



# NELENA

(News of Electrical Engineers Activities)

## A Half Yearly News Letter Department of Electrical and Electronics Engineering

PVP Siddhartha Institute of Technology  
Autonomous & Permanent Affiliation to JNTUK, Kakinada  
AICTE Approved, NBA Accredited and ISO 9001: 2008 certified Institution  
(Sponsored by Siddhartha Academy of General and Technical Education)  
Kanuru, Vijayawada- 520007

Volume: 12

January-June-2018

### Faculty Incharge:

Mrs. D.Ragaleela  
Mr. P.Karunakar

### Inside:

#### 1. Faculty Publications

- (i) International Journals
- (ii) International Conferences

#### 2. Research projects applied

#### 3. Programmes Organised

#### 4. Programmes attended by staff (seminars / guest lectures / workshops / Industrial Training)

#### 5. Faculty achievements

#### 6. Faculty Interaction with outside World

#### 7. Student Participation

#### 8. Student Achievements

- (i) Placements

#### 9. Industrial visit

### Quotation

Motivation is the art of getting  
people to do what you want  
them to do because they want  
to do it

**Dwight Eisenhower**

### FACULTY PUBLICATIONS:

#### International Journals:

1. Dr. **K.LENIN**, “Real Power Loss Reduction by Mutually Dependent Creature Investigation Algorithm”, International Journal of Mechatronics, Electrical and Computer Technology (IJMEC), Vol. 8(27), Jan. 2018, PP. 3736-3744, ISSN: 2305-0543.  
[http://aeuso.org/includes/files/articles/Vol8\\_Iss27\\_3736-3744\\_Real\\_Power\\_Loss\\_Reduction\\_by\\_Mutual.pdf](http://aeuso.org/includes/files/articles/Vol8_Iss27_3736-3744_Real_Power_Loss_Reduction_by_Mutual.pdf)
2. Mr. **VIJAYA ANAND N**, “A novel order reduction procedure for linear time invariant interval systems using SGO algorithm”, International Journal of Engineering & Technology, 7 (1.8) (2018) 118-122 (**Scopus Indexed**)  
<https://www.sciencepubco.com/index.php/ijet/article/view/9986/3513>
3. Mrs. **D.RAGALEELA**, “Power Flow Studies With Facts Devices”, International Journal for Research in Engineering Application & Management (IJREAM), Volume: 3, Special Issue, ISSN: 2454-9150, PP: 296-301, March 2018.  
<https://www.ijream.org/papers/IMC18205.pdf>
4. Mr. **N.VIJAYA ANAND**, “Model Order Reduction Using Hybrid Optimization Algorithm”, International Journal for Research in Engineering Application & Management (IJREAM), Volume: 3, Special Issue, ISSN: 2454-9150, PP: 274-277, March 2018.

<https://www.ijream.org/papers/IMC18204.pdf>

5. Dr. **M. V. RAMESH**, Mr. **B. MOHAN**, Mr. **M. SESHU**, “Solar Based Electrical Vehicle System”, International Journal for Research in Engineering Application & Management (IJREAM), Volume: 3, Special Issue, ISSN: 2454-9150, PP: 423-428, March 2018.

<https://www.ijream.org/papers/IMC18203.pdf>

6. Mr. **T. NARASIMHA PRASAD**, “ A Simplified Control Strategy for DC Micro Grid consists of Multiple Distributed Generation Sources”, Asian Research Publishing Network (ARPN) Journal of Engineering and Applied sciences, Vol.13, No.6, ISSN: 1819-6608, GIF: 0765, March 2018 (**Scopus Indexed**).

[http://www.arpnjournals.org/jeas/research\\_papers/rp\\_2018/jeas\\_0318\\_6931.pdf](http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_0318_6931.pdf)

7. Dr. **K.LENIN**, “Vortex Optimization Algorithm For Solving Optimal Reactive Power Dispatch Problem”, International Journal of Research - Granthaalayah, volume 6(1), pp 266-276, 2018, ISSN- 2350-0530.

<http://oaji.net/articles/2017/1330-1519116360.pdf>

8. Dr. **K.LENIN**, “Active Power Loss Reduction By Better-Quality Particle Swarm Optimization Algorithm”, International Journal of Research - Granthaalayah, volume 6(1), pp 329-337, 2018, ISSN- 2350-0530.

<http://oaji.net/articles/2017/1330-1519116985.pdf>

9. Dr. **K.LENIN**, “Reduction Of Active Power Loss By Chaotic Search Based Artificial Bee Colony Algorithm”, International Journal of Research - Granthaalayah, volume 6(1), pp 377-388, 2018, ISSN- 2350-0530.

<http://oaji.net/articles/2017/1330-1519117283.pdf>

10. Dr. **K.LENIN**, “Integrated Algorithm for Decreasing Active Power Loss”, IAES International Journal of Artificial Intelligence , Vol. 7, No. 1, March 2018, pp. 33~41 ISSN: 2252-8938.

<http://www.iaescore.com/journals/index.php/IJAI/article/view/9374/pdf>

11. Dr. **K.LENIN**, “Amended Particle Swarm Optimization Algorithm for Real Power Loss Reduction and Static Voltage Stability Margin Index Enhancement”, International Journal of Research - Granthaalayah, volume 6(2), pp 146-156, 2018, ISSN- 2350-0530.

<http://oaji.net/articles/2017/1330-1520668292.pdf>

12. Dr. **K.LENIN**, “Reduction of Real Power Loss by Advanced Particle Swarm Optimization Algorithm”, International Journal of Research - Granthaalayah, volume 6(2), pp 166-181, 2018, ISSN- 2350-0530.

<http://oaji.net/articles/2017/1330-1520668614.pdf>

13. Dr. **K.LENIN**, “Ameliorated Particle Swarm Optimization Algorithm for Solving Optimal Reactive Power Dispatch Problem”, International Journal of Research - Granthaalayah, volume 6(2), pp 202-213, 2018, ISSN- 2350-0530.  
<http://oaji.net/articles/2017/1330-1520669769.pdf>
14. Dr. **K.LENIN**, “Real Power Loss Minimization and Voltage Stability Enhancement by Hybridization of Eagle Strategy with Particle Swarm Optimization Algorithm”, Journal of the Institute of Engineering, 2018, 14(1): 22-34, ISSN 1810-3383.  
<https://www.nepjol.info/index.php/JIE/article/viewFile/20066/16467>
15. Dr. **K.LENIN**, “Active Power Loss Reduction By Firefly Algorithm”, International Journal of Research - Granthaalayah, volume 6(3), pp 155-165, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss3/18\\_IJRG18\\_A03\\_1209.pdf](http://granthaalayah.com/Articles/Vol6Iss3/18_IJRG18_A03_1209.pdf)
16. Dr.**K.LENIN**, “ Real Power Loss Reduction By Enhanced Acclimatized Bacterial Exploration Algorithm”, International Journal of Research - Granthaalayah, volume 6(3), pp 182-190, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss3/22\\_IJRG18\\_A03\\_1211.pdf](http://granthaalayah.com/Articles/Vol6Iss3/22_IJRG18_A03_1211.pdf)
17. Dr. **K.LENIN**, “Real Power Loss Reduction Enhanced Artificial Bee Colony Algorithm”, International Journal of Research - Granthaalayah, volume 6(3), pp 203-213, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss3/24\\_IJRG18\\_A03\\_1212.pdf](http://granthaalayah.com/Articles/Vol6Iss3/24_IJRG18_A03_1212.pdf)
18. Dr. **K.LENIN**, “Real Power Loss Reduction by Quantum Genetic Algorithm”, International Journal for Research in Engineering Application & Management (IJREAM), Volume: 3, Special Issue, pp 371-374, March 2018, ISSN: 2454-9150.  
<https://www.ijream.org/papers/IMC18201.pdf>
19. Dr. **K.LENIN**, “Sperm Movement Algorithm for Solving Optimal Reactive Power Dispatch Problem”, International Journal for Research in Engineering Application & Management(IJREAM), Volume: 3, Special Issue, pp 404-408, March 2018, ISSN: 2454-9150.  
<https://www.ijream.org/papers/IMC18202.pdf>
20. Dr. **K.LENIN**, “ Dimensioned Particle Swarm Optimization For Reactive Power Optimization Problem”, International Journal of Research - Granthaalayah, volume 6(4), pp 281-290, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss4/27\\_IJRG18\\_A04\\_1325.pdf](http://granthaalayah.com/Articles/Vol6Iss4/27_IJRG18_A04_1325.pdf)

21. Dr. **K.LENIN**, “ Enhanced Spider Algorithm For Minimization Of Real Power Loss”, International Journal of Research - Granthaalayah, volume 6(4), pp 301-311, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss4/29\\_IJRG18\\_A04\\_1327.pdf](http://granthaalayah.com/Articles/Vol6Iss4/29_IJRG18_A04_1327.pdf)
22. Dr. **K.LENIN**, “ Lucid Particle Swarm Optimization Algorithm For Solving Optimal Reactive Power Problem”, International Journal of Research - Granthaalayah, volume 6(3), pp 312-324, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss4/30\\_IJRG18\\_A04\\_1329.pdf](http://granthaalayah.com/Articles/Vol6Iss4/30_IJRG18_A04_1329.pdf)
23. Dr. **K.LENIN**, “Active Power Loss Reduction By Synthesized Algorithm ”, International Journal of Research - Granthaalayah, volume 6(5), pp 149-156, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss5/16\\_IJRG18\\_A05\\_1374.pdf](http://granthaalayah.com/Articles/Vol6Iss5/16_IJRG18_A05_1374.pdf)
24. Dr. **K.LENIN**, “A Reduction Of Real Power Loss By Enriched Genetic Algorithm”, International Journal of Research - Granthaalayah, volume 6(5), pp 169-176, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss5/18\\_IJRG18\\_A05\\_1375.pdf](http://granthaalayah.com/Articles/Vol6Iss5/18_IJRG18_A05_1375.pdf)
25. Dr. **K.LENIN**, “Active Power Loss Reduction by Assorted Algorithms”, International Journal of Research - Granthaalayah, volume 6(5), pp 263-275, 2018, ISSN- 2350-0530.  
[http://granthaalayah.com/Articles/Vol6Iss5/26\\_IJRG18\\_A05\\_1376.pdf](http://granthaalayah.com/Articles/Vol6Iss5/26_IJRG18_A05_1376.pdf)
26. Mr. **N.VIJAYANAND** “A novel reduced order modeling of interval system using soft computing optimization approach”, Proceedings of the Institution of Mechanical Engineers, Part I: Journal of Systems and Control Engineering, 2018, ISSN: 0959-6518, Impact Factor : 1.420, <https://doi.org/10.1177/0959651818766811> (**WOS & Scopus Indexed**)  
<http://journals.sagepub.com/doi/abs/10.1177/0959651818766811>
27. Mr. **B. BADDU NAIK** , Dr. **CH. PADMANABHA RAJU**, “A Constriction Factor Based Particle Swarm Optimization for Congestion Management in Transmission Systems”, International Journal on Electrical Engineering and Informatics - Volume 10, Number 2, June 2018, ISSN: 20856830 (**UGC & Scopus Indexed**) (SJR 2015 = 0.219) Index Copernicus (ICV 2013 = 6.33)  
<http://www.ijeei.org/docs-18261921065b6938d269c94.pdf>

### **International Conferences:**

1. Mrs. **J.HEMA LATHA**, “Modeling and Analysis of 21 Level Cascade Model Multilevel Inverter”, 2<sup>nd</sup> International conference on Inventive Systems and Control (ICISC 2018), ISBN: 978-1-5386-0807-4, PP: 586-590, Conducted by IEEE on 19<sup>th</sup> - 20<sup>th</sup> January 2018 at Coimbatore, Tamil Nadu, India.
2. Dr. **CH.PADMANABHA RAJU**, “Selection of Battery size by using Power flow decision program for Microgrids”, 2<sup>nd</sup> International conference on Smart Computing & Informatics (SCI-2018) conducted by Springer, Singapore - Smart Innovation, Systems and Technologies (SIST), volume 104, pp 581-590, P-ISBN: 978-981-13-1920-4, doi.org/10.1007/978-981-13-1921-1\_57 on 27<sup>th</sup> -28<sup>th</sup> January 2018 at PVPSIT, Vijayawada (**Scopus Indexed**).
3. Mrs. **D. RAGALEELA**, “A new approach for Line Loadability Enhancement in Restructured Power System”, 2<sup>nd</sup> International conference on Smart Computing & Informatics (SCI-2018) conducted by Springer, Singapore - Smart Innovation, Systems and Technologies (SIST), volume 104, pp 495-503, P-ISBN: 978-981-13-1920-4, doi.org/10.1007/978-981-13-1921-1\_49 on 27<sup>th</sup> -28<sup>th</sup> January 2018 at PVPSIT, Vijayawada (**Scopus Indexed**).
4. Dr. **K.LENIN**, “Enhanced Red Wolf Optimization Algorithm for Reduction of Real Power Loss”, 2<sup>nd</sup> International conference on Smart Computing & Informatics (SCI-2018) conducted by Springer, Singapore - Smart Innovation, Systems and Technologies (SIST), volume 104, pp 45-51, P-ISBN: 978-981-13-1920-4, doi.org/10.1007/978-981-13-1921-1\_5 on 27<sup>th</sup> -28<sup>th</sup> January 2018 at PVPSIT, Vijayawada (**Scopus Indexed**).
5. Mr. **VIJAYA ANAND N**, “Optimal Routh Approximates for Discrete-Time Interval Systems using Kharitonov Theorem”, IEEE international conference, RTECC-18, jointly organized by the school of Electronics & communication sciences of BSA crescent Inst. Of Technology, Chennai on 20<sup>th</sup> -22<sup>nd</sup> March 2018

### **RESEARCH PROJECTS APPLIED**

1. Dr. **K. LENIN** submitted a proposal titled “Monetary benefits in distribution system by RPO” to SERB-DST of worth Rs. 6,52,592/-

2. Dr. **K. LENIN** submitted a proposal titled “**Augmentation of voltage stability and real power loss minimization in electrical power system**” to SERB-DST of worth Rs. 5,00,000/-

### **PROGRAMMES ORGANIZED:**

1. Arranged a guest lecture to III B.Tech students and faculty members on “**Recent Advances in Power systems**” by Dr.Naeem Hannoun, Assoc. Professor, university of Technology, Mara, Malaysia and Dr. Panigrahi, Professor, IIT Delhi on 27<sup>th</sup> January 2018.
2. Arranged one day workshop on “ **Simulation and Design of Electrical Circuits Using MY RIO and Analog Discovery 2**” by Mr. Rajkumar Rajasekaran, Application Engineer, National Instruments, Bangalore on 2<sup>nd</sup> February 2018.
3. Arranged an interactive session to III B.Tech students on “**Career guidance and Placements**” by Alumni (2013-17 Batch) Mr. Rahul Nair working as Software Analyst at Capgemini, Mumbai on 5<sup>th</sup> March 2018



4. Arranged an interactive session to III and II B.Tech students on “**Academics, Carrier Planning & Motivation Towards Placements**” by Mr. G.Ramesh Babu, T&P Officer, PVPSIT and placed IV B.Tech students for sharing their experiences in placement activities on 11<sup>th</sup> April 2018.





5. Arranged an interactive session to IV B.Tech students on “[Placements & Higher Education](#)” by Alumni (2012-16 Batch) Mr. M.Venkata Naga Lohith (12501A0272), Assistant System Engineer, TCS Hyderabad on 30<sup>th</sup> June 2018



#### **PROGRAMMES ATTENDED BY STAFF (SEMINARS / GUEST LECTURES / WORKSHOPS):**

1. Mr. **M.HEMANTH SAI** participated in the [NPTEL workshop](#) at IC & SR Auditorium at IIT Madras on 25<sup>th</sup> January 2018
2. Mr. **N.VIJAYA ANAND** and Mrs. **D.RAGALEELA** has participated in the workshop on “[Happy Living in Smart Cities](#)” held on 30<sup>th</sup> & 31<sup>st</sup> March 2018 organized by FED dept.
3. Mrs. **D.RAGALEELA**, Mrs. **B.LALITHA**, Mrs. **G.MADHAVI**, Mrs. **K.BHAVANA**, Mrs. **M.DEVIKA RANI**, Mrs. **V.HARIKA**, Mr. **T.SRINIVASA RAO**, Mr. **T.NARSIMHA PRASAD** and Mrs. **K.LALITHA** has participated in Faculty

development Program on “ **Electrical & Energy Systems**” and Mrs. J.Hema latha & Mr. Y.Vishnu murthulu on “ Industrial Automation” conducted by APSSDC-Siemens Project from 23<sup>rd</sup> -27<sup>th</sup> April 2018 at APSSDC-SIEMENS Center of Excellence, VRSEC

4. Mr. **P.SESHU KUMAR** & Mr. **B.BALAJI** attended a three day FDP on “ **Student Evaluation and Question Paper setting**” during 16<sup>th</sup>- 18<sup>th</sup> April 2018 at VRSEC, Vijayawada conducted by IQAC in association with NITTTR Chennai
5. Mr. **K.K.C.DEEKSHIT** attended faculty development programme on “**Research perceptions on Solar PV systems: Design, Simulation and Applications**” at Sasi Institute of Technology & Engineering from 30<sup>th</sup> April – 4<sup>th</sup> May 2018
6. Mrs. **V.S.G. LAKSHMI** attended one week FDP on “Electrical Engineering Software tools Expo” during 30<sup>th</sup> April - 5<sup>th</sup> May 2018 organized by VRSEC, Kanuru.
7. Mr. **M.SESHU** attended 3 day online FDP on “**Power system Analysis& Design using DigisiLent power factory software**” on 1<sup>st</sup>, 11<sup>th</sup> & 18<sup>th</sup> May 2018 conducted by Dell soft.
8. Dr. **M.V.RAMESH** attended STC on “**Modeling and Real time simulation of Electrical Systems**” during 21<sup>st</sup> -25<sup>th</sup> May 2018 conducted by EEE Dept., of NITTTR, Chandigarh.
9. Mr. **B. BADDU NAIK**, Mr. **M. HEMANTH SAI** and Mr. **P. SESHU KUMAR** attended a FDP on “**Real Time monitoring, protection and control of power systems**” conducted by MHRD – TEQIOP-III NIT, Calicut under twinning with Govt. Engg., College, Bharatpur, Rajasthan during 21<sup>st</sup> – 26<sup>th</sup> May 2018
10. Mr. **M.SESHU**, Mr. **B.MOHAN** and Mr. **T.SRINIVASA RAO** attended FDP on “**Electric Vehicle**” during 28<sup>th</sup> May-1<sup>st</sup> June 2018 at NIT, Warangal.
11. Mr. **M.RAVI KUMAR**, Mrs.**V.S.G. LAKSHMI**, Mrs. **K.BHAVANA**, Mrs. **B.LALITHA** & Mr. **B.BALA SAI BABU** attended STC on “**Modelling and simulation of Renewable energy systems**” during 28<sup>th</sup> May-1<sup>st</sup> June 2018 at MNIT, Allahabad
12. Dr. **MV RAMESH**, Mr. **C. KUMAR**, Mrs. **J. HEMALATHA**, Mrs. **D. RAGALEELA**, Mr. **Y. VISHNUMURTHULU**, Mrs. **G. MADHAVI**, Mrs. **V. HARIKA**, Mr. **B. MOHAN**, Mr. **B. BADDU NAIK**, Mr. **M. SESHU**, Mrs. **M. DEVIKA RANI**, Mr. **B. BALAJI**, Mr. **T. SRINIVASA RAO**, Mr. **P. SESHU KUMAR** and Mr. **T. NARASIMHA PRASAD** attended one week Short Term Course



- on “Emerging Research Areas in Engineering & Technology through ICT” at PVPSIT in association with NITTR, Chandigarh, MHRD, GOI during 4<sup>th</sup> – 8<sup>th</sup> June 2018
13. Dr. **M.VENU GOPALA RAO** & Mrs. **K.BHAVANA** attended **NI Engg.Education & Research seminar** at Fortune Murali Park, Vijayawada on 29<sup>th</sup> June 2018.
  14. Dr. **M.VENU GOPALA RAO** attended “**Brainstorming session on capability building in new Technologies**” organized by INVECAS & VEDA IIT at Amaravathi, Andhra Pradesh on 9<sup>th</sup> June 2018
  15. Mrs. **B.LALITHA** attended two week training from 11<sup>th</sup> June -23<sup>rd</sup> June 2018 on **LABVIEW core-1 and core-2** conducted by ECE Department, PVPSIT, Vijayawada.
  16. Mrs. **R.SWATHI** attended two day training programme on “**Bhuvan overview training**” at NRSC (National Remote Sensing), Hyderabad on 13<sup>th</sup> & 14<sup>th</sup> June 2018.
  17. Mr. **M.HEMANTH SAI** attended STC on “**Mathematical optimization methods for power systems**” during 18<sup>th</sup> - 22<sup>nd</sup> June 2018 at IISc, Bangalore.
  18. Mrs. **K.LALITHA** & Mrs. **M.DEVIKA RANI** attended FDP on “**Power Quality Analysis and improvement techniques**” during 18<sup>th</sup> - 23<sup>rd</sup> June 2018 at NIT Warangal

### **FACULTY ACHIEVEMENTS**

1. 200KW grid tide Solar Power Plant is inaugurated by Sri. P.Lakshmana Rao, Secretary, Sri. N.Venkateswarulu, President of SAGTE and Sri. B.Sriramulu convenor, Dr. K.Sivaju babu Principal of PVPSIT on 30<sup>th</sup> January 2018. This project was executed by M/s Ilios Power PVT. Ltd., Hyderabad
2. One of the scholar (Jarupula Somlal) of Dr. **M. VENU GOPALA RAO** has been awarded doctoral degree from Acharya Nagarjuna University.
3. One of the scholar (B. Jyothi) of Dr. **M. VENUGOPALA RAO** submitted the Ph.D thesis at Nagarjuna University on 28<sup>th</sup> April 2018.
4. Mr. **P.KARUNAKAR**, Assistant Professor has qualified GATE-2018 in ECE discipline
5. Dr. **M.V.RAMESH** completed the NPTEL course on **MPMC** with a score of 60% (Elite) conducted by IIT, Kharagpur from January - April 2018.

### **FACULTY INTERACTION WITH OUTSIDE WORLD:**

1. Dr. **M.VENU GOPALA RAO** attended as expert for Doctoral Research Committee meeting on 27<sup>th</sup> January 2018 at EEE dept., Vignan University, Vadlamudi, Guntur.

2. Dr. **M. VENU GOPALA RAO** attended as Chief Guest for Technical events as a part of Years of Excellence Jubilation 2K18 at Narasaraopeta Engineering College on 16<sup>th</sup> February 2018.

### **STUDENT PARTICIPATION:**

1. Mr. **R.D.S.RAJU** (14501A0287), Mr. **D.PRAVEEN** (16501A0222) and Mr. **K.ANIL** (17501A0208) participated in **S11 Volleyball tournament** at PBS Arts and science college on 3<sup>rd</sup> January 2018
2. Mr. **SK.ABDUL KAREEM** (17505A0239) participated in **table tennis** and Mr. **V.BASAVIAIAH** (14501A02B6) participated in **Kabaddi** at Vignan mahotsav-2018 on 5<sup>th</sup> -6<sup>th</sup> January 2018.
3. Mr. **V.KALYAN CHAKRAVARTHY** (14505A0223), Mr. **P.DURGA RAVI KIRAN** (14501A0279), Mr. **DNV MAHESH** (17505A0209) and Mr. **P.NAVEEN KUMAR** (15505A0216) are participated in **cricket tournament Vitopia-2018** at Amaravathi, Guntur District on 3<sup>rd</sup> Febraury 2018.
4. Mr. **R.DINESH** (15501A0285), Ms. **S.JEEVANAJYOTHI** (15501A0293), Mr. **CH.V.RAJESH KUMAR** (16501A0221) and Mr. A.Vyas (16501A0206) attended **NCC 'B' certificate Exam** at Andhra Loyola College on 17<sup>th</sup> &18<sup>th</sup> February 2018.
5. Mr. **D.N.V.MAHESH** (17505A0209) participated in **JNTU C Zone cricket tournament** at MIC College on 16<sup>th</sup>, 17<sup>th</sup> & 18<sup>th</sup> February 2018.
6. Mr. **K. VAMSI** (16501A0239) participated in **foot ball event in KLEF sports Fest** on 21<sup>st</sup> & 22<sup>nd</sup> February 2018.
7. Ms. **N. SRIVIDYA** (15501A0265), Ms. **S. ANU PERICE** (15501A02A3) & Ms. **S. JAYA SREE** (15501A0294) participated in **paper presentation as a part of SUNRISE – 2K18** at NRI Institute of Technology on 24<sup>th</sup> February 2018
8. 16 students of II B.Tech and 4 students of III B.Tech. participated an orientation program on “**STARTUPS**” by Sri. O.A.R. Kishore, Asst. Professor, MBA Dept., & Mr. T.D. Ravi Kiran, Asst. Professor, IT dept., organized by EDP Cell at PVPSIT on 27<sup>th</sup> February 2018.
9. Mr. **B.SRINU** (14501A0211) participated in **JNTU IC Athletic meet 2018** at Aditya Engg.College , surampalli from 1<sup>st</sup> March 2018 to 4<sup>th</sup> March 2018.

10. Mr. **JVSM KUMAR** (15501A0241) participated in **Technical Quiz as part of SIRIDES** conducted by Pragathi Engg. College ,Surampalem, E.G(D.T) on 7<sup>th</sup> March 2018.
11. Ms. **P.SRILAKSHMI** (15501A0280), Ms. **P.NAGA KUSUMA** (15501A0276) of III B.Tech and Mr. Sk.Abdul Kareem (17505A0239) of II B.Tech participated in **Idea Generation contest** conducted by EDP cell at PVPSIT on 6<sup>th</sup> March 2018
12. Ms. **P.NAGA KUSUMA**(15501A0276), Ms. **P.BINDU SUSMITHA**(15501A02A6) of III B.Tech participated in a workshop on “ **Woman Enterpreneursip and Board room diversity**” at Illapuram Hotel, Vijayawada on 9<sup>th</sup> March 2018.
13. Mr. **K.SIVA KUMAR** (16505A0212) participated in **Chess event at JNTUK IC central zone tournaments-2018** at Nalanda Engg.college, sattenapalli on 9<sup>th</sup> &10<sup>th</sup> March 2018.
14. Mr. **P.NAVEEN KUMAR** and Mr. **K.ANIL KUMAR** (17501A0208) participated in **Ball Badminton event at at JNTUK IC central zone tournaments-2018** at Nalanda Engg.college, sattenapalli on 9<sup>th</sup> &10<sup>th</sup> March 2018.
15. Mr. **P.CHAITANYA KUMAR** (16501A0267), Mr. **CH.MANO HAR** (17505A0208) participated in **poster presentation** on the occasion of Nimra Perceptions 2018 on 17<sup>th</sup> & 18<sup>th</sup> March 2018 conducted by Nimra group of colleges, Ibrahimpatnam, Vijayawada.
16. Ch. Nikhil Chakravarthy (14501A0221), G.Raja Sekar (14501A0236), B.K.S.A.Ramlal (14501A0220), B.Sreenu (14501A0211) , B.Siva durga Prasad (14501A0212), “**Design and development of Solar Charge Controller with Sun Tracking**”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887, Volume 6, Issue VIII, March 2018
17. A.Divya swarna sri (14501A0203), K.Tejaswini Devi (14501A0255), K.Dhana Raju (14501A0251), B.Tanya (14501A0217), “ **Depiction and Compensation of Ferranti Effect in Transmission Line**”, Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887, Volume 6, Issue VIII, March 2018
18. The following students participated in **SRM Sports Fest -2018** at Amaravathi, Guntur on 16<sup>th</sup> &17<sup>th</sup> March 2018.
  - i) Mr. Sk.Abdul kareem(17505A0239)  
Ms. A.Sindhura (17501A0211) - Table Tennis  
Ms. V.pujitha (17501A0237)

- ii) Mr. K.Vamsi Krishna (16501A0239)  
Mr. RDS Raju (14501A0287) - Football
- iii) Mr. D.Praveen (16501A0222) - Volley ball  
Mr. K.Anil (16501A0208)

19. The following students are registered for student Internship program conducted by SIEMENS in collaboration with APSSDC during 2<sup>nd</sup> May-23<sup>rd</sup> June at VRSEC  
[ElectricalEnergystudies](#)-14501A02C0, 263, 271, 15501A0201, 256, 298, 2B1,  
16505A0215, 225

[Industrial Automation](#)-14501A02B7, 283

- 20. Mrs. **S.JEEVAN JYOTHI**(15501A0293) and Mr. **CH.RAHESH KUMAR** (16501A0221) attended [CATC-III \(TSC selection camp\)](#) at CBR sports Academy, Kethanakonda from 7<sup>th</sup> -16<sup>th</sup> June 2018.
- 21. Mr. **CH.V.RAJESH KUMAR** (16501A0221) shortlisted for [TSC TRG\(TSC-2018\)](#) under Kakinada group .He attended the training held at CBR sports Academy, Kethanakonda from 18<sup>th</sup> -27<sup>th</sup> June 2018.
- 22. Mr. **CH.V.RAJESH KUMAR** (16501A0221) attended [CAT-V \(TSC Training-II\)](#) held at CBR sports Academy, Kethanakonda from 29<sup>th</sup> June -8<sup>th</sup> July 2018
- 23. 11 students of IV B.Tech attended two week training from 11<sup>th</sup> - 23<sup>rd</sup> June 2018 on [LABVIEW](#) core-1 and core-2 conducted by ECE Department, PVPSIT.
- 24. 247 of III and IV B.Tech students got registered in [myTI and DrishTI](#) online test contest conducted on behalf of Texas instruments, India from 26<sup>th</sup> to 30<sup>th</sup> June 2018. Coordinators: Mrs. J. Hemalatha, Mrs. V.Harika, Mrs. D.Ragaleela and Mrs. G. Madhavi

### **STUDENT ACHIEVEMENTS:**

- 1. Mr. **N.TARUN** (16501A0260) is among the best in coming up with venture ideas in the [i2E Smart ID EA Pitch and win contest](#) conducted by APSSDC
- 2. Mr. **U.MAHESH KUMAR** (16505A0228) of III B.Tech secured **1<sup>st</sup> prize** in [paper presentation and Snapshot events](#) as part of AFOSEC Annual Festival of V R Siddhartha Engg. College on 15<sup>th</sup> February 2018.
- 3. Mr. **U.MAHESH KUMAR** (16505A0228) of III B.Tech presented a paper and won **1<sup>st</sup> prize** at [GECFEST](#) of Gudlavalleru Engg. College on 16<sup>th</sup> Febraury 2018.

4. Ms. **D.SRIJI** (15501A0228) presented a paper and won **1<sup>st</sup> prize** at **Phase 18** as part of GEC FEST'18 on 18<sup>th</sup> Febraury 2018.
5. Mr. **Y. TEJA NAGA SAI KIRAN** (16501A0296) & Mr. **T. VENKATARAMAIAH** (17505A0244) secured **2<sup>nd</sup> prize** in project expo conducted as a part of **ENCURSO-2K18** at University college of Engg.Kakinada on 24<sup>th</sup> & 25<sup>th</sup> February 2018.
6. Mr. **CH. MANOHAR** (17505A0208) & Mr. **P CHAITANYA KUMAR** (16501A0267) secured **2<sup>nd</sup> prize** in **paper presentation** as a part of **ASIST AAHWAN 2K18** of Amrutasai Institute of Technology on 27<sup>th</sup> February 2018
7. Ms. **N. SRIVIDYA** (15501A0265) & Ms. **S. ANU PERICE** (15501A02A3) secured **2<sup>nd</sup> prize** in paper presentation as a part of **ELECTRONICAL FEST 2K18** at C R Reddy College of Engg., Eluru on 23<sup>rd</sup> February 2018.
8. Mr. **SK.ABDUL KAREEM** (17505A0239), Mr. **P.GUNA SEKHAR** (17505A0223) and Mr. **T.SAI KUMAR** (16501A0284) won **1<sup>st</sup> prize** in **Project Expo** as part of **SIRIDES** conducted by Pragathi Engg. College, Surampalem, E.G(D.T) on 7<sup>th</sup> March 2018.
9. As a part of Techno fest **SITAR-2K18**, the following students won prizes in the various events on 9<sup>th</sup> February 2018.

S.NO	Name	Prize won	Technical event
1	S.Anu perice	I Prize	Technical paper presentation
2	K.Anusha K.Saujanya	II Prize	Poster presentation

10. The following students got selected in GATE examinations

S.No	Roll No	Name	Reg. No	Score	Rank
1	14501A0224	DAMERLA LIKHITHA	EE18S66010208	345	17076
2	15505A0211	KONDETI RAVI TEJA	EE18S66011115	661	1670

**Placements:**

S.NO.	ROLL.NO.	STUDENT NAME	COMPANY
1	14501A0253	KOTA J V N S L S MOULIKA	Veda IIT
2	14501A0269	NADENDLA VENKATANAVEEN	Veda IIT
3	14501A0202	ADDALA BHANU PRAKASH	Vee Technologies
4	14501A0227	DOSAKAYALAPATI MANISHA	Vee Technologies
5	14501A0232	G. VENKATA DURGA BHAVANI	Vee Technologies



6	14501A0238	JETTING GREESHMA	Vee Technologies
7	14501A0259	MAADU LAKSHMI DURGA	Vee Technologies
8	14501A0261	MANDA NOEL	Vee Technologies
9	14501A0268	MUVVA GREESHMA	Vee Technologies
10	14501A0272	PADMA PRIYA DAGANI	Vee Technologies
11	14501A0277	PEDDI PRUDHVI CHOWDARY	Vee Technologies
12	14501A0297	SIRIBOYINA VENKATA SAI NAVEEN	Vee Technologies
13	14501A02A1	SYED ALI HUSSAIN	Vee Technologies
14	14501A02A4	TAMMA SRIRAMI REDDY	Vee Technologies
15	14501A02B9	YARABARLA TEJASWI	Vee Technologies
16	15505A0216	PADAVALA NAVEEN KUMAR	Vee Technologies
17	14501A0290	SARIPALLI HARIKA MANI	FACE Acadamy
18	15505A0225	YEDDU ANUDEEP	FACE Acadamy
19	14501A0292	SHAIK AYESHA SIDDIKA	KJ Systems India Pvt. Ltd.
20	14501A0202	ADDALA BHANU PRAKASH	Vertex-Altruist Group
21	14501A0205	ANKISETTY SIRISHA	Vertex-Altruist Group
22	14501A0209	AYYALASOMAYAJULA APARNA	Vertex-Altruist Group
23	14501A0210	BAIRU SAHITHYA	Vertex-Altruist Group
24	14501A0214	B. LOKESH VENKATA RATNA KUMAR	Vertex-Altruist Group
25	14501A0217	BODDU TANYA	Vertex-Altruist Group
26	14501A0225	DASARI SINDHU	Vertex-Altruist Group
27	14501A0232	G. NAGA VENKATA DURGA BHAVANI	Vertex-Altruist Group
28	14501A0233	GOSALA NEELIMA	Vertex-Altruist Group
29	14501A0234	GUDAVALLI VEDASRI	Vertex-Altruist Group
30	14501A0237	J. NAGA VEERA VENKATA SAI RAM	Vertex-Altruist Group
31	14501A0241	KALEPU DURGA SAI MANOJ	Vertex-Altruist Group
32	14501A0244	KARRI SANDHYA	Vertex-Altruist Group
33	14501A0246	KATTUPALLI PRATHYUSHA	Vertex-Altruist Group
34	14501A0247	KILARU SUDHEER KUMAR	Vertex-Altruist Group
35	14501A0248	KODALI MANISHA	Vertex-Altruist Group
36	14501A0250	KONA SRI DURGA	Vertex-Altruist Group
37	14501A0263	MANDAVA RAMYA SREE	Vertex-Altruist Group
38	14501A0271	NIMMAGADDA HIMA SREE	Vertex-Altruist Group
39	14501A0277	PEDDI PRUDHVI CHOWDARY	Vertex-Altruist Group
40	14501A0279	PINNINTI DURGA RAVIKIRAN	Vertex-Altruist Group

41	14501A0281	PONUGUMATI SAI TEJA	Vertex-Altruist Group
42	14501A0282	PONUGUMATI SONI	Vertex-Altruist Group
43	14501A0284	POTHURAJU SUSANNA	Vertex-Altruist Group
44	14501A0287	RONGALI DHANA SANNI RAJU	Vertex-Altruist Group
45	14501A0294	SHAIK MUZEEB UR RAHAMAN	Vertex-Altruist Group
46	14501A02A1	SYED ALI HUSSAIN	Vertex-Altruist Group
47	14501A02A2	TADIBOYINA MONICA NAGA PRIYA	Vertex-Altruist Group
48	14501A02A3	TADIPARTI VATSALYA	Vertex-Altruist Group
49	14501A02A5	THALLURI VINEETHA	Vertex-Altruist Group
50	14501A02B1	VAKA NAVEEN KUMAR	Vertex-Altruist Group
51	14501A02B4	VEESAM KALYAN VENKATA NAGA SAI	Vertex-Altruist Group
52	14501A02B7	VENIGALLA RANI PADMAJA	Vertex-Altruist Group
53	14501A02C0	Y. SIVA GANGADHARA RAO	Vertex-Altruist Group
54	15505A0207	KAGITHA SATHISH KUMAR	Vertex-Altruist Group
55	15505A0214	MUKKALA YESHMA	Vertex-Altruist Group
56	15505A0217	PEDAPUDI PAVITHRA	Vertex-Altruist Group
57	15505A0218	PULAPA VENU BHAVANI	Vertex-Altruist Group
58	15505A0219	SALI KIRAN KUMAR	Vertex-Altruist Group
59	14501A0285	PUCHAKAYALA INDU PRIYA	Data Foundry
60	14501A0298	SIRIPURAPU SAI MADHURI	Data Foundry
61	14501A0239	KVNSS VINEETH	Third Ware
62	14501A0209	AYYALASOMAYAJULA APARNA	Mind Tree

### **INDUSTRIAL VISIT:**

S.No	Year/batch	Name of the industry visited	Place	Date of Visit
1.	III B.Tech	ISRO Deepanjan Power Cables Libra Industrial Motors	Bangalore Mysore Coimbatore	14 <sup>th</sup> - 20 <sup>th</sup> February 2018
2.	III B.Tech	KCP Sugars	Vuyyuru	15 <sup>th</sup> February 2018
3.	II B.Tech (16 batch)	Dr. NTPS	Ibrahimpattanam	20 <sup>th</sup> & 23 <sup>rd</sup> February 2018