



ESOTERIC

Newsletter

Group of People with Special Knowledge.....



Academic Year 2020-21

Electronics and Communication Engineering Department, Hirasugar Institute of Technology, Nidasoshi

Volume 12

ABOUT DEPARTMENT

The S. J. P. N Trust's, Hirasugar Institute of Technology, Nidasoshi was established in the Year 1996 with Electronics & Communication Engineering department as one among the five disciplines of Engineering to produce quality engineers in the field of Electronics and Communication under the divine spirit of his holiness Sriman Niranjan Pranava Swarupi Jagadguru Pancham Sri Shivalingeswar Maha Swamiji Siddha Sounsthan Math Nidasoshi, president of S. J .P. N. Trust. Over 150 plus students are being educated in the highly qualified learning atmosphere which has an investment of about 1.06 Crore rupees and for advanced tomorrow 2.20 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 and 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 821 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.

BLESSINGS FROM MAHASWAMIJI



PRESIDENT
S.J.P.N. TRUST, NIDASOSHI

‘ಜಾಗತೀಕರಣ’ ಇಂದು ವಿಶ್ವದ ಬಹುದೊಡ್ಡ ಬೆಳವಣಿಗೆಯಾಗಿದೆ. ಹಾಗಾಗಿ ಇದರ ಗುರಿಗಂತವ್ಯಗಳನ್ನರಿತು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಾಗಬೇಕಾಗಿದೆ. ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ನಮ್ಮ ಟ್ರಸ್ಟಿನ ಹಿರಾಶುಗರ ಇಂಜಿನಿಯರಿಂಗ್ ಮಹಾವಿದ್ಯಾಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳು ಗುರಿಯನ್ನು ದಟ್ಟವಾಗಿಸಿಕೊಂಡು ಪ್ರತಿಭೆಗಳಲ್ಲಿ ಮೆಲುಗೈ ಸಾಧಿಸುತ್ತಿರುವುದು ಹೆಮ್ಮೆ ಎನಿಸಿದೆ. ವಿಶೇಷವಾಗಿ ವಿದ್ಯುನ್ಮಾನ 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 ಭಾಷ್ಯೆ ಬರೆಯಲಿ; ಈ ಬಗೆಯಲ್ಲಿ ಶ್ರಮಿಸುವ ಹೆಚ್ಚಿನ ಶಕ್ತಿಯನ್ನು ಶ್ರೀ ದುರದುಂಡೀಶ್ವರರು ಎಲ್ಲ ಗುರು ವರ್ಗಕ್ಕೆ ನೀಡಲೆಂದು ಆಶಿಸುತ್ತೇವೆ.

ಶ್ರೀಮನ್ ನಿರಂಜನ ಜಗದ್ಗುರು ಪಂಚಮ ಶ್ರೀ ಶಿವಲಿಂಗೇಶ್ವರ ಮಹಾಸ್ವಾಮೀಜಿ
ಸಿದ್ಧಸಂಸ್ಥಾನಮಠ, ನಿಡಸೋಸಿ ಮತ್ತು ಅಧ್ಯಕ್ಷರು, ಎಸ್.ಜೆ.ಪಿ.ಎನ್. ಟ್ರಸ್ಟ್

DEPARTMENT VISION

"To be the centre of excellence in providing education in the field of Electronics and Communication Engineering to produce technically competent and socially responsible engineering graduates"

DEPARTMENT MISSION

"Educating students to prepare them for professional competencies in the broader areas of the Electronics and Communication Engineering field by inculcating analytical skills, research abilities and encouraging culture of continuous learning for solving real time problems using modern tools"

PEO'S

PEO 1:

Acquire core competence in Applied Science, Mathematics, and Electronics and Communication Engineering fundamentals to excel in professional carrier and higher study.

PEO 2:

Design, Demonstrate and Analyze the Electronic Systems which are useful to society.

PEO 3:

Maintain Professional and Ethical values, Employability skills, Multi disciplinary approach and an Ability to realize Engineering issues to broader social contest by engaging in lifelong learning.

FROM PRINCIPAL'S DESK



PRINCIPAL H.I.T, NIDASOSHI

"I am delighted to know that department of Electronics and Communication of HSIT is coming out with its 12th 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 HSIT Nidasoshi. It necessarily provides all the information that is awaited by stake holders.

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."

Dr. S. C. Kamate
Principal

FROM HOD DESK



I am happy to know that our Electronics and Communication Engineering department is coming out with its 12th volume of department's News Letter "ESOTERIC". I hope and assure that the Newsletter does the wonderful job of projecting every worthy department events accurately and achievements of H.I.T Nidasoshi. It necessarily provides all the information that is awaited by all who cherish Hirasugar Institute of Technology.

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

Prof. S. B. Akkole
HOD, ECE, HSIT, NIDASOSHI

FACULTY MEMBERS

NAME	DESIGNATION	EXPERIENCE	QUALIFICATION
Dr. Ravi M. Yadahalli	Professor	27	Ph. D
Dr. R. R. Maggavi	Associate Professor	17	Ph. D
Prof. M. M. Gadag	Assistant Professor	31	M. Tech (Ph. D)
Prof. S. B. Akkole	HOD& Assistant Professor	26	M. Tech (Ph. D)
Prof. S. S. Kamate	Assistant Professor	18	M. Tech (Ph. D)
Prof. S. S. Malaj	Assistant Professor	24	M. Tech
Prof. S. S. Patil	Assistant Professor	17	M. Tech (Ph. D)
Prof. D. M. Kumbhar	Assistant Professor	22	M. Tech
Prof. D. B. Madihalli	Assistant Professor	14	M. Tech
Prof. P. V. Patil	Assistant Professor	09	M. Tech
Prof. S. S. Ittannavar	Assistant Professor	08	M. Tech (Ph. D)
Prof. B. P. Khot	Assistant Professor	05	M. Tech

TECHNICAL SUPPORTING STAFF

NAME	DESIGNATION	EXPERIENCE	QUALIFICATION
Shri. P. S. Desai	Foreman	25	DEC
Shri. V. V. Guruvadeyar	Instructor	25	DEC
Shri. M. A. Attar	Instructor	18	DEC

MINISTERIAL STAFF

NAME	DESIGNATION	EXPERIENCE	QUALIFICATION
Shri. B. D. Gurav	Helper	25	S. S. L. C
Shri. C. S. Sooji	Helper	23	S. S. L. C



DEPARTMENT TOPPERS OF THE ACADEMIC YEAR 2020-21

Rank	III Sem	IV Sem	V Sem	VI Sem	VII Sem	VIII Sem
First	BHAGYASHREE MADIHALLI & SHRADDHA ALAGOUDA 82.67%	BHAGYASHREE MADIHALLI 85%	NEELEMA NAIK 85.89%	NEELEMA NAIK 88.75%	DANAMMA NERLI & LAXMI PATIL 88%	NISARGA BAGALKOT 91.14%
Second	HARSHITA GOUDADI & SWAPNA JIRALE 81.11%	SHRADDHA ALAGOUDA 84.67%	ROOPA DESAI 85.56%	ROOPA DESAI 87.87%	KIRAN KELAGINAMANI 87.5%	KIRAN KELAGINAMANI & LAXMI PATIL 90.57%
Third	ANKET CHOUGALA 80.44%	SWAPNA JIRALE 84.44%	POOJA PHATINGE 83.89%	POOJA PHATINGE 87.37%	MEENAKSHI PATIL 87.37%	NIKHITA MANE 90.42%

STUDENTS ACHIEVEMENT IN EVENTS FROM 2020-21

Sl. No.	Name of the event	Participants Name	Venue	Date	Prize	National/ State/ Inter College Level
1	Quiz Competition	Akshata Patil	KLE College of Engineering and Technology, Chikodi	12 th to 19 th June 2020	Participant	National
2	Webinar- CAD Tools for VLSI Design	Sunita Karabasannavar	VSM's Institute of Technology, Nipani	13 th June 2020	Participant	National
3	JOSH Scholarship Test	Sunita Karabasannavar	Ethnus Group	17 th June 2020	Participant	National
4	Webinar- An Introduction and overview of AWS Cloud Computing	Sunita Karabasannavar	Vemana Institute of Technology, Banagalore	24 th June 2020	Participant	National
5	Webinar- Trends in VLSI Design & Cloud Computing	Sunita Karabasannavar	B.L.D.E.A.A's P.G.Halakatti College of Engg and Tech, Vijayapur	03 rd and 04 th July 2020	Participant	Institute
6	Webinar- Hands on with GitHub API	Sunita Karabasannavar	GitHub	07 th July 2020	Participant	Institute
7	Workshop on Android App Development without Coding	Sunita Karabasannavar	Jain College of Engineering and Tech, Belagavi	13 th to 17 th July 2020	Participant	Institute

STUDENTS ACHIEVEMENT IN TECHNICAL EVENT FROM 2020-21

Sl. No.	Name of the event	Participants Name	Venue	Date	Prize	National/ State/ Inter College Level
1	Innovation 2K20 Paper Presentation	Kavita Patil	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
2	Innovation 2K20 Paper Presentation	Aishwarya Patil	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
3	Innovation 2K20 Paper Presentation	Gangadhar Girgave	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
4	Innovation 2K20 Paper Presentation	Veenashri Borgalli	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
5	Innovation 2K20 Paper Presentation	Akshay Pawar	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
6	Innovation 2K20 Paper Presentation	Chaitra Veerakathmath	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
7	Innovation 2K20	Sunita Karabasannavar	Sharad Institute of Technology, College of Engineering, Yadav	10 th March 2020	Participant	National
8	TechGig C Beginner Skill Test	Akshata Patil	TimesJobs and TechGig	20 th April 2020	Participant	National

DETAILS OF INDUSTRIAL TRAINING UNDERGONE IN THE ACADEMIC YEAR 2020-21

SL. NO.	NAME OF THE STUDENT	USN	NAME OF THE UNDERGONE INTERNSHIP COMPANY
1	ABHISHEK MALGONDKAR	2HN17EC001	Cleverbert Solutions, Bangalore
2	ADARSH MADIHALLI	2HN17EC002	Cleverbert Solutions, Bangalore
3	AISHWARYA N PATIL	2HN17EC003	Cleverbert Solutions, Bangalore
4	AKSHATA SHIVANNAVAR	2HN17EC004	Cleverbert Solutions, Bangalore
5	AMOGH DADDI	2HN17EC005	Cleverbert Solutions, Bangalore
6	ARPITA BHAJANTRI	2HN17EC006	Cleverbert Solutions, Bangalore
7	ASHWINI R KORI	2HN17EC007	Cleverbert Solutions, Bangalore
8	AVINASH SUNTHE	2HN17EC008	Cleverbert Solutions, Bangalore
9	DANAMMA I NERLI	2HN17EC009	Cleverbert Solutions, Bangalore
10	KIRAN KELAGINAMANI	2HN17EC010	Cleverbert Solutions, Bangalore
11	LAXMI PATIL	2HN17EC011	Cleverbert Solutions, Bangalore
12	MALLIKARJUN S. PARANDI	2HN17EC012	Cleverbert Solutions, Bangalore
13	MEENAKSHI B.PATIL	2HN17EC013	Cleverbert Solutions, Bangalore
14	NIKHITA S MANE	2HN17EC014	Cleverbert Solutions, Bangalore
15	NISARGA BAGALKOT	2HN17EC015	Cleverbert Solutions, Bangalore
16	NITYASHREE P.PATIL	2HN17EC016	Cleverbert Solutions, Bangalore
17	PAVITRA S RANJANAGI	2HN17EC017	Cleverbert Solutions, Bangalore
18	PRAJAKTA MARADI	2HN17EC019	Cleverbert Solutions, Bangalore
19	PRAVEENKUMAR ANKAD	2HN17EC020	Cleverbert Solutions, Bangalore
20	PREETI MASODAGE	2HN17EC021	Cleverbert Solutions, Bangalore
21	PRIYANKA TELAGADE	2HN17EC022	Cleverbert Solutions, Bangalore
22	SANGEETA RAGHA	2HN17EC023	Cleverbert Solutions, Bangalore
23	SAPNA T. YEGAPPAGOL	2HN17EC024	Cleverbert Solutions, Bangalore
24	SHIVANI U KANERKAR	2HN17EC025	Cleverbert Solutions, Bangalore
25	SHRADDHA S MURADUNDE	2HN17EC026	Cleverbert Solutions, Bangalore
26	SHRUTI MURADUNDE	2HN17EC027	Cleverbert Solutions, Bangalore
27	SNEHA BANNURI	2HN17EC028	Cleverbert Solutions, Bangalore
28	SNEHAL GURAV	2HN17EC029	Cleverbert Solutions, Bangalore
29	SUNITA R HAMIDWADE	2HN17EC030	Cleverbert Solutions, Bangalore
30	SUPRIYA D.KULKARNI	2HN17EC031	Cleverbert Solutions, Bangalore
31	SUREKHA HUBBALLI	2HN17EC032	Cleverbert Solutions, Bangalore
32	VAISHALI N.MUCHANDI	2HN17EC033	Cleverbert Solutions, Bangalore
33	VEENA PATIL	2HN17EC035	Cleverbert Solutions, Bangalore
34	VINAYAK TUPPAROTTI	2HN17EC037	Cleverbert Solutions, Bangalore
35	SAHANA GUDASI	2HN16EC029	Cleverbert Solutions, Bangalore

DEPARTMENT ACTIVITIES FOR THE ACADEMIC YEAR 2020-21

SL. NO.	NAME OF THE EVENT	RESOURCE PERSON	EVENT COORDINATORS
01	Solutions, Bangalore Webinar on "Education in Abroad"	Ms. Benazir Shaikh, Director, Transcend Institute of Foreign Services, Belagavi.	Prof. S. S. Patil
02	Webinar on "Art of Success for Civil Services"	Mr. Jojo Mathew, Founder Executive Director & CEO, ALS, Delhi	Prof. S. S. Patil
03	Three days Online National Level FDP on "Advanced Research Trends in Image Processing"	1. Dr. Maheshkumar H. Kolekar, Associate Professor, IIT, Patna 2. Dr. Lakshman Mahto, Assistant Professor, IIT, Dharwad 3. Dr. Shyam Lal, Assistant Professor, NITK, Surathkal 4. Dr. Yogesh B. Shelke, Assistant Manager, ARANCA, Mumbai 5. Dr. Shashidhar Koolagudi, Associate Professor, NITK, Surathkal 6. Dr. Chinmay Chakraborty, Assistant Professor, BIT, Mesra	Prof. D. B. Madihalli Prof. S. S. Ittannavar Prof. B. P. Khot
04	Five Days Online STTP on "Exploring Pointers in C"	1. Dr. S. S. Naval Gund, SDMCET, Dharwad 2. Prof. S. K. Shirakol, SDMCET, Dharwad 3. Prof. K. E. Marali, SDMCET, Dharwad	Prof. S. B. Akkole Prof. P. V. Patil
05	Webinar on "H1B, COVID your American Education Dream"	Ms. Shabnam Banu, National Admissions Manager, Manya Education, Bengaluru	Prof. D. B. Madihalli
06	Webinar on "Mental Health Management"	Mrs. Angeli Pandit, Counsellor, Mind Funda, Belagavi	Prof. B. P. Khot
07	Webinar on "CAT Exam & Career in Management"	Mr. Cherian Thomas, Chief Mentor, IMS, Karnataka	Prof. D. B. Madihalli
08	Webinar on "Applying Vedic Wisdom for Professional Success"	Dr. P. R. Mukund, Professor, Rochester Institute of Technology, USA	Prof. S. B. Akkole Prof. S. S. Ittannavar
09	Webinar on "Career as Officer in Indian Armed Forces"	Lt. Col. Dr. N. S. Rao, Ex Assessor-SSB, Hyderabad	Prof. M. M. Gadag
10	Webinar on "Mastering Virtual Interviews & Getting First Job"	Mr. Vinod Prabhu, Seventh Sense Solutions, Bengaluru	Prof. D. M. Kumbhar
11	Webinar on "Professional Communication Skills"	Mr. B. Jaiprakash Rau, IRS, Hyderabad	Prof. S. S. Kamate
12	Webinar on "Ethics in Engineering"	Mr. B. Jaiprakash Rau, IRS, Hyderabad	Prof. S. S. Kamate

FACULTY DEVELOPMENT INITIATIVES 2020-21

Sl. No	Name of the Faculty	Name of the Workshop/ Short term Course Attended	Venue	Date
1	Prof. M. M. Gadag	3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
2	Prof. S. B. Akkole	5-Days Online FDP on "Recent Trends in Electronics & Communication Engineering"	C. M. R. I. T, Bengaluru	10/08/2020 to 14/08/2020
		4-Days online course on " Exploring Pointers in C"	H.I.T, Nidasoshi	16/07/2020 to 20/07/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
		5-Days Online FDP on " Contemporary Research Trends in Electronics & Communications, and Computer Science"	VTU Regional Office, Kalaburgi	06/07/2020 to 10/07/2020
3	Prof. S. S. Malaj	6-Days online STTP on "Battery Management & Control Techniques in Electric Vehicles"	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		6-Days FDP on " High Impact Teaching and Learning Skills - I"	Nehru College of Engineering & Research Centre, Kerala	30/11/2020 to 05/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
4	Prof. S. S. Kamate	6-Days online STTP on "Battery Management & Control Techniques in Electric Vehicles"	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
5	Prof. D. M. Kumbhar	6-Days online STTP on "Battery Management & Control Techniques in Electric Vehicles"	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
6	Prof. S. S. Patil	6-Days online STTP on "Battery Management & Control Techniques in Electric Vehicles"	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020

FACULTY DEVELOPMENT INITIATIVES 2020-21

Sl. No	Name of the Faculty	Name of the Workshop/ Short term Course Attended	Venue	Date
7	Prof. D. B. Madihalli	6-Days online STTP on “Battery Management & Control Techniques in Electric Vehicles”	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		5-Days Webinar Series FDP on “Advances in Signal Processing & their Applications”	PES Institute of Technology & Management, Shivamogga	27/07/2020 to 31/07/2020
		5-Days online FDP on “Applications of Image Prtocessing”	St. Joseph’s College of Engineering, Chennai	14/07/2020 to 18/07/2020
8	Prof. P. V. Patil	6-Days online STTP on “Battery Management & Control Techniques in Electric Vehicles”	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
9	Prof. S. S. Itannavar	6-Days online STTP on “Battery Management & Control Techniques in Electric Vehicles”	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days National Level Online FDP on "Advanced Research Trends in Image Processing"	H.I.T, Nidasoshi	14/07/2020 to 16/07/2020
		5-Days online FDP on “Advances in Artificial Intelligence, Machine Learning and Robotics”	VVCE, Mysuru	06/07/2020 to 10/07/2020
10	Prof. B. P. Khot	6-Days online STTP on “Battery Management & Control Techniques in Electric Vehicles”	H.I.T, Nidasoshi	14/12/2020 to 19/12/2020
		3-Days FDP on “Recent Trends in Wireless Communication Technologies”	Bangalore Institute of Technology, Bangalore	03/08/2020 to 05/08/2020
		One -Week FDP on “AI and Data Science”	Rajarshi College of Engineering, Pune	22/07/2020 to 26/07/2020
		5-Days online FDP on “Applications of Image Prtocessing”	St. Joseph’s College of Engineering, Chennai	14/07/2020 to 18/07/2020
		5-Days Online FDP on “Contemporary Research Trends in Electronics & Communications, and Computer Science”	VTU Regional Office, Kalaburgi	06/07/2020 to 10/07/2020
		One-Week FDP on “Recent Trends in Data Science”	Theem College of Engineering, Maharashtra	01/07/2020 to 05/07/2020

RESEARCH PAPERS PUBLISHED IN JOURNALS / CONFERENCE BY FACULTIES OF THE ACADEMIC YEAR 2020-21

Sl. No.	Name of the Faculty	Publication details	DOI	Citation	No. of Publications
1	Prof. S. B. Akkole	Suresh, Akkole and Vasudevan,N. and Sakthidasan, K. (2020). Energy Efficient Multi-Band Square Fractal Microstrip Antenna for Sustainable Development in Wireless Communication. Journal of Green Engineering.,10(9):5045-5056.	--	--	03
		Suresh, Akkole and Vasudevan,N. (2020).Square Microstrip Patch Antenna For Wireless Communication Using EBG Structure. International Journal of Future Generation Communication and Networking., 13(3): 1035–1041.	ISSN: 2233-7857	--	
		Suresh Akkole, N. Vasudevan, “Compact Multiband Microstrip Fractal Antenna Design for Wireless Applications –An Overview”, Fourth International Conference on Electronics, Communication and Aerospace Technology (ICECA-2020) IEEE Xplore Part Number: CFP20J88-ART;978-1-7281-6387-1/20/\$31.00 ©2020 IEEE.	ISBN: 978-1-7281-6387-1	--	
2	Prof. S. S. Kamate	Kamate, S.S. and Rajani, H.P., 2021. Design and Implementation of 3-bit Flash Analog to Digital Converter for Low Power and High Speed Applications with New Ex- OR Based ROM Encoder. In Advances in Electrical and Computer Technologies: Select Proceedings of ICAECT 2020 (pp. 613-626). Springer Singapore. (Scopus indexed)	10.1007/978-981-15-9019-1, ISSN : 1876-1100	--	04
		Kamate, SS (Kamate, Sujata S.); Rajani, HP (Rajani, H. P.) ; Mallaraddi, V (Mallaraddi, Vidyavati) Designing A Novel Architecture to Reduce Stand by and Dynamic Power Dissipation for Sleepy Keeper CMOS Logic Circuits Published in Journal of Bioscience Biotechnology Research Communications, Volume: 13, Issue: 13, Pages: 144-149, 2020 (E-SCI indexed).	10.21786 /bbrc/13. 13/20	--	
		Kamate, SS (Kamate, Sujata S.); Rajani, HP (Rajani, H. P.) ; Mallaraddi, V (Mallaraddi, Vidyavati) “Efficient Design Techniques of Flash ADC for High Speed and Ultra Low Power Applications” Published in Journal of Bioscience Biotechnology Research Communications,Volume: 13,Issue: 13,Pages: 144-149. December 2020. (E-SCI indexed)	10.21786 /bbrc/13. 13/20	--	
		Prof. Sachin S. Patil, Prof. Sujata S. Kamate,“Design Of Efficient 32-Bit Floating Pointmultiplier Using Standard IEEE 754”, Journal of Emerging Technologies and Innovative Research, vol.7, issue 10, pp. 3160 – 3182 , October 2020.	ISSN- 2349-5162	--	

RESEARCH PAPERS PUBLISHED IN JOURNALS / CONFERENCE BY FACULTIES OF THE ACADEMIC YEAR 2020-21

Sl. No.	Name of the Faculty	Publication details	DOI	Citation	No. of Publications
3	Prof. D. M. Kumbhar	Prof. Dattatray M. Kumbhar, Miss Vidya Kesti, "Smart Floor Cleaning Robot", Journal of Emerging Technologies and Innovative Research, vol.7, issue 10, pp. 2397 – 2401 , October 2020.	ISSN-2349-5162	--	01
4	Prof. S. S. Patil	Prof. Sachin S. Patil, Prof. Sujata S. Kamate, "Design Of Efficient 32-Bit Floating Pointmultiplier Using Standard IEEE 754", Journal of Emerging Technologies and Innovative Research, vol.7, issue 10, pp. 3160 – 3182 , October 2020.	ISSN-2349-5162	--	01
5	Prof. D. B. Madihalli	D.B.Madihalli, Sangamesh Kodekalmath, "Wireless Black Box System for Vehicles ", Journal of Emerging Technologies and Innovative Research, vol.7, issue 8 , pp. 301-304, August 2020.	ISSN : 2349-5162	--	01
6	Prof. P. V. Patil	Promod V. Patil, Gangadhar girgave, " Village Water Quality And Air Pollution Monitoring System", Proceedings of International Conference on Computing, Communication & Information Technology (I3CIT 2020), pp. 289-295, July 2020.	ISBN 978-93-5407-928-3	--	02
		Pramod V Patil, Sagar S Birde, "Smart Agricultural System", Journal of Emerging Technologies and Innovative Research, vol.7, issue 10, pp. 3848 – 3850 , October 2020.	ISSN-2349-5162	--	
7	Prof. S. S. Ittannavar	S. S. Ittannavar, R. H. Havaladar, "Detection of breast cancer using the infinite feature selection with genetic algorithm and deep neural network", © The Author(s), under exclusive licence to Springer Science+Business Media, LLC, part of Springer Nature 2021	https://doi.org/10.1007/s10619-021-07355-w	--	02
		S. S. Ittannavar, B. P. Khot, R. H. Havaladar, "Deep Convolutional Neural Networks for Early Detection of Breast Cancer", Proceedings of International Conference on Computing, Communication & Information Technology (I3CIT 2020), pp. 113-119 July, 2020.	ISBN 978-93-5407-928-3	--	
8	Prof. B. P. Khot	S. S. Ittannavar, B. P. Khot, R. H. Havaladar, "Deep Convolutional Neural Networks for Early Detection of Breast Cancer", Proceedings of International Conference on Computing, Communication & Information Technology (I3CIT 2020), pp. 113-119 July 2020.	ISBN 978-93-5407-928-3	--	01

VGST SPONSERED PROJECTS

SL. NO	TITLE	Principal Investigator	AMOUNT IN RS	SPONSERED BY	DATE
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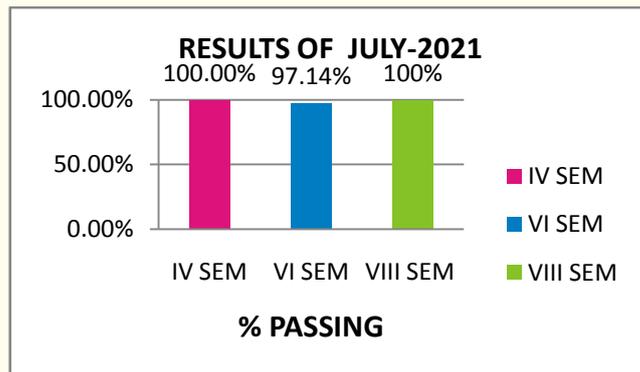
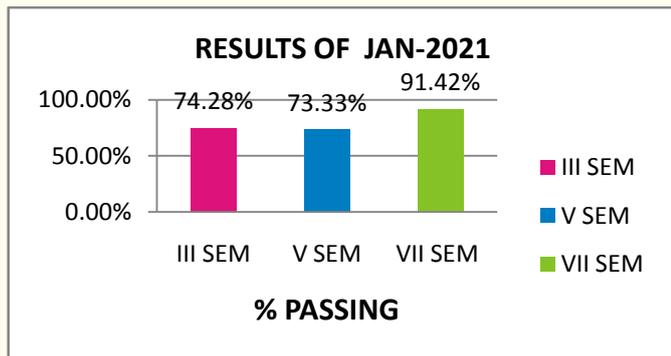
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2020-21 Graduates with Staff

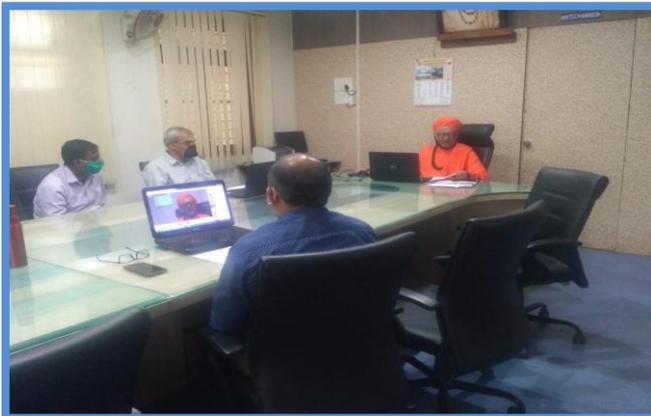


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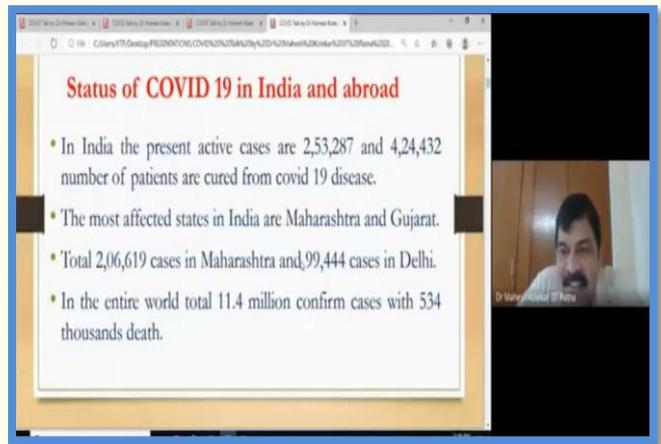


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