

## ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Date: 21-12-2012

### Report on EJive-2K12

Pragati Engineering College conducting the technical symposium E-jive from 2007 with the Organization of III ECE Students.

Now, the **ECE** Technical event **EJive-2K12** provided a platform for number of students to '**Explore**' through innovation ideas '**Create**' practical models and '**Exhibit**' their skills.



# **CRACK THE QUEST**

Date: 18-12-2012

## **TOPICS:**

1. CURRENT AFFAIRS,
2. GENERAL KNOWLEDGE,
3. SPORTS,
4. MYTHOLOGY,
5. GENERAL SCIENCE

## **CO-ORDINATORS:**

- 1 N.ANAND
2. I.V.PRIYATHAM,
3. J.VENKATESH,
4. M.SEETHA DEVI,
5. S.GAYATRI,
6. P.MOUNICA

**JUDGES:** CH.SATISH, T.SEKHAR

## **PARTICIPANTS:**

- Maximum Number Of Participants Per Team:3

As The Response From The I<sup>st</sup> & II<sup>nd</sup> year Students From Our College Is More, We Conducted A Preliminary Level.

- Total Number Of Teams Participated In Prelims:54
- Total Number Of Teams Selected In Prelims:20
- On-Spot Registered Teams:2
- Total Number Of Teams For Event(1<sup>st</sup> Round):22
- Total Number Of Teams Selected For 2<sup>nd</sup> Round:8
- Total Number Of Teams Selected For Final Round:4

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
Winners	G.Pavan Kumar Reddy B.Srikanth	R.V.R.&J.C. College Of Engineering, Guntur.	Rs.1500/-
Runners	K.Rajasekhar K.Abhishek Jain D.Manikanta	Pragati Engineering College, Surampalem.	Rs.1000/-



## **LANGUAGE EXPO:**

**Date: 18-12-2012**

On the eve of EJIVE 2K12 held on 18<sup>th</sup> december, 2012 the third year ECE students organised a spot event named LANGUAGE EXPO. The event proceeded in three levels. Namely, Group discussion and debate followed by elocution as the last level.

### **Student Coordinators:**

- |                        |                     |
|------------------------|---------------------|
| 1. K.Sindhura          | 5. A.Sireesha       |
| 2. S.Lavanya           | 6. G.Siri vennela   |
| 3. M.S.K.Ramasomayaji  | 7. Shaik adam shafi |
| 4. V.S.R.S.S.Chaitanya | 8. B.Madhav         |

### **GROUP DISCUSSION:**

Number of students participated : 178

Number of students promoted : 78

### **JUDGES:**

1. Mrs. V.Srujana
2. Mr. Govind
3. Mr. K.Kishore Kumar

Group Discussions was held in two slots. The Group Discussions was among 10 students and 4 members were selected from them.

### **DEBATE:**

Number of students participated: 78

Number of students promoted: 24

### **JUDGES:**

1. Miss V.Shirley Grace
2. Mr. Govind

Debate was conducted with 10 members in each session and 2 were selected to the final round.

### **ELOCUTION:**

Number of students participated: 24

**JUDGE:** Mr. S.Vamsi Kiran (training and placement officer)

Participants were given topics on the spot and asked to speak for three minutes. Judgement was based on content, accent, body language and conclusion.

### **PRIZE WINNERS:**

1<sup>st</sup> Prize: J. Vineesha (2nd ECE B, Pragati Engg. College)

2<sup>nd</sup> Prize: T.Sowmya (2nd ECE B, Pragati Engg. College)





## **PRASTHUTI(PPT)**

Date: 18-12-2012

Number of papers received=360

Number of papers selected from other colleges=50

Total number of acknowledgements received=39

Maximum number of participants per team=2

*To encourage our college students, we conducted prelims for 47 teams with internal judges  
Mr. Ch. Venkateswarulu, Ms. Ch.D.VishnuPriya, Mr.D. Natraj, Mr. V.V.S.V.S.Ramachandram.*

Number of papers selected from our college=10

**Presentations are evaluated on the following criteria:** Topic, communication skills, presentation, content, applications.

**Total marks=50**

### **SEMINAR HALL 1**

Number of papers presented=25

#### **Judges:**

1. Mrs. N. Leelavathy , HOD of ECE, Krishna Pragati Engg.College , Rajahmundry.
2. Mr. G.S. Shivakumar Assoc.prof , Pragati Engg.College.

#### **1<sup>st</sup> prize(Rs 5000/-):**

B .Gopinath , K. Abyudhay (Pragati Engineering college)

**Topic:** Nanotechnology

#### **2<sup>nd</sup> prize(Rs 3000/-):**

P.V.Arun, P.V.Kiran (BVC engineering college)

**Topic:** 6<sup>th</sup> sense

#### **Student coordinators:**

G.V.Rajesh , R.Jaya Kumar, K.K.Sindhu

### **SEMINAR HALL 2**

Number of papers presented=23

#### **Judges:**

1. Mrs. A.Sri Devi, HOD of ECE, Sri prakash Engg.College , Tuni .
2. Mrs. P. Sunitha , Assoc.prof , Pragati Engg.College.

#### **1<sup>st</sup> prize(Rs 5000/-):**

M.N.V.S. Pranoop(KoneruLakshmaiah University)

**Topic:** P-ISM

#### **2<sup>nd</sup> prize(Rs 3000/-):**

M. Tejaswini, S.Priyanka(Shri Vishnu Engineering College for Women) **Topic:** Claytronics

#### **Student coordinators:**

M. HariPriya, G. HemaSwethaHarika, P. Lalith Kumar



## **PARIYOJAN(PROJECTS)**

Date: 18-12-2012

### **TOPICS:**

EMBEDDED SYSTEMS

BASIC ELECTRONICS

VLSI DESIGN

CURRENT TRENDS IN ELECTRONICS

### **Student coordinators:**

1. K.Prasannakumar

2. M.Bhairava Swamy

3.K.Pundarikakshayya

4. R.Kiranmayi

5. S.Jhansi

### **Faculty Coordinator:**

**Mr. K.V. Rajesh Kumar**

### **JUDGE:**

**Dr.G.Raghuram , Director, Pragati Engg.College.**

### **PARTICIPANTS:**

- MAXIMUM NUMBER OF PARTICIPANTS PER TEAM: 3
- Pragati Engineering College Students Presented projects.
  - 1<sup>st</sup> year Students: 4 Projects Presented
  - 2<sup>nd</sup> year Students: 10 Projects Presented
  - 3<sup>rd</sup> year Students: 1 Projects Presented
- From various Engineering Colleges like VSL, CIST, REGENCY, KIET, GVIT, ADARSH students presented 7 projects.
- TOTAL NUMBER OF PROJECTS FOR EVENT:22

### **WINNERS:**

**1<sup>st</sup> Prize:** K.Pundarikakshayya, T.Neelaji, Vaasu (Pragati (III ECE))

**Title:** Prepaid Energy Meter

**2<sup>nd</sup> Prize:** M. Manikanta Swamy, B.Mohan,K.rajababu (From GVIT)

**Title:** Generation Of Electricity Using Waste Material



## **DARPAN(POSTERS )**

**Date: 18-12-2012**

On the eve of EJIVE 2K12 held on 18<sup>th</sup> December, 2012 the third year ECE students organized an event named POSTER PRESENTATION. The event revealed the inner talents and the presentation skills of all those who took part in it.

### **Student Coordinators:**

- |                   |              |                   |
|-------------------|--------------|-------------------|
| 1. R.A.N.S.Aditya | 2. Mohan     | 3. R.Poojitha     |
| 4. K.Vineela      | 5. K.Vineela | 6.O.Suchitra Rani |

No. of posters received: 37

No. of posters selected: 20

No. of posters Presented: 16

### **JUDGES:**

1. Natraj Sir , Assoc.prof , Pragati Engg.College.
2. Raghuram Sir, Assoc.prof , Pragati Engg.College.

### **PRIZE WINNERS:**

**1<sup>ST</sup> Prize:** U.Manjusha, K.Swarna Jyothi (Sri Sai Aditya Engineering College)

**Topic:** Cymascope: Sound made visible

**2<sup>nd</sup> Prize :** B.Lakshmi Mounica , U.Swetha (GIET)

**Topic:** Paper Battery

**2<sup>nd</sup> Prize :** G.V.N.S.Swetha, M.Vijayalakshmi (Pragati Engineering College)

**Topic:** Stenography



**List of Project Exhibited in Ejive- 2K12 on 18-12-2012:**

- |   |   |
|---|---|
| 1. Path Following Robot   | - Pragati Engineering College               |
| 2. Sound Reactive Led   | - Pragati Engineering College               |
| 3. Automatic Dark Sensor  | - Pragati Engineering College               |
| 4. Gas leakage detector with alert system                         | - Pragati Engineering College               |
| 5. Prepaid Energy Meter   | - Pragati Engineering College               |
| 6. Air Conditioner  | - Pragati Engineering College               |
| 7. Cell Operated Land Rover                                       | - V.S.Lakshmi Engineering College For Women |
| 8. Detection Of Fire By Using Sensors                             | - Pragati Engineering College               |
| 9. Embedded Temperature<br>Based Fan Speed Controller Using 89c51 | - Chaitanya Institute Of Technology         |
| 10. Fm Transmitter  | - SPCT,GITE2                                |
| 11. Light Following Robot   | - Regency Institute Of Technology           |
| 12. Megabot   | - Pragati Engineering College               |
| 13. Line Following Robot Using Microcontroller                    | - Pragati Engineering College               |
| 14. Multi Purpose Security System                                 | - Kite Engineering College                  |
| 15. Shadow Light Detector   | - Pragati Engineering College               |
| 16. Emergency Light   | - Pragati Engineering College               |
| 17. Touch Sensitive Alarm   | - Pragati Engineering College               |
| 18. Generation Of Electricity Using Waste Material                | - GVIT                                      |
| 19. Electro Magnetic Crane  | - Pragati Engineering College               |
| 20. Wireless TV Transmission                                      | - Pragati Engineering College               |
| 21. Fire Extinguishers Robot                                      | - Adarsh Engineering College                |
| 22. IR Burglar Alarm  | - Pragati Engineering College               |

**List of Posters Exhibited in Ejive- 2K12 on 18-12-2012:**

- |  |  |
|--|--|
| 1. Brain Computer Interface  | - Vkr ,Vnb&Agk Engineering College                               |
| 2. Caner Nano Technology   | - Vslashmi Engineering College                                   |
| 3. Remote Electromagnetic Excitation<br>Of High Q Silicon Resonator Sensor | -  |
| 4. Recent Trends In Wireless<br>Communication- 4g Technology               | -  |
| 5. Transparent Electronics   | - Aditya Engineering College                                     |
| 6. Cochlear Implants Using<br>Signal Processing Stragies                   | -  |
| 7. Wireless Communication  | - Pragati Engineering College.                                   |
| 8. Cymascope: Sound Made Visible   | - Sri Sai Aditya Institute Of Science And Technology             |
| 9. Holographic Technology  | - Godavari Institute Of Engineering And Technology               |
| 10. If Looks, Could Control  | - <a href="#">Kits Engineering College</a>                       |
| 11. Machine Vision   | - Aditya Engineering College                                     |
| 12. Micro And Molecular Electronics  | - Aditya Engineering College.                                    |
| 13. Night Vision Technology  | -  |
| 14. Nokia Morph Technology   | - <b>GIET</b>  |
| 15. Electro Oculography  | -  |
| 16. Paper Battery  | - <b>GIET</b>  |
| 17. Satellite Digital Multimedia<br>Broadcasting Sytem                     | - V.S.Lakshmi Engineering College For Women                      |
| 18. Sixth Sense  | -  |
| 19. Tranparent Electronics   | - <a href="#">Chaitanya Institute Of Science&amp;Technology,</a> |
| 20. Wireless Optical Communication   | -  |
| 21. Stenography  | - Pragati Engineering College.                                   |
| 22. Blue eye.  | -  |



## **List of PPT'S Exhibited in Ejive- 2K12 on 18-12-2012:**

- |   |  |
|---|--|
| 1. Smart Antennas   | - Gudlavelluru college of engineering                    |
| 2. Claytronics  | - Sri Vishnu engineering college for women               |
| 3. Digital Image Processing   | - GIET   |
| 4. Cruise Control Devices   | - Sri Aditya engineering college                         |
| 5. Evo Mouse  | - Sai Aditya engineering college                         |
| 6. 4th Generation Wi-Max  | - Gayatri institute of technology                        |
| 7. Cell Phone Sensor System To Prevent Nuclear Terrorism                  | - KITE   |
| 8. Biometrics   | - V.s.lakshmi engineering college                        |
| 9. Infrared Life Detection System Using Atmega168                         | - KLU  |
| 10. 5g Technology   | - Adarsh engineering college                             |
| 11. Real Time Face Recognition  | - Aditya engineering college                             |
| 12. Pill Camera(An Application Of Nanotechnology)                         | - KITE   |
| 13. Wireless Charging Through Microwaves                                  | - Sri aditya engineering college                         |
| 14. Sixth Sense Technology  | - Sri sai aditya engineering college                     |
| 15. Autonomous Cars   | - BVC engineering college                                |
| 16. 4g Mobile Communications  | - Grandhi Varalakshmi Venkatarao Institute Of Technology |
| 17. Big Data  | - Chaitanya institute of engineering                     |
| 18. "The Biochips"  | - Sri sai aditya engineering college                     |
| 19. 5g Wireless Networks  | - Ideal institute of technology                          |
| 20. Blue Eyes Technology  | - RVR&JC college of engineering                          |
| 21. "Braingate System"  | - D.j.r institute of engineering and technology          |
| 22. Maglev Trains   | - Sri prakash college of engineering                     |
| 23. Embedded Systems  | - Kims college of engineering                            |
| 24. Robotics Using Neural Networks  | - BVC college of engineering                             |
| 25. Remote Controlled Home Automation System                              | - Sri sai aditya engineering college                     |
| 26. Gesture Based Touchpad Security System                                | - BVS engineering college                                |
| 27. Gi-Fi   | - BVC engineering college                                |
| 28. Global Positioning System   | - DR.L.Bullaya college                                   |
| 29. Li-Fi   | - Swarnandra college of engineering and technology       |
| 30. Hvdc And Facts  | - Santhiram college of engineering and technology        |
| 31. Microcontroller Based Anesthesia Injector                             | - Aditya engineering college                             |
| 32. Nano Fabrication  | - GIET   |
| 33. Nano Robots- Elimination Of Hiv                                       | - Kongu engineering college                              |
| 34. Skinput Technology  | - Pragati engineering college                            |
| 35. Palm Vein Technology  | - KKR&KSR institute of technology and science            |
| 36. Embedded Systems Based Enesthesia Injector<br>Using Micro Controllers | - Aditya engineering college                             |
| 37. Nano Technology   | - Pragati engineering college                            |
| 38. Brain Gate Systems  | - Rajamahendri institute of engineering and technology   |
| 39. Wireless communication  | - Chaitanya institute of engineering and technology      |
| 40. Paper Battery   | - Pragati engineering college                            |
| 41. P-IsM   | - Koneru lakshmanih university                           |
| 42. Wireless Charging Of Mobile Phones Using Microwaves                   | - Aditya Engineering College                             |
| 43. Wibree Technology   | - Pragati engineering college                            |
| 44. Atc And Wind Sheer Detection Through Tdw Radar                        | - Gudlavelluru engineering college                       |
| 45. Smart Fabrics-Their Future  | - KITE   |
| 46. Vehicular Pollution Modeling  | - V.k.r.v.n.b & a.g.k engg.college                       |
| 47. Wimax   | - Srinivasa college of engineering and technology        |
| 48. Wireless Power Reception Through Rectenna                             | - Regency engineering of technology                      |

**Feedback from student co-ordinators:**

We all are very happy to say that EJIVE-2K12 became a very grand success

All the college management and department faculty helped us a lot and by organizing these type of events we can increase our ability for multi-tasking and leadership qualities.

**Feedback from faculty:****Feedback from participants:**

“I would like to congratulate all the co-ordinators who have organized the ece techfest EJIVE 2K12 in a excellent way and the way they organized is good

- B.V.S.N.Ramya (GIET)

“Please see that for various aspects like food , transport as they are some negatives in both food and transport facilities. And the overall aspects are nice.Please take the suggestions in a positive way

- Y.Lavanya (V.S.LAKSHMI)

“The premiers of college is good. I think the student co-ordinators has a good coordination between them as the event became a grand success. The on spot events are good and they gave a chance for relaxation in the busy day

- N.Phani rama Chandra (CIST)

Report Prepared by

HOD-ECE

Mr. T SEKHAR

Mr V PRASANTH