DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

E-Spectra'16
News Letter
Jan–Jun 2016
Volume-I, Issue-II

ELECTRONICS AND COMMUNICATION ENGINEERING

E-Spectra'16

DSEC, Department of Electronics & Communication Engineering is proud to publish its **NEWS LETTER 2015-2016** (Volume-I, Issue–II).

The objective of this News Letter is to keep our stakeholders informed about the activities happening in the Department.

We release the e-copy of newsletter, **E-Spectra'16** 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.

Inside,

- About E-Spectra'16
- Department profile
- Vision & Mission of the department
- PEOs & PSOs
- Activities of department association
- Industrial Visit
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- Students Achievements

Send your feedback about E-Spectra'16 News letter to ecedsec@gmail.com

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

ACTIVITIES OF DEPARTMENT ASSOCIATION

(HERTZ)

S. No.	Subject Name	Curricular Gap	Action taken	Date	Resource Person with Designation
1.	VLSI Design	Low Power VLSI Design	Seminar	10.02.16	Mr. Avudaiappan, Pantech Solutions Pvt., Ltd.
2.	Digital Signal Processor	MATLAB Integrated Environment	Workshop	11.03.16	Mr.R.Thirukumaran SAT Infosys, Coimbatore
3.	Wireless Networks	VOIP Technology	Guest lecture	07.04.16	Dr. B. Amutha, SRM University, Chennai

INDUSTRIAL VISIT 25 & 26th March 2016

S. No.	Industry Name with address	Area of Training	No of Students visited
1.	Chips Software, Kerala, Keltron Semiconductors, Kerala,	Embedded systems	90
2.	Radio Astronomy Centre, Ooty	Communication	70

BEST PROJECT AWARD

S. No.	Name	Project Title
1.	Noorul Asma M	Mobile application for E-learning in android platform
2.	Kaviya R	
3.	Nivetha K	
4.	Krisnaveni A	

TRAINING AND PLACEMENT

S. No.	Name of the student	Company Name	S. No.	Name of the student	Company Name
1	Chippy Jayaprakash	Tech Mahindra	38	S.R. Maheswari	
2	Sheelaprincy.P		39	S. Nithya	
3	Arpita Mondal		40	Susmitha T	Qspider, Chennai
4	M.Thendral	Skypro Technologies, Bangalore	41	Praveena K	
5	Chippy Jayaprakash		42	Suganya V	
6	Chandini R.U		43	Noorul Asma	
7	Noorul Asma.M		44	Arul Siva Arasi A	
8	Chandini R U	HCL Technologies, Bangalore	45	Arulmozhi K	
9	Chippy Jayprakash		46	Manugula Deepan S	Ethnus Bangalore
10	Nooral Asma M		47	Noorul Asma M	
11	Sivagurupriyaa S	Maveric systems, Chennai	48	Sheela Princy P	
12	Divya Bharathi		49	Anusuya K	Sutherland Global Services, Chennai
13	Chandini R U	Cognizant Technologies	50	Arunjay Raj Chowhan	
14	K.Praveena	Aagna Corporate Services	51	Divya Bharathi P	
15	S.Ramyalakshmi		52	Kaviya G	
16	S.Latha		53	Krisna Veni A	
17	S.Sivagurupriyaa		54	Manugula Deepan S	
18	P.Saranya		55	Noorul Asma M	
19	G.Kaviya		56	Thendral M	
20	S.R.Maheshwari		57	Jayabharathi S	
21	S.Mahalakshmi		58	Sudha Suman	
22	C.Durga Lakshmi		59	Srinivas R	
23	T.Prem Kumar		60	Manugula Deepan S	
24	D.Sudha		61	Benazir Butto	HCL Talentcare, Chennai
25	B.E.Subhashini		62	Divya Bharathi P	
26	R.Vijayashanthi		63	Mahalakshmi G	
27	Kiran Raj		64	Sowndari S	
28	A.Vinotha		65	Divya Bharathi P	V - Dart, Trichy
29	A.Vijayalakshmi		66	Manugula Deepan S	CSS Corp
30	G.Thinakari		67	Noorul Asma M	
31	S.Priyadharshini		68	Kaviya G	IDBI Federal Life Insurance
32	A. Krishnaveni	Karma IT Solutions, Chennai	69	Pavithra V	
33	T. Susmitha		70	Premkumar T	
34	Vijayashanthi		71	Sivagurupriya S	
35	G. Thinakari		72	Sudha Suman	
36	Dhanalakshmi		73	Nivedha	Mobius Knowledge Services
37	S. Karthikeyan		74	Pavithra V	

STUDENTS ACHIEVEMENTS

WINNERS

S. No	Name	Event	Place	Date
1.	N.Lavanya	CSI Tamilnadu State Student convention	A.V.C College of Engineering	26.02.2016 & 27.02.2016
2.	Lavanteena Vijaya Pritha A	Inter college competitions	M.Kumarasamy College of Engineering	04.03.2016
3.	M. Nitharshani			
4.	V.Keerthana			
5.	P. Dhivya			
6.	Badriya Begam M			
7.	S. Balaganesan	National Level Technical Symposium - WESTEROS 2k16 (Gaming)	Karpaga vinayaga College of Engineering & Technology	18.03.2016
8.	M.Mohana	National Level Technical Symposium (Code / Circuit debugging)	RVS college of Engineering	19.03.2016

PARTICIPATIONS

S. No.	Name	Event	Place	Date
1.	Lavanteena Vijaya Pritha A	Workshop	International Science and Research Organization	07.02.2016
2.	R. Jansirani			
3.	S. Nandhini			
4.	R. Sahithiya			
5.	M. Nitharshani			
6.	V. Keerthana			
7.	M. Malavika			
8.	P.Nagalakshmi			
9.	R.Priyanka			
10.	R.Priyanka			
11.	V.Saranya			
12.	R.Priyanka	Workshop	PSG College	12.02.2016 to 14.02.2016

S. No.	Name	Event	Place	Date
13.	S. Pradheepa	Workshop	International Science and Research Organization	28.02.2016
14.	Lavanteena Vijaya Pritha A	Inter college competitions	M.Kumarasamy College of Engineering	04.03.2016
15.	R. Jansirani			
16.	K. Hemadevi			
17.	M. Nitharshani			
18.	V.Keerthana			
19.	P. Dhivya			
20.	Badriya Begam M			
21.	S. Balaganesan	National Level Technical Symposium - WESTEROS 2k16 (Paper Presentation)	Karpaga vinayaga College of Engineering & Technology	18.03.2016
22.	K.Balamurugan			
23.	Ramya M	National Level Technical Symposium (Paper Presentation)	RVS college of Engineering	19.03.2016
24.	Ramya M	National Level Technical Symposium (Connection)		
25.	Ramya M	National Level Technical Symposium (Code / Circuit debugging)		
26.	M.Mohana	National Level Technical Symposium (Paper Presentation)		
27.	M.Mohana	National Level Technical Symposium (Connection)		