% RESULT IN V T U EXAMS (2016-17 ODD SEM)

Photo	Name of Faculty	Subject	Sub Code	Sem
	Prof. K M Akkoli	Hydraulic and pneumatics	10ME73	VII
	Prof. C I Ambiger	1.Total quality management 2. Management and entrepreneurship	10ME758 10AL51	VII V
	Prof. M I Tanodi	Computer aided machine drawing	15ME36A	III
	Prof. S R Kulkarni	Product Life cycle and management	10ME769	VII
	Prof. G A Naik	Engineering Economics	10ME758	VII
	Prof. A M Biradar	Total quality management	10ME758	VII
	Prof. M R Ingalagi	Non conventional energy sources	10ME754	VII
	Prof. M S Futane	Product Life cycle and management	10ME769	VII
	Prof. T S Vandali	Finite Element Methods	16MTP12	I-PG

Faculty Members Who Have Achieved

100% RESULT IN V T U EXAMS (2016-17 EVEN SEM)

Photo	Name of Faculty	Subject	Sub Code	Sem
	Prof. C I Ambiger	Automotive Engineering	10ME844	VIII
	Prof. M I Tanodi	Computer aided machine drawing	15ME46A	IV
	Prof. S R Kulkarni	Operations Management	10ME81	VIII
	Prof. A M Biradar	Mechatronics And μ P	10ME65	VI
	Prof. M R Ingalagi	Design of heat transfer equipment for thermal power plant	14MT741	IV- PG
	Prof. Ravi K C	1.Control Engineering 2. Automotive Engineering	10ME82 10ME844	VIII VIII
	Prof. N M Ukkali	Operations Management	10ME81	VIII
	Prof S S Angadi	Power Plant Engineering	10ME833	VIII
	Prof. B M Dodamani	1. Power Plant Engineering 2. Theory of IC Engine	10ME833 15MTP24	VIII II-PG
	Prof. S A Mehta	Computer Integrated Manufacturing	10ME61	VI
	Prof. K G Ambli	Non Traditional Machining	10ME665	VI
	Prof. M A Hippargi	Non Traditional Machining	10ME665	VI
	Prof. R V Nyamagoud	Thermal Power Station-1	16MTP251	II-PG

Placements Records during 2016-17

Branch: Mechanical Engineering

			
Rahul Raj Maintec Technologies Pvt Ltd, Bengaluru	Sachin Hanchinali Vee Technologies Pvt Ltd, Bengaluru	Vinay Nerli Vee Technologies Pvt Ltd, Bengaluru	
			
Guruprasad Kambar 1.CADMAXX Solutions Pvt Ltd, B'lore 2.Good through Software Solutions, B'lore	Anand Magdum 1.CADMAXX Solutions Pvt Ltd, B'lore 2.Good through Software Solutions, B'lore	Shivprasad Shivagiri Enerzea Power Solutions Ltd, Bengaluru	Vishal Hosure Enerzea Power Solutions Ltd, Bengaluru
???	???	you !!!	

Photo Gallery AIMSS Activities

Engineers Day celebration



Paper Presentation Competition



Freshers' Day



Farewell



Photo Gallery AIMSS Activities

Robo Events



ICRIE
(International Conference)



Industrial Report Presentation



HIT Quest



Photo Gallery

AIMSS Activities

TP Cell Activities



ICRIE
(International Conference)



Industrial Visit



Project Exhibition Prize Winners



Project guided by Prof. M I Tanodi entitled "Flexible seated wheel chair for physically challenged (person don't have both legs) poor person (Indoor and outdoor application with manually powered lever operated gear system and shock absorbing special designed wheel) ' in 'SRISHTI-2016' project exhibition competition secured Third Prize, held at CMR institute of Technology, Bangalore during May 6th



Project guided by Prof. M I Tanodi entitled "Flexible seated wheel chair for physically challenged (person don't have both legs) poor person (Indoor and outdoor application) in Science Technological Solutions for Specially Abled Persons for Specially Abled Persons. secured first Prize, held at VTU, Belagavi on 10.03.2017



Project guided by Prof. M I Tanodi entitled "Flexible seated wheel chair for physically challenged (person don't have both legs) poor person (Indoor and outdoor application in State level Project Exhibition and secured First Prize, held at NMAMIT, NITTE on 11.03.2017.



Project guided by Prof. M I Tanodi entitled "Electrical powered Tricycle for Physically Challenged Person" in State level Project Exhibition and secured First Prize, held at Shaikh College of Engineering, Belagavi on 26.03.2017 and at Sant Gajanan Maharaj Engineering College, Gadhinglaj on 18.03.2017..

News letter committee

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