	S J P N Trust's <b>Hirasugar Institute of Technology, Nidasoshi.</b> <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Permanently Affiliated to Visvesvaraya Technological University - Belagavi. Recognized under 2(f) & 12B of UGC Act, 1956. Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE,ECE,EEE & ME	
	HSIT SAMBHRAMA	Annual Report
	2021-22	

Ref: HSIT/NDS/Annual Report/267/2021-22

July 23, 2022

## ANNUAL REPORT-2021-22

Bowing at the Holi-Feets of **Lord Duradundeeshwara**, the reigning deity of this holy land. My pranamas to His Holiness Panchama **Shri Shivalingeshwar Mahaswamiji**, the President of our Trust and the motive force behind all our tasks. Chief Guest of today's function **Dr. C B Akki, Registrar**, Indian Institute of Information Technology, Dharwad. President of today's function **Sri. Rajendra Patil, Member SJPN Trust, Nidasoshi. Members of SJPN Trust Advisory Committee**, Distinguished invitees, Media persons, Parents, Staff members and my Dear Students.

Ladies & Gentlemen, as a head of this Institution it gives me an immense pleasure to present before you a brief report of the activities of our college for the academic year 2021-22. Hirasugar Institute of Technology, Nidasoshi, was established in the year 1996 by the grace of Lord Duradundeshwar and the blessings of His Holiness Pancham Shri Shivalingeshwar Mahaswamiji of Siddha Sousthan Math, Nidasoshi, is in the 24<sup>th</sup> year of its glorious existence. Presently the college is offering,

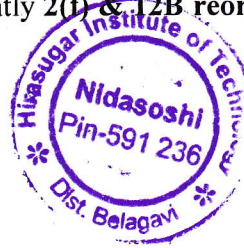
### UG Courses in:

- Mechanical Engineering(60)
- Electrical & Electronics Engineering(60)
- Electronics & Communication. Engineering(60)
- Computer Science & Engineering(90)
- Civil Engineering(60)

### Research Programs in

- 1. Mechanical Engineering 2.Electronics and Communication Engineering 3.Electrical and Electronics Engineering 4. Computer Science & Engineering 5. Engineering Chemistry.

In the field of Technical Education, we have presented nearly 5500+ Engineering Graduates to serve the society. In spite of its rural location, the college has played a significant role in imparting quality education and it has been striving hard to provide holistic education by adopting an integrated approach that blends extracurricular activities, spiritual values, with the regular academics. Peaceful campus spread on over an area of 79 acres is highly conducive to undisturbed learning. At present, 63 faculty members, 13 faculty having Ph.D. from different premier institutions are working and 606 students are pursuing their studies at various levels. The NAAC peer team has visited our institution on 18<sup>th</sup> and 19<sup>th</sup> December 2018 for Assessment and Accreditation and our college has been **accredited at A grade by NAAC**. NBA expert Team has visited our college on 17<sup>th</sup> – 19<sup>th</sup> May, 2019 and all UG programs are accredited by NBA. Further, NBA compliance report was evaluated by expert team visited on 9<sup>th</sup> July, 2022 for extension of NBA accreditation validity period. I am happy to inform you that our college has received **Permanent Affiliation** status from Visvesvaraya Technological University, Belagavi and recently **2(f) & 12B reorganization by UGC act 1956** by UGC NewDelhi.





## LIBRARY

The college library is stacked with more than 38367 volumes, 9887 Titles, 52 periodicals & Digital Library supported by VTU e-consortium with access to 9811 referred National & International e-Journals & 16800 e-Books. Learning material is upgraded every year as per the requirement of AICTE&VTU Belagavi. So far, more than Rs.1.4 crore is invested for procurement of books and periodicals including International Journals. The reference section of library is kept open upto late night hours during the examination period for the benefit of students. For this academic year 2021-22 we have invested worth Rs. 83280/- for procurement of library books. Book Bank Scheme is introduced to provide complete set of books at the beginning of semester to all the students. The seating capacity of reference section in the library is 150 students at a time.

## SPIRITUAL ASSOCIATION

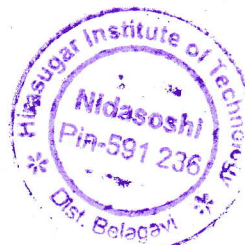
- Awareness camp on Swacha Bharat Abhiyan and Green & Clean campus to students and staff was organized in association with Ramakrishna Mission Mangalore.
- International Yoga Day was celebrated on 21<sup>st</sup> June, 2022.

## SPONSORED PRIZES

- A Cash Prize of **Rs. 2710/-** is instituted by Shri Gangadhar Mallappa Kapasi, of Belagavi for toppers of B. E. Final Year students of all branches to be equally shared between boy and a girl. This cash prize is awarded to Miss.Anjana Hunachyali with 91.36% and Mr. Sachin Chinamuri with 90.70% of mechanical department
- A Cash Prize of **Rs. 2707/-** is instituted by Sri.Rudragouda Balagouda Patil,of Belagavi in the name of his late father Shri Balagouda Malagouda Patil for toppers of 2<sup>nd</sup>, 4<sup>th</sup>, and 6<sup>th</sup> Semester B.E. Mechanical Engg. Students.This cash prize is awarded to Mr. Pramod Ammanagi With 79.50% in 2<sup>nd</sup> Semester, Mr.Kiran S Dhange with 88 % in 4<sup>th</sup> semester, Mr. Babasabh Bagashahi with 87% in 6<sup>th</sup> semester and Miss. Anjana Hunchayali with 94.60% in 8<sup>th</sup> semester for the AY-2020-21
- A Cash Prize of **Rs. 340/-** is instituted by Shri Vidyanand Kesti of Nidasoshi in the name of Radhika Sankannavar for toppers of B. E. First Year students. This cash prize is awarded to Miss. Jyoti Benawadi of Electrical & Electronics engineering dept. for securing highest percentage of 87.45%

## INDUSTRIAL VISIT / INTERNSHIP/STUDENT TRAINING PROGRAMS

- More than 20 Technical talks/Webinars on advanced topics related to technical / non-technical are organized by various departments.
- More than 180 students undergone internship training at various reputed industries from different parts of Karnataka.
- More than 50 faculty members have been sponsored to attend FDPs/STTPs hosted by Engineering Colleges from different parts of Karnataka
- Almost every faculty members have been sponsored to attend FDPs at IITs and NITs
- Our students are being sent for Industrial Educational Tours every year, to provide them exposure to the present state of the art technology.
- As a part of Industry Institute Interaction total of 10 Active Memorandum of Understanding (MoUs) signed with well-known companies like Bosch Technologies, Tech fortune, Crieontors, etc. and are benefiting to our students.
- Our students have presented total of 17 papers.





## OUR RESULTS

The overall result of our College is extremely well i.e., **95.56%**. 158 students have appeared and 151 students have passed out as Engineering Graduates from our college in year 2020-21. The overall result of all departments is **90% in 7<sup>th</sup> Semester** for this Academic year 2021-22.

## PLACEMENT

Our Training & Placement Cell is actively working under Placement Cell Coordinator Prof. N. M. Patel. In the last Two Years more than 155 leading organizations have visited our campus. For the academic year 2020-21 total 129 students are placed out of 159 and 140 out of 163 students are placed in current academic year 2021-22 and placement activities are still in progress for the passed out students and present eight semester outgoing students. **Overall 73%** of our students are placed in last two years. Pre-placement training is provided to all the students for improving the employability skills.

## OUR ALUMNI

Alumni association registered under the chairmanship of Prof. Onkar Heddurshetti of EEE department. 5500+ highly competent Alumni of our institute are successfully employed in various government and private organization in India and abroad. Every year alumni are visiting the institute and providing their valuable suggestions and support for the development of the Institute.

## PROFESSIONAL BODY ACTIVITIES

The Institution is conducting various activities with different professional bodies like,

- Indian Society for Technical Education (ISTE)
- Institution of Electrical & Electronics Engineers (IEEE)
- Institute of Engineers (IE India)

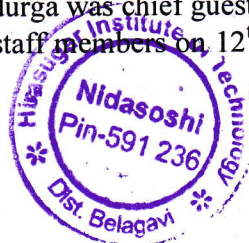
## NATIONAL SERVICE SCHEME (NSS)

Various activities were conducted by our college NSS unit. They are

- Invited talk by Prof. T V Kattimani, Vice Chancellor, Central University for Tribal of Andhra Pradesh on “New Age Teaching & Training -The role of teachers” in the context of NEP-2020 was organized on 16th May, 2022.
- Poster presentation on “World Earth day” and Tree plantation by final year students was organized on 17th May, 2022.
- Blood donation camp on eve of “ World blood donors day” in association with Annasaheb Galatage Lions blood bank, Gadhingalaj (48 donors donated blood) was organized on 15th June, 2022
- Condolence meet was organized Bharatratna Lata Mangeshkar & Padmashree Ibrahim Sutar on 07th February, 2022.
- 131st Birth anniversary of Dr. B R Ambedkar on 14th April, 2022. Basaveshwar Jayanti on 04th May, 2022 and Budha Poornima on 16th May, 2022 were celebrated.

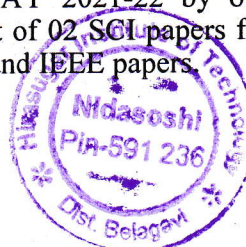
## WOMEN'S DAY CELEBRATION

- Online Session on “Women Health and Hygiene was conducted by Mrs. Nitya Chaudhary, CSR Executive, Unicharm India on **11<sup>th</sup> March, 2022**.
- Womens Day was celebrated on 11th March, 2022. Dr.( Smt.) Laxmibai Ainapure, Rajyostava Award Winner 2012 folk Artist of Salalli, from Ramdurga was chief guest.
- Dandiya Event on the eve of Dasara for all girls and staff members on 12<sup>th</sup> October, 2021 was organized.



### FACULTY ACHIEVEMENTS

- **03** Faculties are awarded Ph.D. from Research Centre of Mechanical Engineering Department. Mr. M M Shivshimpi under the guidance of Dr. S A Alur, Mr. E N Aitwade, and Mr.G B Vaggar under the guidance of Dr. S C Kamate.
- **02** Faculty members of ECE Dept. Prof. S. B. Akkole, Prof. S. S. Ittannavar recieved with Ph.D.
- **02** Faculty members Prof. S L Patil, from Mathematics Dept. and Prof. S J Walki from Chemistry Dept. from First year Engineering Dept. have received Ph.D.
- ME Department has Received Rs. 20 Lakh garnt from VGST under K-FIST L1 for the project titled“ **Study on Performance Characteristics of variable compression ratio (VCR), common Rail Direct engine with exhaust Gas Recirculation to suggest best alternative fuels**” under Project Coordinator: Dr. S N Topannavar ,Professor & HOD ME Dept. for strengthening infrastructure facilities for R & D.
- ECE Dept. has Received Rs. 20 Lakh grants from VGST under K-FIST L1 for the project titled "**Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications**“ Project Coordinator: Dr.S B Akkole. Associate Proffessor & HOD, ECE Dept. for strengthening infrastructure facilities for R & D
- Dr. Basavaraj V. Madiggond Professor EEE Dept has received AICTE Grant of Rs 3.00 lakhs to organize STTP on “Battery Management and Control Techniques in EVs”
- Dr. Basavaraj V. Madiggond Professor EEE Dept has received a grant of Rs.50,000/- from Karnataka Renewable Energy Development Ltd., (KREDL) for organizing activity on Energy Conservation & Energy Efficiency.Energy conservation week was celebrated.
- More than 130 research papers were published in peer review Journals by our faculties from various departments in last three years.
- Dr. R R Maggavi, Associate Professor & Prof. P V Patil, Assistant Professor of ECE. Department have received each one Patent registered.
- Dr. B. V. Madiggond has been appointed as a Chairman of Board of Studies in Electrical & Electronics Engineering of Visvesvaraya Technological University, Belagavi for the year 2022-2025
- Dr. S.N.Topannavar HOD ME. Dept has been appointed as member Board of Examiners in Mechanical Engineering of Visvesvaraya Technological University, Belagavi for the year 2021-22.
- Prof. S. D. Hirekodi has been appointed as member Board of Examiners in Electrical & Electronics Engineering of Visvesvaraya Technological University, Belagavi for the year 2021-22.
- Prof. M.P. Yenagimath has been appointed as member Board of Examiners in Electrical & Electronics Engineering SDM College of Engineering & Technology, Dharwad for the year 2021-22.
- More than 10 faculties are recognized as resource person for FDPs / Training program organized by various Engineering Colleges from different parts of Karnataka/Maharastra.
- More than 20 research papers published in this AY 2021-22 by our faculties from all departments.ME-06,ECE-06,EEE-05 & CSE-03. Out of 02 SCI papers form ME Dept and 01 SCI by CSE Dept. and remaining papers are Scopus and IEEE papers.





## FDPS /STTP/INTERNATIONAL CONFERENCES/STUDENT ACTIVITIES

- Webinar on “Intellectual Property Rights Awareness Program” by Mr. Nikhil Ranjan, Examiner of Patents & Designs (Gr ‘A’ Gazette) and Officer, NIPAM, Patent Office, Kolkata was organized on 12/05/2022 by EEE Dept.
- Expert talk on “National Education Policy-2020” by Dr. S. B. Halabhavi, Special Officer, Academic Section, Visvesvaraya Technological University, Belagavi was organized on 29/10/2021 by EEE Dept.
- Four days workshop was organized on “Basics of MATLAB and Simulink” during 8/12/2021 to 11/12/2021 by EEE Dept.
- Miss. Sanobar S. Gadamphalli of 8th Semester EEE, participated in National Level Technical Event “NAVAPRAVARTYA 2K22” held at Sant Gajanan Maharaj College of Engineering, Mahagaon, Maharashtra on 28th May 2022 and bagged 2nd Prize in Paper Presentation Event. She presented her project work in the event which is guided by Dr. B. V. Madiggond.
- Miss. Vijaylaxmi Walikar of 8th sem EEE presented her project work ‘Electrical Distribution Network Performance Enhancement using DG’ in International Conference on Engineering Innovation ICEI -2022. The project guided by Prof. S.D.Hirekodi.
- Career Guidance under ISTE Student Chapter organized by all Department The resource person was Mr. Shankar Jarashandh Wadne, Faculty Member, ACE Academy, Hyderabad
- Workshop on “**Higher Education in Foreign Universities: Scope, preparation, and scholarships**” by Resource person Dr. Jagadeesha R Bhat, Assistant professor, Indian Institute of Information Technology Dharwad, Execom member, IEEE North Karnataka Subsection under IEEE Banner by Mechanical Engg. Dept.
- A Workshop was conducted on "Machine Learning & Automation Testing" on 16th November, 2021 by CSE Dept.
- Thirty Two Hours "Training on Python" under Karnataka Skill Development Corporation, during 18th April- 29th May-2022 was organized by CSE Dept.
- 4 Days VGST Sponsored FDP on “Software Engineering & Testing Methodologies” was organized during 16th-19th March, 2022 by CSE Dept.
- As a part of AICTE initiative 15 days **Induction Program** was organized to 1<sup>st</sup> year students from 13<sup>th</sup> December to 23<sup>rd</sup> December 2021 to inculcate Universal Human Values, professional ethics & morale among students.
- 05 villages, **Nidasoshi, Ammanagi, Borgal, Kesti & Hattarwat** have been adopted under **Unnat Bharat Abhiyana** for enhancing the quality of village life through intervention of technology as a part of institute’s social responsibility. Initial village demographic survey was completed in phase-I.



## SPORTS

- Mr. Vijay Kumar J. Imedar of 3rd sem Civil Engg. Dept. has won **Gold Medal in Kabaddi held at 7th INDO-NEPAL Youth Rural Games Championship 2020-2021** organized by the Pokhara Rangasala Stadium, Pokhara Nepal on 18th to 20th Jan 2021.
- Mr. Vijay Kumar J. Imedar of 3rd Sem Civil engineering has won **Silver Medal in Kabaddi held at 7th Youth Rural Game & Sports Federation of India at Panchayat Ground, Goa** on 26 March. 2021 to 28 March 2021.
- Mr. Vijay Kumar J. Imedar of 3rd Sem Civil Engg has participated in south Zone Inter University Kho-Kho Tournament at CHRIST University Malur on 12th March 2022.
- Mr. Shivkumar C M of 8th sem CSE department has participated in **VTU Belagavi Zone cricket Selection Trials** held at K.L.S. G.I.T. Belagavi on 27-05-2022 and he is **selected in fast bowler in VTU Belagavi Zone Cricket team.**
- **General Championship-2021-22** for girls goes to Miss Sarika V. Kutwade 2nd Sem CSE in Annual Athletic Meet 2021-2022. Held at HSIT.
- Over all Departmental **General Championship** for Boys goes to Mechanical Engineering Department.
- Over all Departmental **General Championship** for Girls goes to Computer Science Engineering department in Annual sports Meet-2021-2022 held at HSIT

## ACHIEVEMENTS IN PROJECT EXHIBITION & PAPER PRESENTATION

14 student projects of our college are sponsored by KSCST, Bangaluru, in 2021-22 and total amount of Rs.60,000/- was sanctioned, out of which 06 Mechanical, 05 CSE, 02 from ECE and 01 from EEE departments.

## BEST BOY & BEST GIRL

Every year we are awarding the Best Boy & Best Girl, based on their academic achievement and overall performance to develop a healthy competitive spirit among the students. This year the **Best Boy** award goes to **Mr. Girish G Hiremath** of 8<sup>th</sup> Sem Computer Science & Engineering Dept and **Best Girl** award goes to **Miss. Geetanjali Patil** of 8<sup>th</sup> Sem Computer Science & Engineering Dept. I heartily congratulate them.


## SUMMING UP

My dear students the Government of India are implementing NEP-2020 very aggressively. Our Institute has prepared for implementing policy guidelines of NEP-2020 to co-up with changing needs of higher education in the country. Hard work with discipline will help you to climb the ladders of success. I pray the god to bless you a very prosperous career.

I thank our Mahaswamiji and the Members of management for their guidance & support. I would like to end this report with a pledge on behalf of all my colleagues and students that "we will continuously strive hard for the overall development of students, educating them in a state of the art infrastructure, by retaining the best practices, people and inspire them to imbibe real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals".

Thank you one and all.



  
23/7/22  
Dr. S. C. Kamate, Principal