**Department Vision:** To become a lead in producing quality mechanical engineers, which will prosper the society to face the current technical challenge.

**Department mission:**
- To transmit quality education to the students and enhancing their skills to make them competitive mechanical engineers.
- To enlighten students with ethical responsibilities and to impart leadership and entrepreneurship qualities for their CAREER DESIGN.
- To develop bonding with research organizations and educational institutions in for bringing quality in teaching and research practices.

**Editor:** Dr. Sreeramulu M  
Head of the Department  
Department of Mechanical Engineering
National Youth Diwas

National Youth Day is celebrated to commemorate the birth anniversary of Swami Vivekananda. He was a social reformer, philosopher, and thinker. The main objective behind celebrating this program is to propagate the philosophy and the ideals of Swami Vivekananda for which he lived and worked. In the year 1984, the Government of India declared 12th January as National Youth Day to commemorate birth anniversary as well as to honor the ideals and philosophies of Vivekananda.

In this regard HITAM celebrated the National Youth Day on its campus on 12th January-2021. On the occasion of this day, the introductory remarks are given by P.V.N. Saichandu, Associate Professor of Mechanical Department. In his address, he specified the purpose of organizing the National Youth Day and the role of youth in nation building.

HITAM Principal, Dr.J.Shivakumar who addressed the gathering took the examples from our current life style and emphasized that we have to change ourselves and accept the value of Swami ji to give our true respect to him. HITAM-Dean IIIC, Dr.K.Shivaprasad, in his address, illustrated the life and deeds of Swami Vivekananda and emphasized that the development of the country depends on the youth and asked the youngsters to emulate Swami Vivekananda.

HITAM-Dean Academics, Dr.S.Aravind addressed the gathering and threw light on the importance of following the principles of Swami Vivekananda to achieve success in life. The event was witnessed by all HODs and staff members of various departments. The program was ended with vote of thanks extended by Morrishkumar, Associate Professor of Mechanical department.

ARISE!
AWAKE!
&
STOP NOT UNTIL THE GOAL IS REACHED.
HEALTH CAMP

Health camp was held at HITAM on 20th January, 2021. The camp was held with an aim checking one’s health at the right time and consulting the doctor before a small health problem turns into a serious one. For this health camp, a team of doctors from Sunshine Hospitals arrived at HITAM and conducted the Medical camp, the team includes Dr. Anirudh Sharma a cardiologist, nurses and lab technicians. The medical camp was organized with the support of college management and it was inaugurated by HITAM Principal, Dr.J.Shivakumar. The camp started at 10 am. Dr. Anirudh Sharma along with his team created awareness on health problems and their preventive measures. The camp includes medical tests such as ECG, Blood Pressure, Diabetic check-up, Eye check-up, Dietary counseling and Physical consultation. Medicines are distributed freely for some of the health problems and advised for further investigations. Mrs. Jyothi, who is working as a nurse at HITAM helped in registration process and informed the teaching and non-teaching staff to utilize the services of the medical camp. There was an excellent response to the medical camp where more than 70 members took benefit of free consultation. Medical camp ended at around 4:00 P.M. At the end, all went away very happy – both the HITAM staff and the team of doctors.
Awards, rewards and accreditations have become synonymous with the institution in the recent past. Recently HITAM has been accredited by NBA. Later, on 8th January, 2021, it witnessed the remarkable achievement of NAAC A+ GRADE with a 3.36 CGPA. The 3.36 CGPA obtained by HITAM is the highest scoring amongst the affiliated colleges in the state of Telangana. With this achievement the college has joined the elite list of colleges to be accredited with an A+ Grade by NAAC.

The NAAC peer team visited the campus in March, 2020 and assessed on multiple parameters. During their visit the team appreciated the infrastructure, management, faculty, student contributions, teaching and learning processes, institutional values and best practices adopted in the college. The grade will help the institution to widen the scope of academic excellence and offer our students yet better industry experience. On achieving the NAAC A+, all Hitamights celebrated the day in a grand manner, the management arranged lunch for both teaching and non-teaching staff. Hitamights who joined the celebrations sung songs, danced and enjoyed the sumptuous lunch, the day was ended with lot of joy and happiness.

"TO IMPART HOLISTIC EDUCATION TO NURTURE STUDENT WITH BEST SKILLS FOR EMPLOYMENT ENTREPRENEURSHIP AND HIGHER EDUCATION THROUGH INNOVATIVE TEACHING METHOD ."
Speaking on the achievement, Dr. J. Shivakumar, Principal of HITAM, said, “HITAM’S challenging journey towards attaining NAAC A+ is the outcome of dedicated team work of Hitamights. Moreover, the relentless support extended by the Honorable Chairman, Mr. Arutla Prashanth and his belief on the ability of HITAMIGHTS and the timely directions of the leadership team, especially the Dean Accreditation, Dr. S. Arvind and his team helped the institution to attain the NAAC A+. This team work and commitment of the staff stands as an inspiration to HITAM to scale the further heights”.

Dr. J. Shivakumar.

Speaking on the achievement, Dr. S. Arvind, Dean Accreditation HITAM, said, “It was a pleasant experience to work with the team of Hitamights in the process of preparing and submitting the application to NAAC for accreditation. The constant support extended by the management, Dr. Devika and all criteria owners were key instrumental in offering support to reach the final stage. The comments given by the NAAC peer team during their exit meeting raised hope of attaining A+ grade by NAAC. The remarkable achievement to secure A+ was the result of team spirit and congratulations to all Hitamights.”

Dr. S. Arvind, Dean Accreditation
TRADITIONAL DAY

Traditional Day was held at HITAM on the 26th of January, 2021. The response for this event was simply amazing where many of the HITAM students and the staff attended in traditional attires wearing the colorful Sarees, Sherwanis, Kurtas, etc. On the occasion of the traditional day, students conducted various competitions like the Rangoli, Dhandia, Pot breaking, Dandiya, Seven Stones, Mr. and Miss. Traditional (Students/Staff), Tug of war and other events. These events/competitions were conducted by the final year students of HITAM. The highlight of the day was the "Dandiya" where the students danced to the famous dandiya tracks. The event was a great success and it definitely strengthened the bonds among the Hitamights.
The 72nd Republic Day of India was celebrated with patriotic fervor at Hyderabad Institute of Technology and Management on 26th January, 2021. On the occasion of the Republic day, Students and faculty members filled with a feeling of patriotism and gathered in front of the admin building. The celebration started with the hoisting of the National Flag by the chief guest of the event, Col.B.S. Rao. In his address, he highlighted the importance of the Constitution and its unique features such as Sovereign, Socialist, Secular, Democratic and Republic enshrined in the preamble of the constitution. Dr. J.Shivakumar, Principal of HITAM addressed the gathering and gave an insight on the various accomplishments achieved by college and motivated the crowd for bringing more laurels for the college through their accomplishments. He also underscored the steps the college has taken to ensure an overall development of its students and took pride in mentioning that the college. Later, the chief guest of the event and Principal distributed the appreciation certificates and prizes to the winners of various events. The program was ended with vote of thanks extended by Mr.Ravi, the administrative officer, HITAM.
Subhas Chandra Bose was born on 23 January, 1897 in Cuttack (Orissa) to Janakinath Bose and Prabhavati Devi. Janakinath Bose was one of the successful lawyers in Cuttack and received the title of “Rai Bahadur”. He later became a member of the Bengal Legislative Council. Subhash Chandra Bose was a very intelligent and sincere student but never had much interest in sports. He passed his B.A. in Philosophy from the Presidency College in Calcutta. He was strongly influenced by Swami Vivekananda’s teachings and was known for his patriotic zeal as a student. He also adored Vivekananda as his spiritual Guru.

Subhas Chandra Bose was one of India’s greatest freedom fighter. He revived the Indian National Army, popularly known as ‘Azad Hind Fauj’ in 1943 which was initially formed in 1942 by Rash Behari Bose. Netaji Subhash Chandra Bose had visited London during pre-independence period to discuss the future of India, with the members of the Labor party. His sudden disappearance from Taiwan, led to surfacing of various theories, unfortunately none of which were investigated thoroughly by successive governments; leaving people in the dark about one of the most beloved leaders India has ever produced.
Formation of Azad Hind Fauj by Subhas Chandra Bose

Netaji Subhas Chandra Bose was against rendering any kind of help to the British during the World War II. He warned them so. The second World War broke out in September of 1939, and just as predicted by Bose, India was declared as a warring state (on behalf of the British) by the Governor General, without consulting Indian leaders. The Congress party was in power in seven major states and all state governments resigned in protest.

Subhas Chandra Bose then started a mass movement against utilizing Indian resources and men for the Great War. To him, it made no sense to further bleed poor Indians for the sake of colonial and imperial nations. There was a tremendous response to his call and the British promptly imprisoned him. He took to a hunger-strike, and after his health deteriorated on the 11th day of fasting, he was freed and was placed under house arrest. The British could do nothing except locking him in the prison.

It was in 1941, that Subhas Chandra Bose suddenly disappeared. The authorities did not come to know for many days that he was not in his Barrack (the house in which he was being guarded). He traveled by foot, car and train and resurfaced in Kabul (now in Afghanistan), only to disappear once again. In November 1941, his broadcast from German radio sent shock waves among the British and electrified the Indian masses who realized that their leader was working on a master plan to free their motherland. It also gave fresh confidence to the revolutionaries in India who were challenging the British in many ways.

Disappearance of Subhash Chandra Bose

Although it was believed that Netaji Subhas Chandra Bose died in a plane crash, his body was never recovered. There have been many theories put forward regarding his disappearance. The government of India set up a number of committees to investigate the case and come out with truth. In May 1956, the Shah Nawaz Committee visited Japan to look into the situation of Bose's assumed death. Citing their lack of political relations with Taiwan, the Centre, did not seek for the assistance from their government. The reports of Justice Mukherjee Commission, tabled in Parliament on 17 May, 2006 said, “Bose did not die in the plane crash and the ashes at Renkoji temple are not his”. However, the findings were rejected by the government of India.

Source: https://www.hindujagruti.org/articles/47_subhash-chandra-bose.html
NEW PRINCIPAL TO HITAM

Dr. S. Sudhakara Reddy, a passionate teacher and an impeccable administrator, has a vast experience of over 35 years in teaching, research, and institutional development. He received Ph.D in Mechanical Engineering from SV University. He is instrumental in the development of organizations when he worked. Under his able leadership achieved NBA, NAAC and UGC Autonomous status. He published many national and international journals. He awarded life time achievement award by UndiUgadi Celebrations – 2017 & Venus Foundation – 2017. He nominated as University NSS advisory committee - JNTUH, Hyderabad. He received Bharat Shiksha Ratan Award Certificate of Excellence for outstanding achievement - Global Society for Health & Educational Growth.

<table>
<thead>
<tr>
<th>Specialization</th>
<th>Design &amp; Production Engg (Machine Tools)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Qualification</td>
<td>Ph.D (Mechanical Engg)</td>
</tr>
<tr>
<td></td>
<td>M.Tech (Design &amp; Production Engg (Machine Tools))</td>
</tr>
<tr>
<td></td>
<td>M.B.A. (Human Resource Management)</td>
</tr>
<tr>
<td>Total Teaching Experience</td>
<td>33 YEARS</td>
</tr>
<tr>
<td>Industrial Experience</td>
<td>02 YEARS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Publication Details</th>
</tr>
</thead>
</table>
| Title: Metalworking and Metrology  
Author’s Name: S. Sudhakara Reddy, K.L. Narayana, P. Divakara Rao  
Publisher: SciTech Publications  
Year: 2002 |
| Title: Metrology and Instrumentation  
Author’s Name: S. Sudhakara Reddy, P. Divakara Rao  
Publisher: Spectrum Publications  
Year: 2003 |
| Title: Instrumentation and Control Systems  
Author’s Name: S. Sudhakara Reddy, P. Divakara Rao  
Publisher: Spectrum Publications  
Year: 2004 |
| Title: Effect of Laser treatment on Tribological behavior of Al-Si Alloys  
Author’s Name: S. Sudhakara Reddy, B. Venkataraman, K.L. Narayana  
Publisher: LAMBERT Academic Publishing  
Year: 2015 |

Research papers published in the National Journals: 16
<table>
<thead>
<tr>
<th>Research papers published in the International Journals</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Papers presented &amp; published in International Conferences</td>
<td>06</td>
</tr>
<tr>
<td>Papers presented and published in the National conferences/seminars</td>
<td>10</td>
</tr>
</tbody>
</table>

### Awards & Honours
- Lifetime achievement award - UndiUgadi Celebrations - 2017
- Life time achievement award - Venus Foundation - 2017
- Leadership Award – IUCEE – 2018
- Bharat Shiksha Ratan Award Certificate of Excellence for outstanding achievement - Global Society for Health & Educational Growth
- Nominated as University NSS advisory committee - JNTUH, Hyderabad
- Received 2 lakhs Grant for Conducting Faculty Development Programme on Engineering Drawing - AICTE

### Patent Details
- Apparatus to automatically draw two-dimensional drawing - 20184107390 A 25-05-2018

### Workshops / Seminars / Conferences / Training Programs Attended
- Attended “Outcome based education in engineering, teaching and Assessment for faculty Development” on 25-08-2009 conducted by UGC - ACADEMIC STAFF COLLEGE, Jawaharlal Nehru Technological University Hyderabad
- Attended a one day workshop on “Enhancement of Employability of Fresh Engineers” conducted by JNTU-CMC on 28th July, 2005 at CMC Ltd., Gachibowli, Hyderabad
- Attended SERC School on “Surface Engineering” organized by International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), from 16-7-2003 to 23-7-2003
- Attended the two-day Workshop on “Recent Developments in Computer Aided Manufacturing (CAME 2003)” conducted by Dept. of Mechanical Engg., Deccan College of Engineering, from 2-1-2003 to 3-1-2003
- Attended the two-day Workshop on “Industrial Surface Engineering” held at IIT Chennai from 10-12-2002 to 11-12-2002
- Attended the National workshop on “Industrial Ergonomics and Safety” held at R.E.C. Warangal from 17-2-95 to 18-2-95
- Attended the summer school on “Microprocessor applications in Mechanical Engineering” sponsored by ISTE, Conducted by R.E.C. Warangal, from 23-5-94 to 3-6-94.
- Attended the summer school on “Computer Aided Process Planning”, sponsored by ISTE, conducted by R.E.C. Warangal, from 24-5-93 to 4-6-93.
- Attended the workshop on “Emerging Trends in CAD/CAM” sponsored by ISTE, conducted by Vasavi College of Engineering, Hyderbad from 16-4-93 to 17-4-93
- Attended the Symposium on “Manufacturing Technologies for the Nineties” conducted by R.E.C. Warangal, from 29-11-91 to 30-11-91
- Attended the workshop on “Advances in Manufacturing Technologies” conducted by J.N.T.U. College of Engg., Hyderabad from 28-6-90 to 30-6-90
- Attended the workshop on “Pedagogy & Class Room Teaching” conducted by V.R. Siddhartha Engg., College, Vijayawada from 24-4-89 to 29-4-89.
- Attended “NSS Orientation Programme” from 22-10-2002 to 4-11-2002 Conducted by NSS Bureau, Osmania university, Hyderabad
- Attended “NSS Orientation Programme” from 3-9-98 to 12-9-98 at S.V.University, Tirupati, conducted by NSS Bureau, S.V.University, Tirupati
- Two months Industrial Training at “VELJAN – HYDRAIR LTD.” Patancheru, Medak Dist. A.P.(May & June 1985)
- Three months Industrial Training at “PRAGA TOOLS LTD.,” Secunderabad for M.Tech dissertation work (January to March 1986) Underwent service training course on “BEML HD 785 DUMPER” at service training center, BEML, Kolar Gold Fields from 9-11-87 to 14-11-87
- Two months Infantry training at NCC Officer’s Training school, Kamptee, Maharashtra State. (May 1991 to June 1991)

*After successful completion of trainings (d) and (e) obtained 2/Lt (NCC) rank and was appointed as Associate NCC officer to the VRS Engg., College NCC unit and
<table>
<thead>
<tr>
<th>Workshops / Seminars / Conferences/Training Programs Conducted</th>
<th>Conducted 2 days workshop on outcome based education in Sep-2011 at Gurunanak Technical campus.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Organized two days 64th International conference on Transformation in Engineering Education at MREC in 2019</td>
</tr>
<tr>
<td></td>
<td>Conducted IUCEEWebinar</td>
</tr>
</tbody>
</table>
Achievements in the month of Jan 2021

1. Mrs. Baby Theresa G, Mr. P V N Sai Chandu And Mr. Anil Reddy Y has Published a “Fundamentals of Fluid Mechanics and Hydraulic Machines BOOK” with ISBN number.
3. Mr. Santosh Naik has presented a paper on “A study on infusing and expanding Clean and Green Learning spaces on campus” in ICTIEE 2021 & Published in JEET (Scopus Indexed Journal)
4. Mr. P Praveen has attended Faculty Development Program on Spectroscopy conducted by H&S Department HITAM.
5. Dr. Sreeramulu M has attended Faculty Development Program on Spectroscopy conducted by H&S Department HITAM.
6. Mr. Rahul & Mr. G. Singaiah, got the free Pre placement training for 5 students in the final Year from ELEATION group.

Achievements in the month of Feb 2021

1. Mr. G. Singaiah has presented a paper in international conference at GNI, Hyderabad, to be published Springer.
2. Mr. Santosh Naik received Innovation Ambassador Training Certification from Ministry of Education.
3. Mr. Santosh Naik received IUCEE Clean and Green Campus course certificate of Appreciation from IUCEE.
4. Mr. Santosh Naik received IUCEE Student Leadership course certificate of Appreciation from IUCEE.
5. Mr. Alankar (4th Year Mech), for Microsoft Imagine cup Project competition for securing first position in National level, Under the guidance of Dr. K. Shiva Prasad, Dean IIIC.

Achievements in the month of Mar 2021

1. Mr. Santosh Naik has Successfully completed NPTEL course Road Map to IPR and NITTT Module 1,2&3.
2. Mr. D Rahul has successfully completed short term training program on “Elements of Smart Manufacturing” Conducted by IIT Madras

Achievements in the month of April 2021

1. Mr. Santosh Naik & Students, Mr. Himanish Dutt, Mr. Ashish Sharma have Successfully completed Viswakarma awards competition.
2. 6 students have been selected in Schneider Electrical & Gestamp Companies (Core Placements) placement drive, conducted by of CDC.