

Sri Vasavi Engineering College

Pedatadepalli, Tadepalligudem

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
& Accredited with NAAC 'A' Grade)



Electro Nivedika

- Voice of ECE

A Quarterly Newsletter

Volume 4 Issue 2

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PROUDLY PRESENTED BY
DEPARTMENT OF ECE

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Events conducted in the department

Engineer's Day Celebrations

VEDA- Victorious Electronics with Dynamic Aspirants, association of ECE, had organized Engineer's Day on account of birth anniversary of his excellency Sir Mokshagundam Visveswaraya on 15th September, 2017. Competitions conducted were Project Expo, Treasure Hunt, Quiz and Paper Presentation.



Mr. Vamsi, Ms. Priya and Ms. Bindu of III year ECE exhibiting their project 5-DOF Robotic Arm with Wheeled Base



Ms. Leela Ramani of II year ECE exhibiting her project titled TFT Digital Clock



Students of III year Diploma explaining their project to the President and Director



Students of II year B.Tech explaining their floor cleaning robot project to the President



Dr. J. Srihari Rao, Director addressing the gathering during the valedictory function



Dr. E. Kasuma Kumari, HOD, addressing the gathering during the Valedictory function



Ms. K. G. L. Satya Sree of II year ECE receiving prize for Paper Presentation competition



Ms. K. Bhavya Sri of III year ECE receiving prize for Paper Presentation competition



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Guest Lectures

MIMO in next generation wireless communication:

IETE Students' Forum (ISF) of the department organized a guest lecture on "MIMO in next generation wireless communication" by Dr Ayyem pillai, Professor, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad on 9th September 2017. He has incredible knowledge in the field of wireless communication.

Students of final year, and faculty attended the lecture.



Dr. Ayyem Pillai explaining the selection of receiving Antenna to final year ECE students



Dr. E. Kasuma Kamari, HOD, ECE welcoming the participants to the Guest Lecture



Ms. Sowkha of final ECE delivering vote of thanks for the program



Sri Srinivas & Sri Kishore presenting memento to the Guest Faculty



Industrial Visit

Department had organized two Industrial Visits in the month of October 2017 for the benefit of students. 64 students of IV year visited Prasara Bharathi, Doordarshan (H.P.T), Doppler Weather station, Kailasagiri, Visakhapatnam and TV station, Simhachalam during 6th & 7th October & accompanied by 5 faculty- Sri M. Kishore Kumar, Sri G.S.Bhaskara Rao, Ms. Ch. Jyotsna Rani, Smt. K. Bhagya Lakshmi & Smt. A. Nalinee Kumari. 130 students of III year ECE visited SDSC-SHAR situated at Sriharikota, Nellore District during 28th & 30th October, 2018 & accompanied by 6 faculty- Sri Thota Srinivas, Sri. M. Subba Rao, Ms. Shahera Sakena, Ms. D.Anitha, Sri G.S. Bhaskara Rao & Smt. K. Bhagya Lakshmi. Coordinator for this program: Sri M. Kishore Kumar, Assoc. Professor, ECE dept.,

Prasar Bharathi (AIR):

One of the largest broadcasting organisations in the world in terms of the number of languages of broadcast, the spectrum of socio-economic and cultural diversity it serves, AIR's home service comprises 420 stations today located across the country, reaching nearly 92% of the country's area and 99.19 % of the total population. AIR originates programming in 23 languages and 146 dialects.



Satish Dhawan Space Centre:

Satish Dhawan Space Centre (SDSC) or Sriharikota Range (SHAR) is a rocket launch centre operated by Indian Space Research Organisation (ISRO). It is located in Sriharikota in Andhra Pradesh. Sriharikota Range was renamed in 2002 after ISRO's former chairman Satish Dhawan. The Centre has two operational orbital launch pads. SHAR is ISRO's satellite launching base and additionally provides launch facilities for the full range of Rohini sounding rockets



Faculty Corner

Faculty publications in Conferences

Faculty publications in Journals

S. No	Name of the Faculty	Title of the Paper	Name of the Journal, ISSN No., Vol No. & Published year	Impact Factor
1.	Sandeep Moparthi Vijaya Sai Thota	Recursive Approach To The Design Of A Parallel Self-Timed Adder	International Journal for Innovative Engineering & Management Research Volume 06, Issue 04, Page No: 1337 - 1344.	5.812
2.	M. Satish Kumar	Characterization of Shielding Material based on temperature VS Reflectivity to control EMI	International Journal of Applied Engineering Research, ISSN: 0973-4562, Volume 12, No. 21, 2017	Scopus 0.14

S. No	Name of the Faculty	Title of the Paper	Name of the Conference	Host Institution	Date & year
1	Ch. Jyotsna Rani K. Bhagya Lakshmi Dr. Dinesh Sharma Dr. Purnima K Sharma	"A Review on Health Monitoring System by wireless sensor networks"	International Conference on Latest Trends in Electronics and Communication (ICLTEC)	Malla Reddy College of Engineering, Hyderabad	29 th & 30 th Nov, 2017
2	Dinesh Sharma	"Analysis of Multispectral Image Compression"	International Conference on Latest Trends in Electronics and Communication	Malla Reddy College of Engineering Hyderabad	29 th & 30 th Nov, 2017
3	Dinesh Sharma Purnima K Sharma	"Pre coding using different detection algorithms in MIMO systems"	International Conference on Current Trends in Computer, Electrical, Electronics and Communication (ICCTEEEC)	Vidyavardhaka College of Engineering Gokulam III Stage Mysore Karnataka Mysore, India	8 th & 9 th Sept, 2017
4	Dinesh Sharma Purnima K Sharma	"A Review on Health Monitoring System by Wireless Sensor Network"	International Conference on Latest Trends in Electronics and Communication	Malla Reddy College of Engineering, Hyderabad	29 th & 30 th Nov-2017

Workshops/Seminars/FDP attended by Faculty

S. No	Name of the faculty	Name of the workshop	Host Institution	Date/year
1	Dr. E. Kusuma Kumari K. Purnima Sharma N. V. Narayana Rao M. Kishore Kumar	One Week FDP on "Computer Oriented optimization Techniques and their applications in engineering"	NIT Warangal	15 th to 20 th November 2017.
2	A. Nalinee Kumari	Third Workshop for Presentation & Evaluation of Research work Visvesvarayya Ph.D Scheme	A.U. College of Engg	16 th -18 th November 2017
3	T. Vijay Sai M. Sandeep	One week FDP on "CMOS Analog IC Design" in association with E & ICT Academy, NIT Warangal	VRSEC	13 th to 18 th Nov, 2017
4	M. Kishore Kumar Dr. K. Purnima Sharma	FDP On "Design And Analysis Of Rf Antennas Using Hfss Software" In Association With IETE Vijayawada Chapter	SASI Engg., College	7th To 11th Nov, 2017



Student's Corner

Co-Curriculars

Student Participations in Workshops/Seminars/ Competitions/Challenges

S. No	Date Of Event	Event Description	Event Venue	Student Name
1	Two week 28 th August to 9 th September, 2017	Training Session on Fire Bird V Robot - Programming and Applications. (Yanthric Club)	Sri Vasavi Engineering College	Hemanth Kondala Rao, Sannidhi Lakshmi Kumari, Konatam Kalyani Nagasai, Priyanka Kuppala, Yasoda Datta.
2	31/08/2017 to 01/09/2017	Two Day Workshop on DEFTRONICS	IB HUBS, Hyderabad	M. Vamsi Krishna (III B. Tech ECE-B) Ramakrishna (II B. Tech)
3	7 th October 2017	Innovation Fair, Directorate, Design Innovative Centre, JNTUK	JNTUK, Kakinada	V. Charan (15A81A04F9) M. Vamsi Krishna (15A81A04A0) Ch. Sowjanya (15A81A0466) V. Radha (16A85A0416) S. N. L. Prasanna (15A81A04B4)

YUVA team gave a detailed power point presentation of the above details and the team interacted with individual students and gave necessary suggestions and cleared doubts raised by those students. They also explained about the entrance exam patterns and techniques to crack them with ease during this interactive session. The Head master and the teaching staff were very much pleased with this interactive session and requested us to conduct many such programs in the future.



YUVA- Society Needs You

Awareness Programme on Higher Education at Z.P. High School, Prakasaraopalem

In 2017-18, as a part of YUVA, 10th class students of Z. P. High School, Prakasaraopalem, Nallajerla Mandal, West Godavari are educated about their higher education and career opportunities.

