



S.J.P.N. TRUST'S

HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI

WE ARE ON WEB AT www.hsit.ac.in

Inculcating Values, Promoting Prosperity



Volume 8

2016-2017

Inside this issue:

ABOUT DEPARTMENT 1

BLESSINGS FROM SWAMIJI 1

FROM PRINCIPAL'S DESK 1

FROM HEAD'S DESK 2

DEPARTMENT ACTIVITIES & ACHIVEMNTS 3

ACADEMIC EXCELLENCE 3

PHOTO GALARY 4

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 Nirnanjan Pranava Swarupi Jagadguru Pancham Sri Shivalingeswar Maha Swamiji Siddha Sounsthan Math Nidasoshi, president of S.J.P.N.Trust.

lakh rupees and for advanced tomorrow 13.07 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 be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain as a source of pride for its commitment to holistic development of individual and society"

MISSION

"To continuously strive 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"



PRESIDENT

SJPN TRUST, NIDASOSHI

Over 247 plus students are being educated in the highly qualified learning atmosphere which has an investment of about 94.31

BLESSINGS FROM SWAMIJI

'ಜಾಗತೀಕರಣ' ಇಂದು ವಿಶ್ವದ ಬಹುದೊಡ್ಡ ಬೆಳವಣಿಗೆಯಾಗಿದೆ. ಹಾಗಾಗಿ ಇದರ ಗುರಿಗಂತವ್ಯಗಳನ್ನರಿತು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಾಗಬೇಕಾಗಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ನಮ್ಮ ಕ್ರಿಸ್ತಿನ ಹಿರಾತುಗರ ಇಂಜಿನಿಯರಿಂಗ್ 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 ನಿರ್ಮಾಪಕರು' ಎಂಬ ಭಾಷೆಗೆ ಭಾಷ್ಯ ಬರೆಯಲಿ; ಈ ಬಗ್ಗೆಯಲ್ಲಿ ತ್ರಮಿಸುವ ಹೆಚ್ಚಿನ ಶಕ್ತಿಯನ್ನು ಶ್ರೀ ದುರದುಂಡೇಶ್ವರರು ಎಲ್ಲ 'ಗುರು' ವರ್ಗಕ್ಕೆ ನೀಡಲೆಂದು ಆಶಿಸುತ್ತೇವೆ.

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

FROM PRINCIPAL'S DESK

" I am delighted to know that department of Electronics and Communication of H.I.T is coming out with its Seventh Volume of Department News Letter "ESOTERIC".I hope and trust the News letter does the wonderful job of projecting accurately every worthy event and achievement of H.I.T Nidasoshi. It necessarily provides all the information that is awaited by all who cherish H.I.T.

I take this opportunity to assure all the students bright future and quality campus life. I also thank and congratulate the creative and enthusiastic editorial team for their sincere and dedicated efforts in bringing out this News letter."



PRINCIPAL

H.I.T, NIDASOSHI

Dr. S. C. Kamate

FROM HEADS DESK



News letters are usually regarded as REFLECTORS , which shows the goals and achievements of the department. Success lies not in the result but in the effort. 'ESOTERIC' reveals our efforts towards overall development of department for the academic year 2016-17.

I wish 'ESOTERIC' Volume - 8 ignites your mind and soul to be a true engineer.

Prof. M. M. Gadag, HOD ECE

DEPARTMENT ACHIVEMENTS

Paper Presentations:

Faimmem Naik & Mayuri Jadhav	Paper Presentation	HIT, Nidasoshi	10/09/15	1 st Prize
Nootan Kankanwadi & Pooja Nerli	Paper Presentation	HIT, Nidasoshi	10/09/15	3 rd Prize
Bhagyashri Halluri & Hema Chougala	Paper Presentation	Santa Gajanan Maharaj Engineering College, Mahagoan.	15/3/16	1 st Prize



Miss.
Priyanka
Bhosale 8th
sem ECE
Cleared
GATE-2017

100% RESULTS ACHIEVED BY FACULTY:

Name of Faculty	Subjects
Prof. M. M. Gadag	Optical Fibre Communication
Prof. S. S. Malaj	Real Time Operating Systems, RTS
Prof. S. S. Patil	Network Security
Prof. N. M. Patel	Wireless Communication, Management and Entrepreneurship, DSP Architectures and Algorithms
Prof. N. K. Honnagoudar	HPCN
Prof. V. B. Dhere	Programming in C++
Prof. S. S. Itannavar	Digital Switching Systems
Prof. S. B. Akkole	Satellite Communication

WORKSHOP/SEMINAR/CONFERENCE/PUBLISHED/ATTENDED:

Prof.N.K.Honnagoudar	Feeding techniques to improve bandwidth of micro strip antenna	Vol. 12, Issue No. 25, pp No 171-174, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Pramod V Patil	Implementation of soft error-resilient built-in 2d hamming product code using Verilog	Vol. 12, Issue No. 25, pp No 198-202, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Dhere V B.	An Efficient N Bit multiplier design based on Vedic mathematics	Vol. 12, Issue No. 25, pp No 208-211, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. S S Itannavar	Analysis of Motion Estimation and Compensation for Video Compression	Vol. 12, Issue No. 25, pp No 246-251, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Nyamatulla M Patel	High speed area efficient 32 bit Wallace tree multiplier	Vol. 12, Issue No. 25, pp No 231-235, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. S S Kamate & Prof. S S Malaj	Design and Implementation of low power CMOS Flash ADC in cadence tool	Vol. 12, Issue No. 25, pp No 239-242, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Pramod V Patil	Implementation of RISC processor using Verilog	Vol. 12, Issue No. 25, pp No 252-255, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. D B Madihalli	Preprocessing Techniques for Enhancement of MRI Brain Images	Vol. 12, Issue No. 25, pp No 266-269, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Nyamatulla M Patel	Object recognition using symbolic similarity analysis	Vol. 12, Issue No. 25, pp No 270-278, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. S S Itannavar	Comparative Study of Spatial Domain Image Enhancement Techniques	Vol. 12, Issue No. 25, pp No 284-287, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. S S Patil	Design and implementation of 8 bit barrel Shifter using 2:1 multiplexer in Verilog	Vol. 12, Issue No. 25, pp No 296-299, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. Mahesh M Gadag	Design of Different Feeding Techniques of Rectangular Micro strip Antenna for 2.4ghz RFID Applications Using IE3D	Vol. 12, Issue No. 25, pp No 203-207, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. S B Akkole	Size reduction and multiband operation of micro strip antennas using fractal geometry for wireless applications: a review	Vol. 12, Issue No. 25, pp No 180-186, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof. V. V. Guruwod-eyar	Biological Earthing for Domestic Installations.	Vol. 12, Issue No. 25, pp No 655-660, (Special Issue), ISSN 2230-9659.	Dec-2016.
Prof.D.M.Kumbar	MPPT Controller using Fuzzy logic.	Vol. 12, Issue No. 25, pp No 661-667, (Special Issue), ISSN 2230-9659.	Dec-2016.

FACULTY REGISTERED FOR PH.D IN 2016-17:

Name of Faculty	Research Area	University
Prof. S. S.Kamate	VLSI	VTU, Belagavi

ACADEMIC EXCELLENCE:



A total of 29 Students from final year have been placed in different companies like Robert Bosch, Tata Elxsi, Fidrox Technologies, Online Instruments.

TOPPERS

Rank	III Sem	IV Sem	V Sem	VI Sem	VII Sem	VIII Sem
First	Sangamesh Udageri 8.86/10	Ashwini V Patil 72.89%	Gazalatabassum Alan 79.88%	Bhagyashri Halluri 78.67%	Jyotsna Lokare 76.88%	Smeeta Khot 83.86%
Second	Shreya Musale 8.57/10	Snehal Marabille 70.11%	Ashwini R Patil 79.11%	Ashwini V Patil 73.67%	Ashwini V Patil 76.00%	Anita Jadhav 83.46%

PHOTO GALLERY



EDITOR:-PROF. S. S. ITANNAVAR