

# DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### **E-Spectra' 17**

News Letter  
Jan - Jun 2017  
Volume - II, Issue - II

**Your feedback is invited about  
E-Spectra'17**

✉ **Mailing address: [ecedsec@gmail.com](mailto:ecedsec@gmail.com)**

#### **Inside,**

- About E-Spectra'17
- Department profile
- Vision & Mission of the department
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#### **About E-Spectra'17**

DSEC, Department of Electronics & Communication Engineering is proud to publish its **NEWS LETTER 2016 - 17** (Volume - II, Issue - II).

The objective of this News Letter is to keep our Students, Parents, Faculty and Industry informed about the activities happening in the Department.

With the help of our association, we release the e-copy of biannual newsletter, **E-Spectra'17** comprising the details of our student's activities and faculty activities.

It encloses the activities such as Professional Society activities, Conferences attended and paper published in International and National journals by staff members and competitions won by the students and innovative projects carried out by them.

I am sure the college will scale upto greater heights in the years to come and serve many more in the society.

## **DEPARTMENT PROFILE**

The department of Electronics and Communication Engineering was established in the year 2001 during which the undergraduate programme was introduced. Post graduate programme was established in the year 2007 and it offers communication systems.

Under the UG programme, the total sanctioned student strength is 60 and now it is increased 120 to 180 in the Academic Year (2012-2013). Under the PG programme, the total sanctioned student strength is 18 and now it is increased to 36. The department is accredited by NBA and received an AICTE fund of Rs: 1,25,000 in the academic year of 2009-2010 and Rs: 5,00,000 in the academic year of 2011-2012 for MODROBS.

The department has highly qualified, committed and research oriented faculty members and supported by trained technical non-teaching staff. The department enjoys the privilege of having spacious and well-equipped laboratories that provide students, the industrial environment much needed for real life training.

The department has very close interaction with many leading industries in the country and research laboratories. Guest lectures, workshops, Industrial Visits, In-plant training, seminars, symposia, in-house projects in collaboration with well-established companies and other personality development that cater to the quest of today's society as well as student professionals.

The department shares the mission and vision of the institution, in imparting high quality education to the students.

### **Vision**

To be a centre of repute for higher learning and research to cater the knowledge in Electronics and Communication field to the ever growing needs of industries and to facilitate the transformation of students into good human beings.

### **Mission**

- M1:** Develop life-long learning skills that allow them to be adaptive and responsive to changes in society, technology and the environment, as well as career demands
- M2:** Promote a research activity through constant interaction with research organizations and industries
- M3:** Instigate our students to become responsible citizens and competent professionals with high ethical values
- M4:** Enable students to develop skills to solve complex technological problems of time and also provide a framework for promoting collaborative and multidisciplinary activities

### **Program Educational Objectives (PEOs)**

- PEO1:** An in-depth knowledge and demonstrations related to the core area of Electronics and Communication Engineering, starting from the basics to the level of analysis, synthesis and design of circuits and systems, in addition to the exposure on latest advancements in the field
- PEO2:** Knowledge of recent design trends and adapt to new technologies through lifelong learning
- PEO3:** Technical knowledge, ethical values for professional development of the student to solve complex problems and to work in multi-disciplinary ambience, whose solutions lead to significant societal benefits
- PEO4:** Motivation to pursue higher studies so that they can contribute to the teaching profession, research and development of Electronics and Communication Engineering

### **Program Specific Outcomes (PSOs)**

- PSO1: Fabrication of Electronic Components:** Graduates of the program will design a hardware model in real time applications using embedded technology and fabricate electronic equipment used in communication industries
- PSO2: Usage of Tools:** Graduates can exploit tools like Xilinx, Tanner, IE3D, Labview, Matlab, ModelSim, Keil and OrCAD to meet desired specifications with realistic constraints such as manufacturability and sustainability

# DEPARTMENT ASSOCIATION ACTIVITIES

One day National Level Technical Seminar on  
“Digital Signal Processing and its Applications”

Date: 19.02.2017



## ***Resource Person***

Dr.P.Ramesh Babu,  
Pondicherry Engineering College, Pondicherry

## ***Guest Lecture on 10.03.2017***

***Ms.S.Priya, CMS College of Engineering and Technology, Namakkal*** delivered Lectures on Medical image processing.

## STUDENT PARTICIPATION

S. No.	Student Name	Event Name	Venue	Date
1.	SHARMILA.V	One Day Workshop	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE	18.02.2017
2.	RANJITHA B			
3.	SURYA A			
4.	LAVANYA V			
5.	VISHNUPRIYA R			
6.	SUNDARIS			
7.	SUDANTHIRAMALAR K			
8.	PRIYA.V			
9.	SWATHI PRIYA P			
10.	SUNDARIS	Technical Symposium, Paper Presentation	MAM COLLEGE OF ENGINEERING AND TECHNOLOGY, TRICHY	11.02.2017
11.	PRIYA.V			
12.	GAYATHRI.K	National Level Technical Symposium Vortex'17	NIT, TRICHY	03.02.2017 to 05.02.2017
13.	ARAVINTHA SAMY.K			
14.	MUTHUSAMY J			
15.	PATRICK JOSE F			
16.	VIVEK R			
17.	SUSAI SAIMAN P			
18.	GAYATHRI.K	National Level Technical Symposium Vortex'17 (Workshop)	NIT, TRICHY	03.02.2017 to 05.02.2017
19.	ARAVINTHA SAMY.K			
20.	MUTHUSAMY J			
21.	PATRICK JOSE F			
22.	VIVEK R			
23.	SUSAI SAIMAN P			
24.	KISHAN KUMAR.C			
25.	GAYATHRI.K	workshop - IOT	MIT, CHENNAI	17.02.2017 to 19.02.2017
26.		workshop - Ethical Hacking		
27.	ANUSHIYA.A	Workshop - Mobile Game Development	ACADEMIA SCIENTIST	12.02.2017
28.	GAYATHRI.N			
29.	DHANALAKSHMI.K			
30.	MEGALA.E			
31.	AARTHI.R			

## BEST PROJECT

Name	Project Title	Guide
Bhuvaneshwari S	Design of Tunable Notch UWB antenna with S-shaped split ring resonator	Mr. V.Vijayakumar
Bhuvaneshwari N		
Kalairani M		
Lavanya N		

## INTERNSHIP

Students Name	Industry Name
Sharnika S	Top Engineers, Chennai
Sahithiya Sithiravel	Livewire CADD center, Trichy
Rishya Sithiravel	

## INPLANT TRAINING

S. No.	Name of the student	Year	Concern	Date (DD.MM.YY)	Duration
1.	F.Patrick Jose	III	Kaashiv Infotech, Chennai	25.06.16 to 29.06.16	5 days
2.	S. Sakthi Priya	III			
3.	S. Arthi	III			
4.	S. Elaveni	IV	BSNL, Trichy	20.06.16 to 24.06.16	5 days
5.	K. Hemadevi	IV			
6.	S. Priyanka	IV			
7.	M. Preetha	IV			
8.	S. Suganya	IV			
9.	R. Roja	IV			
10.	M. Nathiya	IV			

## INSTITUTION LEVEL PARTICIPATION

S. No.	Student Name	Event	Place
1.	Monica N	NSS cell Service (Healthy Youth For Healthy India)	Anukoor Village
2.	Nandhini N		
3.	Srimathi U		
4.	Visithra M		
5.	Sumithra S		
6.	Saranya M S	Cultural Fest	Dhanalakshmi Srinivasan Engineering College, Perambalur
7.	Indra Priyadhashini.J		
8.	Evangelin Divya.J		
9.	Preethi P		
10.	Ishwarya.P		
11.	Yadava Krishnan V V		
12.	Vivek R		
13.	Aravintha Samy.K		
14.	Achsah V Simon		
15.	Vyshnavi N Nair		
16.	Komalkiran M		
17.	Gopinath.P	Cultural Compering	Dhanalakshmi Srinivasan Engineering College, Perambalur
18.	Rishya Sithiravel		
19.	Akshayaa P		
20.	Sharnikha S	Independence Day & Republic Day Celebration	
21.	Achsah V Simon		
22.	Vyshnavi N Nair		
23.	Indra Priyadhashini.J		
24.	Evangelin Divya.J		
25.	Preethi P		
26.	Ishwarya.P		



## TRAINING AND PLACEMENT

S. NO.	REG NO	NAME OF THE STUDENT	COMPANY NAME
1	810413106002	ABHAY KUMAR PINKU	VENTURE LIGHTING
			TECH MAHINDRA, CHENNAI
			MOTIF INDIA INFOTECH PVT LTD, AHMEDABAD
2	810413106004	ABINAYA M	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			AAGNA CORPORATE SERVICES, CHENNAI
3	810413106008	ALWIN RAJ S	ASCENT CIRCUITS, HOSUR
4	810413106010	ANANDU R	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			CMS IT SERVICES PVT LTD, CHENNAI
			VENTURE LIGHTING
5	810413106014	BADRIYA BEGAM M	AAGNA CORPORATE SERVICES, CHENNAI
6	810413106016	BALAJI K	AAGNA CORPORATE SERVICES, CHENNAI
7	810413106019	BHUVANESHWARI S	AAGNA CORPORATE SERVICES, CHENNAI
8	810413106020	BHUVANESHWARI N	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			E CARE INDIA PVT LTD, CHENNAI
9	810413106026	DHIVYA T (14.11.95)	AAGNA CORPORATE SERVICES, CHENNAI
10	810413106035	INDUJA U	EUREKA FORBS LTD, CHENNAI
11	810413106038	JAYAPRIYA K	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
12	810413106039	KALAIRANI M	ZEALOUS SERVICES PVT LTD, CHENNAI
13	810413106718	KALIDASS.A	VENTURE LIGHTING
14	810413106041	KANIMOZHI K	AAGNA CORPORATE SERVICES, CHENNAI
			SURYA INFORMATICS, CHENNAI
15	810413106042	KARTHIGA L	VENTURE LIGHTING
16	810413106043	KARTHIKEYAN C	AAGNA CORPORATE SERVICES, CHENNAI
17	810413106047	KUMAR SATYAM	TECH MAHINDRA, CHENNAI
			ZEBRONICS, CHENNAI
			ZEALOUS SERVICES PVT LTD, CHENNAI
18	810413106048	LAVANTEENA VIJAYA PRITHA A	EUREKA FORBS LTD, CHENNAI
19	810413106049	LAVANYA N	E CARE INDIA PVT LTD, CHENNAI
			ZEALOUS SERVICES PVT LTD, CHENNAI
20	810413106050	MAHALAKSHMI A	VENTURE LIGHTING
21	810413106051	MALARVIZHI A	AAGNA CORPORATE SERVICES, CHENNAI
22	810413106057	NAGALAKSHMI P	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
			V DART, TRICHY
23	810413106062	NITHARSHANI M	V DART, TRICHY
24	810413106063	OMEZHILAN A	ASCENT CIRCUITS, HOSUR
			AAGNA CORPORATE SERVICES, CHENNAI
25	810413106715	PARTHIBAN.K	ASCENT CIRCUITS, HOSUR



S. NO.	REG NO	NAME OF THE STUDENT	COMPANY NAME
26	810413106064	PAVITHRA K	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
27	810413106707	PAVITHRA.A	E CARE INDIA PVT LTD, CHENNAI
			VENTURE LIGHTING
28	810413106065	PRADEEPA S	MED HEALTHCARE SOLUTIONS, CHENNAI
			ALCANCE TECHNOLOGIES, CHENNAI
29	810413106731	PRAVEENA.A	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
30	810413106074	PRIYANKA R	ALCANCE TECHNOLOGIES, CHENNAI
31	810413106077	RAJ RAUSHAN	V DART, TRICHY
32	810413106076	RAJALAKSHMI C	HINDUJA GLOBAL SOLUTIONS, CHENNAI
33	810413106078	RAMYA M	VENTURE LIGHTING
34	810413106722	RHAGAVI.S	VENTURE LIGHTING
35	810413106083	SAHITHYA R	SURYA INFORMATICS, CHENNAI
36	810413106084	SAM EBENEZER S G	AAGNA CORPORATE SERVICES, CHENNAI
37	810413106085	SANDHIYA M	VENTURE LIGHTING
			V DART, TRICHY
38	810413106086	SANDHYA C	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			E CARE INDIA PVT LTD, CHENNAI
			SE ELECTRICALS, COIMBATORE
			ZEALOUS SERVICES PVT LTD, CHENNAI
39	810413106088	SARA M	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
			AAGNA CORPORATE SERVICES, CHENNAI
40	810413106091	SAROJINI R	V DART, TRICHY
			HINDUJA GLOBAL SOLUTIONS, CHENNAI
			ZEALOUS SERVICES PVT LTD, CHENNAI
			WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
41	810413106092	SATHISH A	V DART, TRICHY
42	810413106717	SHANMUGA PRIYA.V	MED HEALTHCARE SOLUTIONS, CHENNAI
43	810413106094	SHARAN JASMINE A	VENTURE LIGHTING
			ALCANCE TECHNOLOGIES, CHENNAI
			ZEALOUS SERVICES PVT LTD, CHENNAI
44	810413106096	SINDHU C	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
			ZEALOUS SERVICES PVT LTD, CHENNAI
45	810413106099	SNEKA B	ZEALOUS SERVICES PVT LTD, CHENNAI
46	810413106100	SOORIYA PRABHA M	ZONE TECH SOLUTIONS PVT LTD, CHENNAI
47	810413106101	SUBASHINI M	AAGNA CORPORATE SERVICES, CHENNAI
			WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
48	810413106105	SURESH KUSHWAHA	V DART, TRICHY
49	810413106106	SURYA P	WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
			AAGNA CORPORATE SERVICES, CHENNAI
			V DART, TRICHY

S. NO.	REG NO	NAME OF THE STUDENT	COMPANY NAME
50	810413106107	THAMARAI SELVAN J K	EUREKA FORBS LTD, CHENNAI
51	810413106108	THANGASABARISWARAN A	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			SHRIRAM VALUE SERVICES, CHENNAI
			SUTHERLAND GLOBAL SERVICES, CHENNAI
			ZEBRONICS, CHENNAI
52	810413106109	VAISALI V	V DART, TRICHY
53	810413106110	VAISHNAVI K V	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
			V DART, TRICHY
54	810413106111	VEERADEVAN P	EUREKA FORBS LTD, CHENNAI
			VENTURE LIGHTING
55	810413106306	VINOTHKUMAR S	ASCENT CIRCUITS, HOSUR
56	810413106116	VIVEKIYA	HINDUJA GLOBAL SOLUTIONS, CHENNAI
			SANS PAREIL IT SERVICES PVT LTD, CHENNAI
			SUTHERLAND GLOBAL SERVICES, CHENNAI
			WE5 SOLUTION / BLUEZ INFOMATIC SOLUTION
57	810413106117	YADU KRISHNAN S	SUTHERLAND GLOBAL SERVICES, CHENNAI