Learning is Supreme Deity

PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)
1-378, ADB Road, Surampalem, E.G. District, A.P.-533 437
Ph: (08852) 252233, 34 Fax: (08852) 252232 W: www.pragati.ac.in
City Office: D.No: 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada

ACCREDITED BY NBA NATIONAL BOARD OF ACCREDITATION

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

REPORT ON "EJIVE-2K14" UNDER STRIDES

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

A Seventh National Level Technical Symposium "STRIDES – E-JIVE 2K14 " was inaugurated by the Department of Electronics & Communication Engineering on 11-04-2014 at Pragati Engineering College

The Programme was inaugurated by the **Chief guest Sri.Dr.B.Prabhakarrao**, **RECTOR,JNTUK, Kakinada,** Dr. Rao lighted the inaugural jyothi and also spoke a few words on the occasion. He said that "students need to update their trend in the technical knowledge & skills regularly to prove their worth in this competitive world". He said that " **STRIDES**is anopportunity & platform for engineering students to explore & exhibit their innate technical & creative skills at National level" and emphasized the need to focus on R&D activities. The chief guest released the souvenir along with all the dignitaries on and off the dais along with student co–ordinators.

Mr. V.Prasanth, HOD, Electronics & Communication Engineering who played a pivotal role in organizing this programme told that about 200 entries in Paper presentation were obtained out of which 41 were selected for the final Presentation, 50 entries in Poster presentation out of which 13 got selected for the final Presentation,35 entries in Project display out of which 24 selected for final Presentation,40 Teams in Quiz Competition out of which 28 Teams selected for Participation & 3 Teams Selected for Contraptions . **Mrs.RatnaKumari, Assoc.prof, JNTUK&*U.V.Yedukondalu,* Assoc.prof, HOD,ECEDept,AdityaEngg.College** represented as the judges for the final Presentation

Dr. P Krishna Rao ,Chairman ,Pragati Engineering College also attended the inaugural and spoke a few words on this occasion he stated that the college has been taking all the

necessary steps to mould the students as future industrialists besides imparting technical education. He gave his valuable suggestions to the students and also advised them to partake in presenting various papers in the technical fields and the students applauded his suggestions and ideals greatly.

Dr. S. Sambhu Prasad, Principal of the College addressed the gathering and gave a warm welcome to the Chief Guest, Participants & Students in presence of the Chairman of the college, Dr. P. Krishna Rao, Directors, HODs' & students, extending his wishes for making the event a grand success

The prestigious event STRIDES ended up with a **valedictory function** with the arrival of honorable chief guest padmasriDr.M.Y.S Prasad director SDSC

All the dignitaries had been invited on the dias along with the chief guest .the student organizers of different departments gave out the success stories. The department of ECE dedicated their prestigious event EJIVE 2k14 to late Mr.K.Anandamohan sir, then principal Dr.S.sambu Prasad gave out his valuable message appreciating the team work of the students.

The students of different colleges who have participated in STRIDES –EJIVE 2k14 said that the organizing skills, hospitality, food and the discipline of the event are remarkable. They have given special appreciation to the team of e-revolution (electronic museum)

The management, staff and students of Pragati engineering college honored the legendary scientist PADMASRI Dr.M.Y.S.Prasad by giving him a traditional felicitation. Then the chief guest showered his valuable message on students and he also gave a power point presentation on ISRO and shown the video launching of satellites

He advised the students to update their knowledge about the contemporary technologies, then he gave away the prizes to all the prize winners. The prize winners rejoiced to receive the prize from a dynamic scientist. The function ended up with a vote of thanks given by vinisha.J of 3rd ECE-B.Tech

The chief guest has visited the e-revolution ,museum of electronics and spent his valuable with the students listing their explaination of each and every exhibit , the satilite session and the model satilites prepared by the students attracted him a lot. Finally he Has given his valuable feedback by signing "**IT IS EXCELLENT"**

Faculty Organizers:

1. Mr.Ch.Satish
2. Mr.G.S.Sivakumar
3. Mr.T.Sekhar
4. Mr.P.Vijaygopal

Overall Student Organizers :

1. G.Chandar Dayakar Singh
2. K.Sudharma Teja
3. K.Sree Lekha
4. V.B.Priyanka

PRADARSHAN(PPT)

Number of papers received=200
Number of papers selected from other colleges=37
Total number of acknowledgements received=26
Maximum number of participants per team=2
To encourage our college students, we conducted prelims for 40 teams
Number of papers selected from our college=15
Total Papers Selected = 41
These papers presented at two different places, Seminar Hall-1 and EDC Cell.
Presentations are evaluated on the following criteria:
Topic, communication skills, presentationand content
Total marks=40

SEMINAR HALL 1

Number of papers presented=21

Faculty Co-ordinators:

1. Mrs.P.Sunitha, Assoc.prof , Pragati Engg.College.

Judges:

1.Mrs.RatnaKumari, Assoc.prof, JNTUK

ENTERPRENUER DEVELOPMENT CELL

Number of papers presented=20

Faculty Co-ordinators:

1. Mr.CH.Venketeswarulu ,Assoc.prof , Pragati Engg.College.

Judges:

1.*U.V.Yedukondalu,* Assoc.prof, HOD,ECE Dept,AdityaEngg.College.

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
1st Prize	S.K.ChandbeeShiek,E.L.Sowjanya	vignan university .	Rs 5000/-
2nd Prize	G.Rakesh, S.V.V.S.Suresh	Sasi Institute	Rs.3000/-

Student Coordinators:

1.S.Pavan Kumar 2.S.Mounika Roja 3.M.Arunalatha 4.N.Surya Prasanna
5.B.Prathyusha 6.K.S.S.Srujana 7. S.S.L.CH.Mounica 8.A.Noothan Kiran
9.K.Rama Rao10.Dhanuja Rani 11.M.Navya

List of papers Selected

S.NO.	NAMES OF PARTICIPANTS	NAME OF COLLEGE	TOPIC
1	T.V.N.REVANTH KUMAR, V.MAHA LAKSHMI	ADITYA ENGG. COLLEGE	GI-FI TECHNOLOGY
2	D.NOOKA RAJU, A.THRINADH KUMAR	ADITYA ENGG. COLLEGE	FINGER PRINT BASED VEHICAL ACCESS SYSTEM
3	V.N.V.PRABHAKAR, V.BHAVYA	ADITYA ENGG. COLLEGE	BRAIN COMPUTER INTERFACE
4	D.HARIKA, CH.DIVYA KRUPA	ADITYA ENGG. COLLEGE	WITRICITY
5	VEERENDRA KANDULA, S.KIRANMAI	ADITYA ENGG. COLLEGE	GPS AIDED GEO-AUGMENTED NAVIGATION
6	G.DEVI, M.KUSUMA	ADITYA ENGG. COLLEGE	4G MOBILE COMMUNICATION
7	CH.MANISHA, V.M.V.NAGA DEVI	ADITYA ENGG. COLLEGE	WIMAX
8	ESWAR RATNA TEJA,SWAROOP	ADITYA ENGG. COLLEGE	RADAR BULLET
9	N.D.S.BHAVYA ,R.SANDHYA	ADITYA ENGG. COLLEGE	ADVANCED OPTICAL COMMUNICATION
10	V.CHANDRA, K.DEVI PRASANNA	ADITYA ENGG. COLLEGE	PAPER BATTERY
11	Y.V.HARSHA VARDHAN	AMRITHA VISWAVIDYAPEETAM BANGALORE	MOBILE BASED DEVICE CONTROL
12	K.MANI KANTA RAYUDU	BVC ENGG. COLLEGE	ANDROID TECHNOLOGY
13	K.SANTHI PRIYA, K.JYOTSNA	GIET	WIRELESS POWER TRANSMISSION
14	V.NAVYA MADHURI	IDEAL ENGG. COLLEGE	NANOTECHNOLOGY
15	T.SHANTHI PRIYA, Y.AMALA	IDEAL ENGG. COLLEGE	VLSI DESIGN
16	P.JYOTHI, B.SRAVANI	IDEAL ENGG. COLLEGE	BLUE BRAIN TECHNOLOGY USING NANOROBOTS
17	M.SUMANTH, K.MUNISWAMY	KIET COLLEGE	OLED
18	Y.SURYA PADMA, N.D.S.L.SUBHASHINI	KIET COLLEGE	LIFI TECHNOLOGY
19	CH.TRINADH SWAROOP, Y.SASIKANTH	KIET COLLEGE	RFID

S.NO.	NAMES OF PARTICIPANTS	NAME OF COLLEGE	TOPIC
20	S.SAMAUDYA	KIET COLLEGE	MICRO PLASMA FIELD EFFECT TRANSISTOR
21	GOPINATH, I.L.N.RAO	PRAGATI ENGINEERING COLLEGE	WITRICITY
22	D.R.LAVANYA, P.V.P.PRATYUSHA	PRAGATI ENGINEERING COLLEGE	P-ISM
23	B.N.S.ANOOSHA, G.MANASA	PRAGATI ENGINEERING COLLEGE	MERMISTERS
24	N.SREEKAVYA, G.RENUKA	PRAGATI ENGINEERING COLLEGE	SKINPUT TECHNOLOGY
25	V.SRAVYA JORDAN, K.G.SARANYA	PRAGATI ENGINEERING COLLEGE	NANOROBOTICS
26	B.VENKATESH, B.RANDEEP	PRAGATI ENGINEERING COLLEGE	LAUNCHING OF CURIOSITY ON MARS
27	A.BHASKAR, CH.SANTOSH	PRAGATI ENGINEERING COLLEGE	CLOUD COMPUTING
28	G.MANASA, K.MADHURI	PRAGATI ENGINEERING COLLEGE	E-WASTAGE
29	V.S.S.S.POOJITHA, K.VINEELA	PRAGATI ENGINEERING COLLEGE	HELIO DISPLAY
30	N.SAI RAM KIRAN, V.V.S.SAI KUMAR	PRAGATI ENGINEERING COLLEGE	BLACK BOX
31	CH.VINEETHA, M.NAIMISHA	PRAGATI ENGINEERING COLLEGE	ITWIN TECHNOLOGY
32	K.S.D.SRAVANI	PRAGATI ENGINEERING COLLEGE	A GLIMPSE OF SPACE ACTIVITIES IN INDIA
33	V.ALEKHYA, K.POOJA PRAVARDHINI	PRAGATI ENGINEERING COLLEGE	MAGNETIC LEVIATATION
34	SAMEERA, KIRANMAYI	PRAGATI ENGINEERING COLLEGE	GREEN BUILDING
35	V.KEERTHI PRIYA, I.SUDIVYA	SAI ADITYA ENGG. COLLEGE	MOBILE PHONE RADIATION
36	G.RAKESH, M.V.V.S.SURESH	SASI INSTITUTE OF TECHNOLOGY	BRAIN CONTROLLED CAR
37	V.RADHA HANEESHA, SK.SHAHEERE BHANU	SHRI VISHNU ENGG.COLLEGE,BHIMAVARAM	BIOMETRIC IRIS RECOGNITION
38	V.VINAY SWAROOP, J.SUREKHA	SRI ADITYA ENGG. COLLEGE	E-WALLET
39	CHANDBEE SHAIK, E.L.SOWJANYA	VIGNAN UNIVERSITY, GUNTUR	VILVALDI ANTENNA
40	P.TEJASREE, P.V. UMA	VIGNAN UNIVERSITY, GUNTUR	MICROSTRIP ANTENNA
41	SABEEKA BANU, S.DIVYAKALA	VISHNU COLLEGE, BHIMAVARAM	BLUE BRAIN

CLUSTURA (POSTER)

On the eve of EJIVE 2K14 held on 12th APRIL,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. P.Manikanta
2. V.Lakshmanmurthy
3. K.Sravya
4. K.Divyamanasa
5. K.Priyankadevi
6. K.Veerababu
7. P.Vamsi Chandra
8. K.Aparna

No. of posters received: 20

No. of posters selected: 18

No. of posters Presented: 13

JUDGES:

1. B.Vasanthalaksmi**, Assoc.prof , Pragati Engg.College**
2. P.Vijaygopal**, Asst.prof , Pragati Engg.College.**
3. B.S.S.Vidya **,Asst. .prof , Pragati Engg.College.**

PRIZE WINNERS:

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
I ST Prize	K.ManikantaRayuduV.RupeshCharwak	BVC Engineering College	Rs.5000/-
2nd Prize	B.Gopinath	Pragati Engineering College	Rs.1500/-
2nd Prize	K.Abhyuday ,K.Rajasekhar	Pragati Engineering College	Rs.1500/-

List of Posters Selected

S.NO	NAME OF THE PARTICIPANTS	NAME OF THE COLLEGE	TOPIC
1	Y.jawaharprabhukumarraju P.narasimha	Sasi institute of technology &engineering	Bio nics
2	Ch.venkatesh Surya srikar	Aditya engineering college	Lunar space elevator
3	B.v.lalitha P.kameswari	Aditya engineering college	Sensors
4	P.v. arun P.v.kiran	Bvc engineering college	Sixth sense technology
5	S.durgaprasad Avv.durgaprasad	Saiaditya engineering college	Super capacitors
6	M.b.v. satish	Aditya engineering college	Vlsi design
7	Suharsha Vasavi	Pragati engineering college	Nano techniology on cancer
8	K.LAKSHMI DEVI N.SAHITYA	Pragati engineering college	WIRE LESS COMMUNICATION
9	SURYA SRIKAR	GIET	LUNAR SPACE ECLIPSE
10	K.abhyuday K.rajasekhar	Pragati engineering college	Solar cells & super capacitors reinforced with graphene
11	N.sivadurgapraveen P.saikrishna	Pragati engineering college	Witricity
12	K.sasikalyani K.jyothsna	Giet	Wireless communication
13	B.pavani B.vijayalakshmi	Aditya engineering college	Witricity

***AVISHKAR* (Projects)**

TOPICS:

1.EMBEDDED SYSTEMS 2.VLSI DESIGN
3.BASIC ELECTRONICS 4.CURRENT TRENDS IN ELECTRONICS

Student coordinators:

1.L.PhaniVeera Prasad 2.D.Vamsi 3.M.Pavan Kumar
4. K..N.S.Neelima Devi 5.V.Phani Krishna 6.G.Alekhya
7.K.A.L.Mounika 8.Md.Chandini

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.
  1st year Students: 5 Projects Presented
  2nd year Students: 11 Projects Presented
  3rd year Students: 2 Projects Presented
- From various Engineering Colleges like KIET, AIMS,SriAditya,Shri Vishnu students presented 6 projects.
- TOTAL NUMBER OF PROJECTS FOR EVENT:**24**

WINNERS:

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
I ST Prize	A.B.S.Pruthvi Raj, CH.BalaSantosh	Pragati Engineering College	Rs.5000/-
2nd Prize	T.Sai Krishna Teja,L.Prakash	AIMS College	Rs.3000/-

List of Projects

S.NO	Name of the Student	Project Name	Name of the College
1	Giduturi Lava Raju Chukkala Rajesh Kumar	Tesla Coil	Pragati Engineering College
2	PatnalaVisalakshi Srujana Susan Sabbithi SesettiTejaswi	Active Reflector for Pedestrains safety	Pragati Engineering College
3	K.PrudhviTej D.V.SaiSandeep K.HariKashyap	Wakeup Alarm	Pragati Engineering College
4	CH.R.V.S.N.SriHarsha N.Gourav Sri A.V.S.N.Phani Kumar	Automatic street light	Pragati Engineering College
5	PonnadaSai Dinesh YellapuYashwanthAgastya A.ShanmukhaDurgesh	Room in and out Security system	Pragati Engineering College
6	KarrothuBangarRaju KilladiParamesh TalatamVeeraShanmukha Kishore	GSM based Security system in real time applications	Pragati Engineering College
7	B.Ranadeep B.Venkatesh S.R.K.Vithal	IR Remote control with power saving LED lamp	Pragati Engineering College
8	CH.SreeSatyaPriya S.Srilatha M.Nikhila	IR Music Transmitter and Receiver	Pragati Engineering College
9	P.V.Sushma N.LalithaLavanya K.SreeDeepthi R.HimaBindu	Heartbeat Monitoring System	Pragati Engineering College
10	P.V.SitaVasantha Lakshmi K.HarshithaKumari S.Aishwarya	Transformerless Power supply	Pragati Engineering College
11	Nidadavolu Lakshmi Prasanthi UppalaAnupamaLavanya ShaikAnusha	Infrared Remote control ON/OFF Switch	Pragati Engineering College
12	A.B.S.Pruthvi Raj CH.BalaSantosh	Electrification	Pragati Engineering College
13	P.V.P.Pratyusha D.R.Lavanya N.SriKanya	Industrial Sensor network prototype with Metal detection	Pragati Engineering College
14	PalaparthiChaitanya Dora KasarapuChanti PappuKrishnamRaju	FM Transmission	Pragati Engineering College

S.NO	Name of the Student	Project Name	Name of the College
15	N.Pranavi S.Suchitha R.Sabitha Sharon	Inverter	Pragati Engineering College
16	K.L.Harika G.Maanasa	Automobile Flasher	Pragati Engineering College
17	B.Prathyusha S.S.L.CH.Mounika Nagam Surya Prasanna	Object detection to avoid accidents using SONAR	Pragati Engineering College
18	A.Santhoshi CH.GayathriManasa K.S.S.P.Priyanka Devi	Industrial based Multi sensor system	Pragati Engineering College
19	Y.Surya Padma M.Sumanth	Seed Sowing Robot	Kakinada Institute of Engineering and Technology
20	M.D.S.Sravya M.Oshin	Digital code lock system	Shri Vishnu Engineering College for Women
21	S.Divya Kala SabeekaBanu	Train speed control based on signals	Shri Vishnu Engineering College for Women
22	RamireddySharan Chikatla Ganga Sreedhar GundraVeeraSubrahmanyam	Prepaid Energy meter	Kakinada Institute of Engineering and Technology
23	L.R.ChandraPrakash T.Sai Krishna Teja	Mobile control Robot without Micro controller	AIMS College of Engineering
24	ThotaSatyaSaiCharan K.V.S.R.UdayBhaskar Reddy P.Pruthvi	AGROBOT	Sri Aditya Engineering College

ENGLISH SPLASH

On the eve of EJIVE 2K14 held on 12th April 2014 the third year ECE students organized a spot event named ENGLISH SPLASH. The event proceeded in FOUR levels. Namely, Group discussion, Just a minute and Know yourself followed by elocution as the last level.

Student Coordinators:

1.T. Sowmya 2. M. Nissi Marilyn 3. A. Venkatesh
4.D. Ravi Teja 5. Moina Zara 6.P. SaiMounika

Faculty Coordinators:

1. Mrs. G. Sri Lakshmi, Asst. Prof.
2. 2.Miss. Ch. D. Vishnu Priya, Asst. Prof.

GROUP DISCUSSION:

Number of students participated : 162
Number of students promoted : 101

JUDGES:

1. Mr. N. Naresh, Asst. Prof, BS&H Dept, Pragati Engg. College.
2. Mr. K. Chakrapani, Asst. Prof, BS&H Dept, Pragati Engg. College.

Group Discussions was held in two slots. The Group Discussions was among 8 students and 4 members were selected from them.

JUST A MINUTE:

Number of students participated: 101
Number of students promoted: 57

JUDGES:

1. Miss Ch .D. Vishnu Priya, Asst. Prof

Just a minute was conducted individually to test their speaking skills individually rather than in a group.

KNOW YOURSELF:

Number of students participated: 57
Number of students promoted: 32

JUDGES:

1. Mr. K. Chakrapani, Asst. Prof, BS&H Dept, Pragati Engg. College.
2. Mrs. V. Srujana, Asst. Prof, BS&H Dept, Pragati Engg. College.

Participants were asked 10 questions individually based on LSRW in English. Candidates who have answered correct for 5 or more were promoted to the final round.

ELOCUTION:

Number of Students participated: 32

JUDGES:

1. Mr. K. Chakrapani.
2. Mr. J.D. Naidu.
3. Mr. B. Kishore Kumar.
4. Mr. Y. Surendra Kumar.

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:

Y. Suresh (1st MECH-A, Pragati Engg. College)
N. Damini(1st ECE- B, Pragati Engg. College)

CEREBRUM (QUIZ)

TOPICS:

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

STUDENT CO-ORDINATORS:

1. SudhanRamjee
2. AdilShariff
3. Phani Krishna
4. Sravanthi
5. Pravallika
6. KranthiRekha
7. Sunandha
8. Praveen
9. Priyanka

JUDGES:

4. **Mrs.B.VASANTHA LAKSHMI,Assoc. .prof , Pragati Engg.College.**
5. **Mrs.T. LAVANYA,Asst. .prof , Pragati Engg.College.**

PARTICIPANTS:

- Maximum Number Of Participants Per Team:**3**
- Total Number Of Teams Participated In Prelims:28
- Toatl Number Of Teams Selected In Prelims:10
- On-Spot Registered Teams:2
- Total Number Of Teams For 1st ,2nd, 3rd Rounds :12
- Total Number Of Teams Selected For 4th Round:8
- Total Number Of Teams Selected For Final Round:4

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
1st Prize	S.Pavan Kumar V.Lakshmanmurty V.RupeshCharwak	Pragati Engineering College, Surampalem.	Rs.2000/-
2nd Prize	K.Rajasekhar K.Abhishek Jain P.Manikanta	Pragati Engineering College, Surampalem.	Rs.1000/-

NIRMAN (CONTRAPTIONS)

On the day of EJIVE 2K14 held on 12thApril, 2014, the third year ECE students organized an event named NIRMAN (CONTRAPTIONS). The event elevated the technical skills and Creativity of all those who took part in the event.

Student Coordinators:

1. B.Kali Mahesh	2.V.RupeshCharwak	3. P.V. Bhanu
4. S.R.L.Kameswari	5. B.R.SriHarsha	6.D.S.Varma
7. G.SuryaKumari	8.P.L.Lalitha	9.K.K.Jyothi Kumari

No. of contraptions received: 5
No. of contraptions selected: 3
No. of contraptions displayed: 3

Faculty Coordinator:

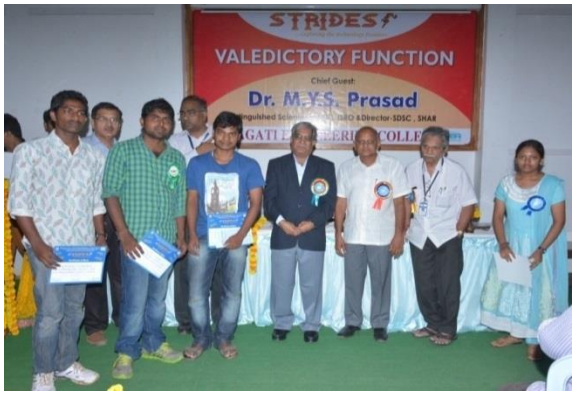
Mrs.P.Sunitha,Assoc.prof , Pragati Engg.College

JUDGE:

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

PRIZE WINNERS:

FINALISTS	NAME OF THE PARTICIPANT	NAME OF THE COLLEGE	PRIZE MONEY
IST Prize	K.Krishna Ram Mohan,K.Vamsi,I.Akhil, P.Sarma	PRAGATIENGINEERING COLLEGE	Rs.6000/-
2ndPrize	P.C.MartinRaj,I.Rao,G.Siva,S. SaiTeja,N.Shiva Praveen	PRAGATI ENGINEERING COLLEGE	Rs.1500/-
2ndPrize	S.HariKrishna,G.VenkataRama na, K.V.S.S.S.Subramanyam, A.Priyanka,B.N.S.Mohan	SRI PRAKASH ENGINEERING COLLEGE	Rs.1500/-



e-REVOLUTION

(An Electronic Museum)

This year the department of ECE has prestigiously introduced an event "e-REVOLUTION" which is an electronic museum. The aim of this event is to inspire future engineers by exposing them to past, present and future electronics.

ROOM-1

The revolution begins with an incandescent bulb which was followed by various types of vacuum tubes such as diode, triode, gas triode, tetrode, beam power tube, pentode, hexode, heptode, octode, quartz crystal which showed the end of vacuum tube era.

We have also exhibited next generation electronics like diodes transistors crystal oscillators ICs displays Resistors, capacitors, coils, switches and batteries.

Under the application of these electronic components we exhibited a 45 years old SANSUI r eel to reel tape recorder which is 2nd introduced tape recorder in India followed by Sony WATCH MAN of 1984 gramophone.

Then comes the evolution of camera since 1945(Kodak brownie reflex), yoigttanderbessai(1959) German , yashica mat 124G 1986, Japanese national M1000 a video recorder of year 1990, followed by projector section showing SAWYER's projector of 1951 and liberty vision 285.

ROOM-2

In the next room, we have displayed VCR, VCP, MP3, MP4 and MP5 Players. Next we have Microwave section. We have placed a Microwave Oven which was of the year 1984. Its evolution and fascinating facts were explained over there.

Next comes the Television section, the various parts present in the TV were explained and even the minute components were displayed.

Next we have Microwave Devices,

- Optical Fibre
- 2gc wave guide
- Coaxial cable
- 6gc wave guide
- Uhf feeder cable
- Reflex klystron
- Klystron

Next comes the telephone and mobile section

- Sony chord less phone
- BSNL land line
- Panasonic chord less phone
- Mobile phone demonstration kit(Nokia 1600)
- Samsung touch screen

Then comes the communication section

- GSM
- ZIGBEE
- SONAR
- GPRS

SATELLITE SECTION

WE have displayed the pictures of satellites in chronicle order

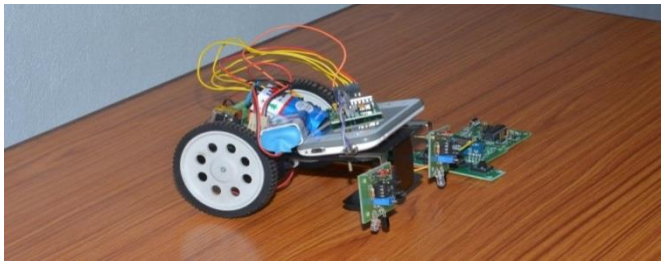
- IRNSS-1B
- GSAT 14
- MOM DISASSEMBLED
- MOM
- GSAT-7
- INSAT-3D
- SARAL
- GSAT-10
- RISAT-1
- MEGATROPIQUES
- CARTOSTAT

We have prepared some satellite models like

- JASON-1
- SORCE
- IKONOS-2
- ACRIMSAT-2

We have displayed incessantly videos like

- Stephen hawking black hole theory for time travel
- Corning technology that transforms any surface to touch screen
- Latest 10 technologies that already exist.



E-Revolution Faculty Coordinators

1. G.S.Sivakumar, Assoc. Professor,

E-Revolution Student Coordinators

1. P.Malika
2. S.Yamuna sree
3. K Raja Sekhar
4. K. Abhishek
5. Suneel Raj.G
6. K Purna Sindhuja
7. Ch.Gowthami
8. R.Satish

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 participants:

"Good hospitality and good organization - EJive-2k14"

- L.R.ChandraPrakash (AIMS)

"Generally we find students in other college giving more importance to Spot Events and Fun but In this college Technicality is given more importance. I think something more can be expected from hospitality and Transport."

- Y.V.Harshavardhan (amritha Viswavidyapeetam,bangalore)

"E-Revolution inspired me a lot I wanted to do the same event in our college it is so exciting seeing the ancient equipment. It is simply amazing and fantastic.EJIVE-2k14

- P.v. Arun(BVC Engg College)

Report prepared by

(Mr.T.Sekhar)