



S.J.P.N. TRUST'S

**HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI**

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Volume 5

2013-2014

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PRESIDENT

SJPN TRUST, NIDASOSHI

**ABOUT DEPARTMENT**

The Hirasugar Institute of Technology, Nidasoshi was established in the Year 1996 with Electronics & Communication Engineering department as one among the four disciplines of Engineering to produce quality engineers in the field of Electronics and Communication under the divine spirit of his holiness Sriman Niranjana Pranava Swarupi Jagadguru Pancham Sri Shivalingeswar Maha Swamiji Siddha Sounsthan Math Nidasoshi, president of S.J.P.N.Trust.

Over 250 students are being educated in the highly qualified learning atmosphere which has an investment of about 90 lakh

rupees and for advanced tomorrow 8 lakh rupees investment has been planned to develop sophisticated learning environment.

The Department is having well experienced, qualified staff having good knowledge of both industry and academics and Staffs are attending various seminars & workshops regularly to upgrade themselves in different fields.

The department is having association of students & staff called ECSA (Electronics & Communication Students & Staff Association). The sole purpose of association is to bring out the hidden talents of students, technical & non- technical ,by organizing

different department level activities.

The department has a library with about 600 well stacked books. Students counseling is conducted and student's performance in I.A. test as well as attendance status is intimated to their parents for the purpose of monitoring.

**VISION**

To create Quality learning environment Supported by communication technologies where the students can achieve high level of excellence, develop innovative ideas & acquire leadership qualities.

**MISSION**

To provide quality engineers with technical skills, knowledge, attitude & to encompass the students to realize their potential to be successful in highly effective work place

**BLESSINGS FROM SWAMIJI**

'ಜಾಗತೀಕರಣ' ಇಂದು ವಿಶ್ವದ ಬಹುದೊಡ್ಡ ಬೆಳವಣಿಗೆಯಾಗಿದೆ. ಹಾಗಾಗಿ ಇದರ ಗುರಿಗಂತವ್ಯಗಳನ್ನರಿತು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಾಗಬೇಕಾಗಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ನಮ್ಮ ಕ್ರಿಸ್ತಿನ ಹಿರಾತುಗರ ಇಂಜಿನೀಯರಿಂಗ್ ಮಹಾವಿದ್ಯಾಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳು ಗುರಿಯನ್ನು ದಟ್ಟವಾಗಿ ಸಿಕ್ಕೊಂಡು ಪ್ರತಿಭೆಗಳಲ್ಲಿ ಮೆಲುಗೈ ಸಾಧಿಸುತ್ತಿರುವುದು ಹೆಮ್ಮೆ ಎನಿಸಿದೆ. ವಿಶೇಷವಾಗಿ ವಿದ್ಯಾನ್ಯಾಸ ಮತ್ತು ಸಂಪರ್ಕ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಾಧನೆ ಅಚ್ಚರಿ ಪಡುವಂತಹದೇ ಆಗಿದೆ. " ವಿದ್ಯಾರ್ಥಿಗಳ ಸಾಧನೆಯೇ ಸಂಸ್ಥೆಯ ಅಭಿವೃದ್ಧಿ." ಈ ನೋಟವಾಗಿ ಸ್ಮರಣ ಸಂಚಿಕೆ ಹೊರಬರುತ್ತಿರುವುದು ಸಂತೋಷದ ಸಂಗತಿ. ಮತ್ತಷ್ಟು-ಮತ್ತಷ್ಟು ವಿದ್ಯಾರ್ಥಿಗಳು ಜ್ಞಾನ ಹೊಂದಿ ' ವಿಶ್ವದ ನಿರ್ಮಾತ್ಮಗಳು' ಎಂಬ ಭಾಷೆಗೆ ಭಾಷ್ಯ ಬರೆಯಲಿ; ಈ ಬರೆಯಲಿ, ತ್ರಮಿಸುವ ಹೆಚ್ಚಿನ ಶಕ್ತಿಯನ್ನು ಶ್ರೀ ದುರದುಂಡೇಶ್ವರರು ಎಲ್ಲ 'ಗುರು' ವರ್ಗಕ್ಕೆ ನೀಡಲೆಂದು ಆಶಿಸುತ್ತೇವೆ.

ಶ್ರೀಮನ್ ನಿರಂಜನ ಜಗದ್ಗುರು ಪಂಚಮ ಶ್ರೀ ಶಿವಲಿಂಗೇಶ್ವರ ಮಹಾಸ್ವಾಮೀಜಿ ಸಿದ್ಧ ಸಂಸ್ಥಾನ ಮಠ, ನಿಡಾಸೋಸಿ ಮತ್ತು ಅಧ್ಯಕ್ಷರು, ಎಸ್.ಜಿ.ಪಿ.ಎನ್. ಕ್ರಿಸ್ತ.

**FROM PRINCIPAL'S DESK**

"I am very happy to learn that the faculty and staff members of the Department of Electronics & Communication Engineering have consistently bringing out the Department's News Letter very successfully. A Departmental News Letter helps in showcasing the activities done and the achievements made by the students, faculty, and staff members. It also proves to be a compendium for the future reference. Above all it helps in motivating and encouraging one and all in the Department to do more and more and to achieve more and more. I am confident that the Dept. of E&CE will continue this tradition and keep aloft the flag of the Dept as well as of the Institute.

I am pretty sure that the forthcoming issue will contain rich and vital inputs and I wish the same every success."

Dr. N. C. Hiremath



## FROM HEADS DESK



News letters are usually regarded as REFLECTORS , which reflects the achievements of the department. Success lies not in the result but in the effort 'ESOTERIC' reveals your efforts to attain success.

I wish 'ESOTERIC' Volume - 5 ignites your mind and soul to be a true engineer.

Prof. S. B. Akkole, HOD ECE

## DEPARTMENT ACHIVEMENTS

### Paper Presentations:

Deepa K & Rajashri B	Trigger It	HIT, Nidasoshi	21/09/13	1 <sup>st</sup> Prize
Gangadhar Hunachyli	Efficient Railway Reservation system Using Verilog	HIT, Nidasoshi	21/09/13	1 <sup>st</sup> Prize
Swati Y & Pooja K	Spintronics	HIT, Nidasoshi	21/09/13	2 <sup>nd</sup> Prize
Basavraj J & Bandenamaj M	Code Master	HIT, Nidasoshi	21/09/13	2 <sup>nd</sup> Prize
Meenaj G & Ashwini S	Trigger It	HIT, Nidasoshi	21/09/13	2 <sup>nd</sup> Prize
Madhuri N & Swetha B	Design & Implementation of News Paper Vending Machine Using Verilog HDL	Sanjay Bhokare Group of Institute, Miraj/SGBIT,Belgaum	28/02/14	1 <sup>st</sup> /2 <sup>nd</sup> Prize
Arati M & Gyatri P	Design & Implementation of Power Efficient Vedic Multiplier using Nikkilam Sutra	Sanjay Bhokare Group of Institute, Miraj/SGBIT,Belgaum	28/02/14	2 <sup>nd</sup> /1 <sup>st</sup> Prize
Yasin M,Siddogouda P & Kethan M	Robo Sumo Contest	IIT Bombay	09/03/14	3 <sup>rd</sup> Prize
Gnagadhar H & Vani W	Improvement in Medical field using Nano-Electronics	Tech-Symposium 2K14 at DKTE, Ichalakaranji	15/03/14	2 <sup>nd</sup> Prize
Pooja K & Swati Y	HDL Coding	SGBIT,Belgaum	21/03/14	1 <sup>st</sup> Prize
Vani W & Gangadhar H	Efficient Railway Reservation system Using Verilog	Jain College, Belgaum	21/03/14	1 <sup>st</sup> Prize
Sachin Sangli & Vijay Haragapure	Delay and Disruption Tolerent Networking in Internet and Satellite Communications	KLECET,Chikodi	27/03/14	2 <sup>nd</sup> Prize
Ketan Mutnale & Yasin Makandar	Robo War	MMEC,Belgaum	04/04/14	1 <sup>st</sup> / 2 <sup>nd</sup> Prize



Swati Yadav  
8th sem ECE  
Cleared  
GATE-2014

Project titled  
"Smart water supply Management for Metropolitan City"

By Rajashri B,  
Priya P,  
Ashwini S,  
Rohini K.  
is selected to  
KSCST,  
Bangalore

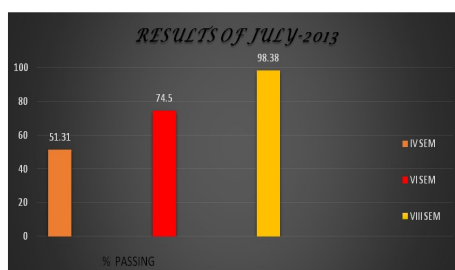
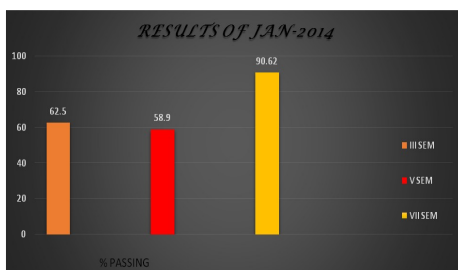
## WORKSHOP/SEMINAR/CONFERENCE/PUBLISHED/ATTENDED:

Sri.V.G.Guruwadeyar	Introduction to VLSI Design flow using CADENCE	BVB,Hubli	24-26 Jun-2013
Prof.S.S.Kamate	Workshop on VLSI Technology	MMEC,Belgaum	22-23 Aug-2013
Prof.D.B.Madhihalli & Prof.D.M.Kumbhar	Boosting I/p Voltage & Improving PF Using PFC Circuit	IRET,IJNTEC,Nagulapalli	Nov 2013
Prof.S.S.Patil & Prof.D.M.Kumbar	Overview of ARM Microcontroller & Its Application	SDMCET,Dharwad	28 Sept-2013
Prof.S.S.Ittannavar	FDP on "Advancements in Digital Image Processing & Project Based Teaching -Learning"	SDM,Dharwad	22-23 Nov 2013
Prof.K.A.Kumbar	Android Application Development	SJPN Trust's Polytechnic,Nidasoshi	17-18 Jan 2014
Prof.V.B.Dhere	An Efficient Object Tracking Method in Digital Wireless Communication System	Published with ISBN 978-81-920561-59 DYP CET, Kolhapur	25-Jan 2014
Sri P.S.Desai & Sri A.K.Talawar	Workshop on MatLab,Xilinx,Keil&,OrCad	SJBIT,Bangalore	28 to 30 Jan-2014
Prof.S.B.Akkole	Microwave,Antenna & Propagation for Modern Wireless Communications	Pune institute of Computer Technology,Pune	7-8 Feb-2014
Prof. S.S.Patil	FDP on Research Methodologies	BVBCET,Hubli	13-15 Feb-2014
Prof.V.K.Patil	The Power of FPGA & ASIC Design with Mentor Graphics Tools	GIT,Belgaum	10&11 Mar-2014
Prof.V.K.Patil,Prof.P.V.Patil&Prof. S.S.Ittannavar	Professional Android Application Development	HIT,Nidasoshi	15&16 Mar-2014
Prof.V.B.Dhere	Online Selection of Vehicle Tracking &Features based on KALAMAN Filter.	IJEA,ISSN:2320-0804	Mar-2014

## GUEST LECTURES/WORKSHOP CONDUCTED:

Prof.V.S.Doli,Head Civil Dept.,Jain College,Belgaum	Carrier Skills	All Sem	03/08/2013
Prof.PriyatamKumar,BVBCET,Hubli,was Successfully Organised and Co-Ordinated by Prof. Sachin S Patil	Concepts of FT & Application of Antenna	All Sem	31/10/2013
Prof V.B.Dhere,ECE Dept HIT,Nidasoshi, as Resource Person with supporting staff Desai sir,Talawar sir,Guruwadeyar sir was Successfully conducted.	3days Workshop on A Practical Approach to Electronics System Design	VI&VIII Sem	24&25th Oct 2013
Venkat R & Anup Justin, Techtalk Bangalore was Successfully Organised and Co-Ordinated by Prof.V.B.Dhere	Seminar on Awareness on Mat lab & Signal Processing	VI&VIII Sem	13/02/2014
Sri Shitalkumar Boraganve,Team Leader,Tech Mahendra was Successfully Organised and Co-Ordinated by Prof.N.M.Patel and Prof.D.B.Madhihalli	Workshop on Professional Android Application Development	VI&VIII Sem	15&16th Mar2014
Prof.Shivanand Kanavi	India & Digital Revolution & Energy Security in India	VI&VIII Sem	12/04/2014

## ACADEMIC EXCELLENCE:



A total of 13 Students from final year have been placed in different companies like TCS, Cognizent, Concierge, Online Instruments, Global Edge Software Ltd. and Spectrum Planning Services.

## TOPPERS

Rank	III Sem	IV Sem	V Sem	VI Sem	VII Sem	VIII Sem
First	Trupti Patil 79.11%	Chaitra Naganur 79.55%	Basavaraj Jaganuri 81.22%	Pooja Kalaje 75.77%	Gangadhar Hunachyali 79.44%	Amit Magadum 82.80%
Second	Bharat Nagannavar & Smeeta Khot 75.11%	Basavaraj Jaganuri 78.88%	Bhuvaneshwari Malagi 78.66%	Gangadhar Hunachyali 75.44%	Spurti Hiremath 76.44%	Shashikala Patil 82.26%



# PHOTO GALLERY

:-Traditional Day Celebration!! Funn....



Showing our Traditions!!!!!!



Mismatch Day!!!

General Championship For Girls



Workshop on Android!!!



ECSPA Events.....



Rang de ECSPA.....2K14



EDITORS: PROF. S. S. ITANNAVAR & MURAGEPPA PATIL, VI SEM