

# DEPARTMENT OF ELECTRONICS & COMMUNICATION

## DHAANISH AHMED COLLEGE OF ENGINEERING

PERIOD-ACADEMIC YEAR (2014-2015)

Volume 1

Issue 1

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### 1. EPSICE INAUGURATION

- Department of ECE and ESPICE conducted the 2<sup>nd</sup> Inaugural function of ESPICE , Mr.Srinivasan Natarajan, Director, Pantech ProEd Pvt Ltd facilitated the function.



### 2. MEMORANDUM OF UNDERSTANDING

- MOU between DACE & Pantech ProEd Pvt Ltd is signed. Our Principal Dr.G.K.Vijayaragavan and Mr.Srinivasan Natarajan addressed the students.



### 3. WORKSHOPS

- Department of ECE,IETE and ESPICE conducted the Two Days(08.07.14 and 09.07.14) Workshop on "Embedded Systems" by Mr.C.srinivasan,Polenza Technologies,Chennai. The students of Final Year attended the workshop and learned the latest upcoming technologies in the Embedded field. They also had hands on live demo of various embedded components.



#### 4. SEMINARS

1. Department of ECE,IETE and ESPICE conducted the One day Seminar on “Carrier Development” by Mr.Karthikeyan, Development Engineer, AGIIT on 12<sup>th</sup> Sept 2014 . The students of 2<sup>nd</sup> year attended the seminar.



2. Department of ECE,IETE and ESPICE conducted the One day Seminar on “CADD” by S.Thameemul Ansari, Trainer, CADD Centre on 4<sup>th</sup> July 2014. The students of 4<sup>th</sup> year attended the seminar and acquired knowledge on CADD software tools.



3. Department of ECE,IETE and ESPICE conducted the One day Seminar on “Software Solutions” by CSI CADD by P.Ganesh Kumar, Software Trainer, CSI Software on 15<sup>th</sup> July 2014. The students of 2<sup>nd</sup> & 3<sup>rd</sup> year attended the workshop and acquired knowledge on the latest software tools and other software languages.



4. Department of ECE and ESPICE conducted the One day Seminar on Communication Using MATLAB by G.Osur, Technical Manager, Bluechip Technologies on 17<sup>th</sup> Sept 2014. The students of 4<sup>th</sup> year attended the seminar.



5. Department of ECE,IETE and ESPICE conducted the One day Seminar on Awareness Session on Robotics by Mr.Nivas Ravichandran, Technical Engineer, IIT Madras- Lema Labs. The students of 3<sup>rd</sup> year attended the seminar.



6. Department of ECE and ESPICE conducted the One day Seminar on "CADD by S.Thameemul Ansari, Trainer, CADD Centre on 5<sup>th</sup> July 2014. The students of 3<sup>rd</sup> year attended the seminar and acquired knowledge on CADD software tools.

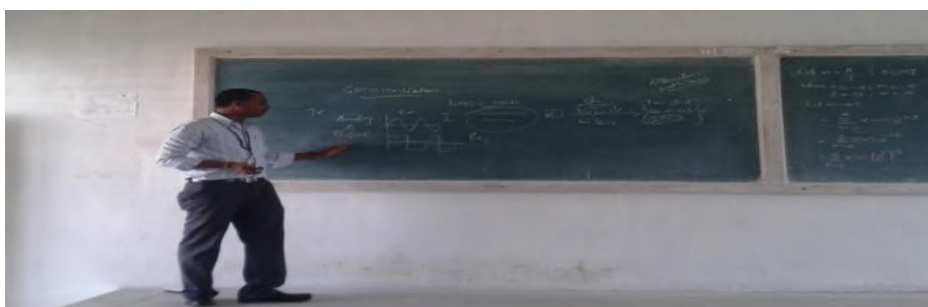




7. Department of ECE,IETE and ESPICE conducted the One day Seminar on “Industrial Automation” by P.Karthikeyan, Development Engineer, AGIIT on 12<sup>th</sup> Sept 2014. The students of 4<sup>th</sup> year attended the seminar.



8. Department of ECE and ESPICE conducted the One day Seminar on “Communication Using MATLAB” by G.Osur, Technical Manager, Bluechip Technologies on 17<sup>th</sup> Sept 2014. The students of 3<sup>rd</sup> year attended the seminar.



## 5. GUEST LECTURES

1. Department of ECE,IETE and ESPICE conducted Guest Lecture on “Digital Signal Processing “by Mrs.Tamizhselvi, Asso.Prof, Sai Ram Engineering College on 23<sup>rd</sup> July 2014 to our III year students



2. Department of ECE,IETE and ESPICE conducted Guest Lecture on “RF TLW & Antennas” by Mr.K.R.S.Ravikumar, Research Scientist, SAMEER, Govt of India on 21<sup>st</sup> July 2014 to our III & IV year students.



3. Department of ECE and ESPICE conducted Guest Lecture on “Digital Electronics- Combinational and Sequential Circuits” by Mr.V.Velmurugan, Asst Prof, Agni College of Technology on 19<sup>th</sup> July 2014 for 2<sup>nd</sup> Year students.
4. Department of ECE and ESPICE conducted Guest Lecture on “Digital Image Processing “by Mr.M.Yuvaraj, Asst Prof, Agni College of Technology on 19<sup>th</sup> July 2014 for 3<sup>rd</sup> Year students.

## 6. INDUSTRIAL VISITS

1. Department of ECE and ESPICE organized Industrial visit to BSNL, East Tambaram on 24<sup>th</sup> July 2014 to our III year students



2. Department of ECE and ESPICE organized Industrial visit to JP InfoTech, Pondicherry on 13<sup>th</sup> September 2014 to our III year students



3. Department of ECE and ESPICE organized Industrial visit to Pantech Pro Ed Pvt Ltd, Chennai on 8<sup>th</sup> September 2014 to our II year students
4. Department of ECE and ESPICE organized Industrial tour to Chips software Systems Cochin on 9<sup>th</sup> Sept 2014 & 14<sup>th</sup> Sept 2014 for our IV year students
5. Department of ECE and ESPICE organized Industrial visit to Excel Automation Pvt Ltd, Chennai on 17.02.15, 18.02.15 and 19.02.15 for our II, III and IV year students.

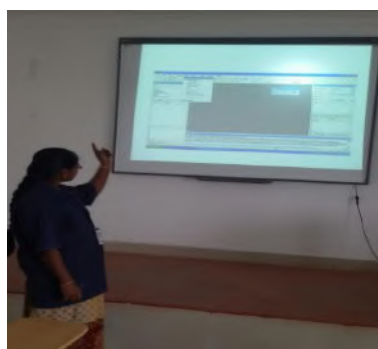


## 7. FACULTY DEVELOPMENT PROGRAM

1. Department of ECE & IETE conducted the One Day FDP on “Network Simulator Software” on 6<sup>th</sup> Sept 2014 by Mr.B.Maharaja & Mr.C.Satheeswaran.



2. Department of ECE & IETE conducted the One Day FDP on “Tanner software “on 6<sup>th</sup> Sept 2014 by Mrs.R.Rajeshwari.



## 8. FACULTY ATTENDED FDP's ,WORKSHOPS AND SEMINARS

1. Dr.M.Ramkumar Prabhu attended One week Faculty Development Program on Electromagnetic Fields at Agni College of Technology on 12<sup>th</sup> to 18<sup>th</sup> Dec 2014.
2. Dr.M.Ramkumar Prabhu attended Two days Seminar on “Empowering Indian Engineering Education for Global Expectations” by ISTE at National Engineering College on 7<sup>th</sup> & 8<sup>th</sup> of November 2014.
3. Mrs.A.Subhashini attended 3 days workshop on “simulink- A hawk eyed application for research” at B.S. Abdur Rahman University, Vandalur, Chennai on 9 oct 2014 to 11 oct 2014.

4. Mrs.A.Subhashini attended One week FDTP on "Control Systems" at Rasee College of Engineering on 08-12- 2014 to 15-02-2014.
5. Ms.Shani Sulaiman attended Two day national workshop on " Comprehensive hands on experience on Mems design and simulation using Intellisuite Software" at SSN college of engineering, Kalavakkam on 12-09-2014 &13-09-2014.
6. Ms. C.N.Kalaivani attended Two day national workshop on "Comprehensive hands on experience on Mems design and simulation using Intellisuite Software" at SSN college of engineering, Kalavakkam on 12-09-2014 &13-09-2014.
7. Ms.Gitanjali attended One week Faculty Development Program on "Electromagnetic Fields" at Agni College of Technology on 12<sup>th</sup> to 18<sup>th</sup> Dec 2014.
8. Ms.J.Sumadhi attended One week Faculty Development Program on " Electromagnetic Fields" at Agni College of Technology on 12<sup>th</sup> to 18<sup>th</sup> Dec 2014.
9. Ms.U.T.Sasikala attended One week Faculty Development Program on "Electromagnetic Fields" at Agni College of Technology on 12<sup>th</sup> to 18<sup>th</sup> Dec 2014.
10. Ms.Gitanjali attended One day workshop on "Embedded system design using ARM controller" at Department of electronics engineering, MIT campus Chennai on 02-09-2014.
11. Ms.J.Sumadhi attended One day workshop on "Embedded system design using ARM controller" at Department of electronics engineering, MIT campus Chennai on 02-09-2014.

## **9. FACULTY PUBLICATIONS (NATIONAL/INTERNATIONAL JOURNALS)**

1. Dr. M.Ramkumar Prabhu has published the following papers in the International referred Journals
  - "Circularly Polarized Microstrip Square Patch Antenna for Global Positioning System" in International Journal of Applied Engineering Research in the year 2015(scopus Indexed)
  - "Design A Square Microstrip Patch Antenna for S-Band Application" in IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) in the year 2015
  - "Design Of Serial Frequency Offset And Carrier Frequency Offset Estimation For MB-OFDM" in Journal of Innovative Research and Solution (JIRAS) in the year 2014
  - "Best Power Surge Using Fuzzy Controlled Genetic Technique" in IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) in the year 2015
2. Ms.U.T. Sasikala, has published the following papers in the International referred Journals
  - "Circularly Polarized Microstrip Square Patch Antenna for Global Positioning System" in International Journal of Applied Engineering Research in the year 2015(scopus Indexed)
  - "Design A Square Microstrip Patch Antenna for S-Band Application" in IOSR Journal of



Electronics and Communication Engineering (IOSR-JECE) in the year 2015

3. Mr.S.Satheesh Kumar has published the paper in the International referred Journals

“Circularly Polarized Microstrip Square Patch Antenna for Global Positioning System” in International Journal of Applied Engineering Research in the year 2015(scopus Indexed)

4. Mrs.C.N.Kalaivani has published the paper in the International referred Journals

“Analysis and Reduction of Power using Gating Techniques Near Subthreshold Region” in IOSR Journal of Engineering (IOSR-JEN) in the year 2015

5. Mr.A.K.Ramanathan has published the paper in the International referred Journals

“Extraction of Myopotentials in ECG Signal Using Median Filter via Adaptive Wavelet Weiner Filter” in IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) in the year 2015

6. Mr.A.Rajasekar has published the paper in the International referred Journals

“Load Tuning for Solar Energy Powered Embedded System Using ILP” in IOSR Journal of Engineering (IOSR-JEN) in the year 2015.

#### **10. FACULTY PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCES)**

1. T.Anurada presented a paper on “ Automatic Monitoring and Controlling of the Baby Incubator” at Madha engineering College on 27.11.2015.

2. Mrs.R.Lalithalakshmi presented a paper on “Implementation of Mobility Platform using MI-WI” at Madha Engineering College on 27.11.2015.

#### **11. STUDENTS PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCES)**

1. G.S.KEERTHANA , S.MALATHI & B.DIVYA PRESENTED A PAPER TITLED ON “**BODY ENERGY HARVESTING USING PIEZOELECTRIC CANTILEVERS**” IN COMMUNIQUEST’15, AT RAJIV GANDHI COLLEGE OF ENGINEERING ON MARCH 2015

2. C.S.GAYATHRI , J.JEEVITHA & E.DEEPA , PRESENTED A PAPER TITLED ON “**THEFT AND ACCIDENT DETECTION USING MATLAB SECURITY ALERT TO MOBILE**” IN AGNICON’15 AT AGNI COLLEGE OF TECHNOLOGY ON MARCH 2015

3. M.RANGOLIYA , E.POORNIMA & S.SUBASHREE PRESENTED A PAPER TITLED ON “**DESIGN & IMPLEMENTATION OF “HEART RATE, PRESSURE & TEMPERATURE MEASUREMENT DEVICE USING GSM TECHNOLOGY**” IN NCACN’15 AT BHARATH UNIVERSITY ON MARCH 2015.

4. J.KEERTHANA AND T.CHANDINI PRESENTED A PAPER TITLED ON “**OPTIMIZED RSSI BASED LOCATION TRACKING AND BOAT SECURITY USING WIRELESS SENSOR**”

**NETWORKS"** IN COMMUNIQUEST'15 AT RAJIV GANDHI COLLEGE OF ENGINEERING ON MARCH 2015

5. S.MUTHULAKSHMI AND P.MUMTAJ PARVEEN PRESENTED A PAPER TITLED ON **"RSSI BASED BUS MONITORING SYSTEM"** IN COMMUNIQUEST'15 AT RAJIV GANDHI COLLEGE OF ENGINEERING ON MARCH 2015

6. N.JANAKI RAMAN , U.INIYAVAN AND S.ABILASH RESENTED A PAPER TITLED ON **"RAILWAY SIGNAL TRANSMISSION AND DETECTION IN TRAINS USING MI-WI"** IN ICICT-2K15 AT GOJAN SCHOOL OF BUSINESS AND TECHNOLOGY ON APRIL2015

7. K.MANJU AND D.HARIPRIYA PRESENTED A PAPER TITLED ON **"IMPLEMENTATION OF MOBILITY PLATFORM USING MI-WI"** IN IVECE'15 AT MADHA ENGINEERING COLLEGE ON MARCH 2015

8. R.KIRUTHIKA , K.MAHESHWARI AND A.MOHAMED MUFEEDHA PRESENTED A PAPER TITLED ON **"REALTIME MONITORING AND DATA ACQUISITION FOR SHIP USING ADHOC NETWORK"** IN IVECE'15 AT MADHA ENGINEERING COLLEGE ON MARCH 2015

9. K.KAVITHA , R.MUTHHAZAGI AND J.MAHALAKSHMI PRESENTED A PAPER TITLED ON **"AUTHENTICATION AND MONITORING SYSTEM OF WEAPON USING BIO-METRICS SYSTEM"** IN COMMUNIQUEST'15 AT RAJIV GANDHI COLLEGE OF ENGINEERING ON MARCH 2015

10. S.A.AHAMADI BEGUM AND N.ABIRAMI PRESENTED A PAPER TITLED ON **"AUTOMATIC VEHICLE SPEED CONTROLLER USING RF SIGNAL"** IN AGNICON'15 AT AGNI COLLEGE OF TECHNOLOGY ON MARCH 2015

11. A.R.ABDUL RAUF , A.ABDUL RAHIM NAVASDEEN AND S.MOHAMED IRFAN ALI PRESENTED A PAPER TITLED ON **"MULTIMEDIA AUDIO TRANSMISSION THROUGH FREE SPACE OPTICAL MEDIUM (LASER)"** IN COMMUNIQUEST'15 AT RAJIV GANDHI COLLEGE OF ENGINEERING ON MARCH 2015

12. B.AJITH , A.MUBASHSHIR MOHAMMED AND N.MOHAMMED AMIR KHAN PRESENTED A PAPER TITLED ON **"ENHANCING THE COVERAGE AREA OF WIFI ACCESS POINT USING CANTENNA"** IN ICICT-2K15 AT GOJAN SCHOOL OF BUSINESS AND TECHNOLOGY ON APRIL2015

13. M.SHARMILA DEVI AND M. SAMEERA BANU PRESENTED A PAPER TITLED ON **"HAND GESTURE RECOGNITION WITH VOICE CONVERSION SYSTEM FOR DIFFERENTLY ABLE DUMP PEOPLE"** IN NCRTEC'14 AT THANGAVELU ENGINEERING COLLEGE ON AUGUST 2014

## 12. STUDENTS PARTICIPATION IN VARIOUS EVENTS

S.NO	Name of the student	Year	Event	College	Prize won
1	ANEES BEGAM.A	II	PAPER PRESENTATION	VELAMMAL ENGINEERING COLLEGE	Participation
2	JANNATHUL KURSHIDA	III	PAPER PRESENTATION	ADHIPARASAKTHI ENGINEERING COLLEGE	Participation
3	N.SUNDAR	IV	PAPER PRESENTATION	DHAANISH AHMED COLLEGE OF ENGINEERING	Participation
4	ABILASH	IV	PAPER PRESENTATION	SSN COLLEGE OF ENGINEERING	Participation
5	A.SHANAVAZ	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
6	M.P.SANTHOSH KUMAR	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
7	PEER MOHAMED	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
8	PARASURAMAN	III	CIRCUIT DEBUGGING	MNNJEC	Participation
9	MOHAMMED ZAKARIYA	III	CIRCUIT DEBUGGING	MNNJEC	Participation
10	RAFIQ AHMED	III	CIRCUIT DEBUGGING	MNNJEC	Participation
11	RAFIQ AHMED	III	CIRCUIT DEBUGGING	MNNJEC	Participation
12	N.VIGNESH	III	CIRCUIT DEBUGGING	SMK FOMRA INSTITUTE OF TECHNOLOGY	Participation
13	N.SATHISH KUMAR	III	CIRCUIT DEBUGGING	SMK FOMRA INSTITUTE OF TECHNOLOGY	Participation
14	SOHAIL AHMED	III	CIRCUIT DEBUGGING	SMK FOMRA INSTITUTE OF TECHNOLOGY	Participation
15	M.MOHAMMED ZAKARIYA	III	CIRCUIT DEBUGGING	SRI SAI RAM ENGINEERING COLLEGE	Participation
16	S.MALATHI	IV	CIRCUIT DEBUGGING	SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY	Participation
17	J.MAHALAKSHMI	IV	CIRCUIT DEBUGGING	SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY	Participation
18	MUTHUAZAGI	IV	CIRCUIT DEBUGGING	SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY	Participation
19	B.GOPINATH	II	CIRCUIT DEBUGGING	EASWARI ENGINEERING COLLGE	Participation



20	ILAVARASAN	II	CIRCUIT DEBUGGING	EASWARI ENGINEERING COLLEGE	Participation
21	ADITHYA	II	CIRCUIT DEBUGGING	EASWARI ENGINEERING COLLEGE	Participation
22	ANADRAJ	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
23	FAIDAN AHMED MALIK	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
24	KARTHICK M	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
25	MOHAMMED AFSAR	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
26	MOHAMMED AASHIQ	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
27	NARESH KUMAR.M	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
28	M.INDHUMATHI	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation
29	DHANALAKSHMI	III	CIRCUIT DEBUGGING	SKR ENGINEERING COLLEGE	Participation

### 13. STUDENT IN-PLANT TRAINING

S. No	Name of the student	Company where IPT undergone	Duration of IPT
1	SAMEERA BANU M	BOSCH ELECTRICAL DRIVES INDIA PVT. LTD., ORAGADAM	16.09.2014 – 31.01.2015
2	MADHUMITTHA.B.M	KAASHIV INFFOTECH,ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
3	ABDUL REHMAN KHAN	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
4	FAIDHAN AHMED MALIK . K	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
5	HABIBUNISA BEGUM.K	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
6	LAVANYA PRABAKAR	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
7	THASNEEM BANU.I	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
8	THENMOZHI B	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
9	SHINY P	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
10	ANAND RAJ.E	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
11	KARTHICK M	KAASHIV INFFOTECH , ANNA NAGAR, CHENNAI	23.06.2014 – 27.06.2014
12	DIVINE JOHNSON	KAASHIV INFFOTECH , ANNA NAGAR,	23.06.2014 – 27.06.2014

		CHENNAI	
13	NOOR FARZANA .M	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
14	MANIKANDAN .M	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
15	NAGOORGANI M	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
16	PACHAIMMAL D	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
17	PEER MOHAMED I	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
18	POORNIMA.K	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
19	PRIYANKA.R	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
20	SAHANA YASMIN .S	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
21	SHANAVAZ A	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
22	YUVARAJ.M	SP SOLUTIONS, PERUNGALATHUR, CHENNAI	23.06.2014 – 27.06.2014
23	RAFIQ AHMED	BSNL, MEENAMBAKKAM, CHENNAI	23.06.2014 – 27.06.2014
24	C.ROHITH	BSNL – DISTRICT TELECOM TRAINING CENTRE, CHENNAI	15.12.2014 – 19.12.2014
25	SIVAMANIKAM.K	BSNL – DISTRICT TELECOM TRAINING CENTRE, CHENNAI	15.12.2014 – 19.12.2014