

# NEWS@eeHIT



MAY - 2017

VOLUME - 08

**ELECTRICAL & ELECTRONICS STAFF & STUDENTS ASSOCIATION**  
DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING  
**HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI**

*World is Nothing Without Us...*



## FROM PRINCIPAL'S DESK



It gives me an immense pleasure to know that the Electrical and Electronics department is releasing NEWS@eeHIT vol.8.

I appreciate the collective efforts of editorial team, all staff and students in bringing out this news letter. The publication of such news letter is to show case the activities conducted in the department as well as achievement of staff and students in the curricular and co-curricular events.

I congratulate editorial team, HOD, Staff and students of EESSA family for putting their endless efforts in bringing out this news letter in fantastic way. I wish the same efforts in bringing news letter in forth coming years too.

- **Dr. S. C. Kamate, Principal,**

## FROM HOD'S DESK



Under the blessing of the divine spirits of the Shriman niranjana Jagadguru pancham shri Shivalingeshwara mahaswamiji, Siddhasaunsthan Math, President, SJPN Trust, Nidasoshi.

I am extremely happy to witness the release of newsletter. This newsletter focuses on the active participation of students in circular and extra co-curricular activities conducted both in college & intercollegiate. I am sure, sincere efforts put in the release of this newsletter is a kind of source of inspiration to all forthcoming students, to exhibit their inner talents in an excellent way.

- **Prof. B. R. Umarane, HOD (EEE)**

## EDITORIAL BOARD



## FROM CHIEF EDITOR'S DESK

My heart is filled with joy to present before you, the department News letter 2016-17. The newsletter gives information of department activities and achievements by EESSA family.

I thank and congratulate the students and staff members for their participation and success in various events and competitions; which became the rich content for the Newsletter. I wish all the best to all my students. – **Prof. K. B. Negalur,**

## FACULTY MEMBERS OF OUR DEPT.

Sl. No	Name	Designation	Qualification	Specialization	Professional Membership	Teaching Experience (in years)
1	Prof. B. R. Umarane	Assoc. Professor (HOD)	M.E.	DT&I	LMISTE, MIE	20
2	Prof. S D Hirekodi	Assoc. Professor	M.Tech	Power Electronics	LMISTE	17
3	Prof. S B Patil	Asst. Professor	M.Tech	Power and Energy System	LMISTE	31
4	Prof. H R Zinage	Asst. Professor	M.Tech	Power System	LMISTE	17
5	Prof. M P Yanagimath	Asst. Professor	M.Tech	VLSI & ES	LMISTE, MIEEE, (Ph.D)	12
6	Prof. O B Heddurshetti	Asst. Professor	M.Tech	Power Electronics	LMISTE	11
7	Prof. A U Neshti	Asst. Professor	M.Tech	Digital Electronics	LMISTE	09
8	Prof. P M Murari	Asst. Professor	M.Tech	Power System & Power Electronics	LMISTE	06
9	Prof. K B Negalur	Asst. Professor	M.Tech	Industrial Electronics	LMISTE	04
10	Prof. S S Birade	Asst. Professor	M.Tech	VLSI & ES	LMISTE	05
11	Prof. M A Mulla	Asst. Professor	M.Tech	Power System & Power Electronics	LMISTE	06
12	Prof. S G Huddar	Asst. Professor	M.Tech	Power System	LMISTE	04
13	Prof. R H Nayak	Asst. Professor	M.Tech	Computer Applications in Industrial Drives	LMISTE	01

## TECHNICAL SUPPORTING STAFF

Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. V. N. Kamate	Instructor	D.E.E	20 Yrs
2	Shri. R. S. Bardol	Instructor	D.E.E	20 Yrs.
3	Shri. S. B. Beelur	Instructor	D.E.E	24 Yrs.
4	Mrs. R. B. Desai	Instructor	D.E.C	1Year

## SUPPORTING STAFF

Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. A. S. Kankanwadi	Peon	SSLC	22 Yrs
2	Shri. I. B. Madyalil	Peon	SSLC	20 Yrs.

## BRANCH TOPPERS

### 1<sup>st</sup> Semester



Miss. Kaveri G. More  
First Rank (SGPA: 9.17)



Miss. Priyanka P. Hundekar  
Second Rank (SGPA: 8.58)



Miss. Jyoti Patil  
Third Rank (SGPA: 8.42)

### 2<sup>nd</sup> Semester



Mr. Bipin A Lakshapati  
First Rank (SGPA: 8.08)



Mr. Vikas K Chougule  
Second Rank (SGPA: 8.00)



Miss. Megha S. Hatrote  
Third Rank (SGPA: 7.92)

### 3<sup>rd</sup> Semester



Miss. Savitri Hullannavar &  
Mr. Vikas K. Chougule  
First Rank (SGPA: 7.57)



Miss. Ashwini N. Kalal &  
Miss. Shivaleela S. Benawadi  
Second Rank (SGPA: 7.14)



Mr. Vishwanathgouda V. K.  
Third Rank (SGPA: 6.86)

### 4<sup>th</sup> Semester



Miss. Ashwini Badakundri  
First Rank (68.33%)



Miss. Manisha Dhabade  
Second Rank (65.55%)



Mr. Vinod Kurade  
Miss. Madhuri Gangadhar  
Third Rank (63.77%)



## BRANCH TOPPERS

### 5<sup>th</sup> Semester



Miss. Ashwini Bandakundri  
First Rank (83.2%)



Miss. Manisha Dhabade  
Second Rank (72.6%)



Miss. Madhuri R. Gangadhar  
Third Rank (70.9%)

### 6<sup>th</sup> Semester



Miss. Nanda G Hucharaddi  
First Rank (79.22%)



Mrs. Vidyashri Borgalli  
Second Rank (76.55%)



Mr. Sagar B Pavale  
Third Rank (76.22%)

### 7<sup>th</sup> Semester



Mrs. Vidyashri Borgalli  
First Rank (80.9%)



Miss. Nada Hucharaddi  
Second Rank (77.3%)



Miss. Sneha Gandh  
Third Rank (75.9%)

### 8<sup>th</sup> Semester



Miss. Kusuma Shetti &  
Mr. Kashinath Swammy  
First Rank (78.8%)



Miss. Ranjana Madar  
Second Rank (78.13%)



Miss. Meenaxi Heggai  
Third Rank (77.60%)

## DEPT. FORUM ACTIVITES

A warm welcome function for the budding Engineers of 3<sup>rd</sup> SEM was organized by EESSA on 13<sup>th</sup> August 2016. The president of the function Dr. S R Mahajan (Principal), Prof. B R Umarane (HOD, E&E Dept), Prof. S B Patil, (EESSA Co-ordinator) & Miss. Nanda (Student Co-ordinator) were present on the dias. Shri Subhodh Kulkarni, Executive Engineer Relay Testing Division, KPTCL Belagavi was the chief guest for this function. He advised 3<sup>rd</sup> SEM students to be ready to face the subject challenges & work honestly to serve the nation. Further, he spoke to cultivate the healthy working environment & keep respecting the parents, teachers & the society who have given a shape to build their fantastic career. Prof. B R Umarane, (HOD, EEE department) guided the students to study well for betterment of their future. Dr. S R Mahajan (Principal) gave the presidential remark during the function.



## INDUSTRY INSTITUTIONAL INTERACTION

In order to enhance student's practical knowledge and exposure to industries, EESSA organized an industrial visit for all the semester students as follows.

1. A group of 58 students of VII SEM visited to paper Mill Dandeli on 22-09-2016. The staff members Prof. H R Zinage & Prof. K B Negalur & Miss. R. S. Desai accompanied the students.
2. A group of 62 students of VI SEM visited to 400/220KV power grid Narendra station, Dharwad on 27-02-2017. The staff members Prof. O B Heddurshetti & Prof. S G Huddar accompanied the students.
3. A group of 67 students of IV SEM visited to Co-Gen Power Plant at Chikodi on 03/03/2017. The staff members Prof. S S Birade and Miss. R S Desai accompanied the students.
4. A group of 64 students of VI SEM visited to Patco Transformer Industries, Nippani on 18/03/2017. The staff members Prof. S B Patil & Prof. A U Neshti accompanied the students.
5. A group of 58 students of VIII SEM visited to Bhoruka wind Power Plants, Raibag on 31/03/2017. The staff members Prof. S B Patil Prof. K B Negalur accompanied the students.
6. A group of 58 students of VIII SEM visited to Solar Power Plant Itanal Chikodi on 31/03/2017. The staff members Prof. S B Patil & Prof. K B Negalur accompanied the students.

## HIT SAMBHRAMA 2017 NATIONAL LEVEL

HIT SHABRAMA 2017 a National Level Technical competition was organized on 21<sup>st</sup> April 2017 in association with IEEE student branch. Events like Paper presentation, Trouble shooting & Flip La event were conducted.

Thirteen best papers were presented from various colleges in paper presentation competition and the event was judged by Prof. S S Kumbar (Sanjay Ghodawat group of institution kolapur), & Prof. P I Kanthi (Assistant Professor, SGMCE, Mahagaon, Gadhinglaj).

### **In this event:-**

1. Miss Chaitra K & Mr. Ganesh (K L E Belagavi) presented a paper entitled "Harvesting of Electrical Energy from Magnetic field"& won 1<sup>st</sup> prize.
2. Mr. Raju K & Mr. Sumanthkumar (K L E I T Hubli) presented a paper entitled "Process Control using Logic Gates" & won 2<sup>nd</sup> prize.
3. Mr. Malagouda Patil & Miss. Deepa Gurav (H I T Nidasoshi) presented a paper entitled "Design & Implementation of Street Lighting Scheme" & won 2<sup>nd</sup> prize.

## TROUBLE SHOOTING

A technical event Trouble Shooting was organized on 21<sup>st</sup> April, 2017 for the students of various colleges to identify the created faults in Electrical circuits. Seven groups participated in this event and the event coordinators were Prof. M A Mulla & Prof. S D Hirekodi. Mr. Bipin Lakshapati & Mr Yuvaraj Jadhav (HIT Nidasoshi) secured 1<sup>st</sup> prize & Mr. Pradeep Basannaavar & Mr. Santosh Chajgound (HIT Nidasoshi) secured 2<sup>nd</sup> prize.

## FLIP-LA

A technical event called FLIP LA was organized on 21<sup>st</sup> April 2017 for the students of various colleges to prove technical digital expression using nontechnical resource with the help of working models. The event was judged by Prof S S Kumbar (Sanjay Ghodawat group of institution kolapur) & Prof. Prasanna I Kanthi(Assistant Professor, SGMCE, Mahagaon, Gadhinglaj). Miss. Sneha Gandh & Miss. Asha Tamburi (HIT Nidasoshi) Bagged First prize and 1) Mr. Amit. G & Mr. Madiwalappa 2) Mr. Shankar Mirji & Miss Nanda Hucharaddi bagged second prize. The event coordinators were Prof. M P Yanagimath & Prof. A U Neshti.

## STUDENTS ACHIEVEMENTS





- 1) Project entitled "Water for Total Health" won consolation prize in project exhibition "Agastya International Foundation "Anveshana 2017" presented by Miss. Vijaylaxmi P K(VI SEM), Miss. Vijaylaxmi K(VI SEM) & Miss. Pooja Totagi( VI SEM).
- 2) Mr. Pradeep Basannavar(VIII Sem) & Mr. Malagouda Patil (VII SEM) bagged First prize in "Hardware Debugging" held at SGBIT Belagavi on 17<sup>th</sup> & 18<sup>th</sup> Feb 2017.
- 3) Miss. Vanita M Kemalpure (VIII SEM) & Mrs. Vidhyashree Boragalli(VIII SEM) of HIT, Nidasoshi bagged Second prize in Paper Presentation competition held at SGBIT Belagavi on 17<sup>th</sup> & 18<sup>th</sup> Feb 2017.
- 4) Mr. Shankar M (VIII SEM) & Mr. Ameet Ghosarawade(VIII SEM) of HIT, Nidasoshi bagged Second prize in "Best out Of Waste" event held at Siddaganga Institute of Technology, Tumkur on 30<sup>th</sup> March 2017.
- 5) Mr. Shankar M bagged First prize in Innovative Idea presentation for "Best out Of Waste" event held at V. P. Dr .P. G. Halakatti College of Engineering & Technology, Vijayapur.
- 6) Mr. Shankar & Mr. Ameet Ghosarawade of VIII SEM secured 1<sup>st</sup> prize in Innovative Idea presentation for "Best out Of Waste" event held at KLS VDRIT, Haliyal on 09<sup>th</sup> March 2017.
- 7) Mr. Pradeep Basannavar & Malagouda Patil of VIII SEM bagged 1<sup>st</sup> prize in Aavishkar "Hardware Debugging" event held at KLS VDRIT, Haliyal on 09<sup>th</sup> March 2017.
- 8) Miss. Vanita M Kemalpure & Vidhyashree Boragalli of VIII SEM bagged second prize in Paper Presentation held at KLS VDRIT, Haliyal 09<sup>th</sup> March 2017.
- 9) Miss. Asha Tamburi and Miss Sneha Gandh of VIII SEM bagged First prize in Flip La event held at HIT, Nidasoshi on 21<sup>st</sup> April 2017.
- 10) Miss. Deepa Gurav and Mr. Malagouda Patil of VIII SEM bagged 2<sup>nd</sup> prize in "Paper Presentation event held at HIT, Nidasoshi on 21<sup>st</sup> April 2017.
- 11) Mr. Pradeep Basannavar and Mr. Santoch Chajgoud of VIII SEM bagged 2<sup>nd</sup> prize in "Trouble shooting" event held at HIT, Nidasoshi on 21<sup>st</sup> April 2017.
- 12) Miss. Nanda Hucharaddi and Mr. Shankar Mirji of VIII SEM bagged second prize in Flip La event held at HIT, Nidasoshi on 21<sup>st</sup> April 2017.
- 13) Mr. Madiwallappa H and Mr. Ameet Ghosaravade of VIII SEM bagged second prize in Flip La event held at HIT, Nidasoshi on 21<sup>st</sup> April 2017.
- 14) Miss. Snehal G, Miss. Sneha H, Miss. Asha T & Miss. Ashwini K of VIII sem published a paper entitled "Implementation of high speed 16-point FFT processor for OFDM applications using HDL(Verilog)" in International Journal of Science and Engineering Development Research in VOL 2, Issue 7<sup>th</sup> July 2017.

15) Mr. Mahabal K, Mr. Prashant K, Mr. Vishal K & Miss. Rashmita M published a paper entitled “Electric lineman safety with password Based circuit breaker and intimation of HT wore sag using GSM” in International Journal of Science and Engineering Development Research in VOL 2, Issue 7<sup>th</sup> July 2017.



## PROJECT ACHIEVEMENTS

- 1) Project entitled "wind Mill for green building" carried out by Miss. Aishwarya Killedar & Miss. Shivani Janamatti of VI SEM guided by Prof. S B Patil selected in the final round for project Exhibition & competition organized by AGASTYA International Foundation Anveshana-2017.
- 2) Project entitled "water for total health" carried out by Miss. Vijayalaxmi P K & Miss. vijaylaxmi Rabakavi guided by Mr. R S Bardol got consolation prize organized by AGASTYA International Foundation Anveshana-2017.
- 3) Project entitled “Design and implementation of 16-point FFT processor for OFDM using HDL” Carried out by Miss. Sneha Gandh, Miss. Sneha Herimath, Miss. Ashwini K and Miss. Asha Tumburi of VIII sem was sponsored by KSCST. A state level exhibition was held at SGBIT belagavi for the year 2016-17 under the guidance of Prof. Sagar S Birade.

- 4) The KSCST sponsored project carried out by Miss. Sneha Gandh and group under the guidance of Prof. Sagar S Birade got selected for state level seminar to be held at NITTE on 11<sup>th</sup> & 12<sup>th</sup> Aug 2017.
- 5) Project entitled “Chokeless welding transformer with series load motor” carried out by Mr. Manoj Mirje, Mr. Shivaji B, Miss. Annapurna Sonar and Mr. Rohit Kone of VIII sem Students selected for KSCST first round for the year 2016-17 under the guidance of Prof. A U Neshti.
- 6) Project entitled “Z-source based multilevel inverter carried out by Miss. Sachidevi S, Miss. Rajashree P, Miss. Siddavva B of VIII sem guided by Prof O B Heddurshetti got sponsorship from ‘Foundation for Advancement of Education’ & Resource & presented in a seminar held at MSRIT, Bangalore on 22<sup>nd</sup> June 2017 for FAER McAfee scholar award programme for the year 2016-17.



## EESSA EVENTS

- 1) A technical Quiz for 3<sup>rd</sup> & 5<sup>th</sup> sem EEE students was conducted by Prof. H R Zinage, Prof. M A Mulla and Prof. K B Negalur. Thirty eight groups participated in the event. Mr. Pramod Sharma, Mr. Lokesh Sutar & Mr. Agustin Paul bagged the First prize.
- 2) “Student as a Teacher” event was organized for 3<sup>rd</sup> & 5<sup>th</sup> Sem students conducted on 15<sup>th</sup> September 2016 on Engineers Day, 13 students were participated. The event coordinators are Prof. S D Hirekodi and Prof. M P Yanagimath.
- 3) Quiz competition was organized for the students of EEE department by EESSA on 4<sup>th</sup> April 2017. Twenty nine teams were participated for the Quiz competition. The event coordinators were Prof. O B Heddurshetti and Prof. S S Birade. The winners of the competition are Miss. Snehal Mokashi, Mr. Srujan K and Mr. Suhas G of VIII sem.

4) EESSA organized "Cooking without Fire" event for all the EEE students, and around 28 groups participated in this event. The event Co-ordinators were Prof. Sujata Huddar and Prof. R H Nayak and the event was judged by Prof. H R Zinage and Prof. Y S Patil conducted on 08-04-17.

Miss. Sneha G, Miss. Pravina M & Miss. Swapna K shared First prize with Miss. Aishwaraya K & Miss Sampada D. Miss. Priyanka Kamate, Miss. Jyostna Chavan & Miss. Shrinidhi Patil shared second prize with Mr. Augustin Paul, Mr. Akshay Hundekar & Mr. Akshaykumar B. Miss. Anuja J, Mr. Rinal K shared Third prize with Miss. Sneha Gandh, Miss Archana Gurav & Miss Swati Chavan.



## SPORTS

- 1) EESSA organized cricket match for Students Vs Staff. The event coordinator was Prof. A U Neshti held at HIT, Nidasoshi on 27<sup>th</sup> March 2017.
- 2) EESSA organized Throw Ball match for IV SEM, VI SEM and VIII SEM girls. The event coordinators were Prof. H R Zinage and Prof. S G Huddar and VI SEM students won the prize.

## STAFF ACHIEVEMENTS

### ❖ Prof. B. R. Umarane

- 1) Attended faculty development program on “Integration of Green Energy to Smart Grid Opportunities & Challenges”, from 11<sup>th</sup> to 16<sup>th</sup> July-2016.
- 2) Presented a paper entitled, “Design and Implementation of street lighting in technical institution campus: case study”, in the International conference held at HIT-Nidasoshi on 8<sup>th</sup> Oct 2016.
- 3) Attended faculty development program on “Issues & Challenges in solar and wind power generation & utilization from 4<sup>th</sup> to 7<sup>th</sup> January-2017.
- 4) Invited as a Judge for solar project competition held at Sanjay Ghodawat Group of Institution, Maharashtra, on 25<sup>th</sup> March 2017.
- 5) Invited as a jury member to judge the state level technical paper presentation held at C.B. Kore Polytechnic, Chikkodi, held on 7<sup>th</sup> April 2017.

### ❖ Prof. S.B.Patil

- 1) Presented a paper entitled “Soft Switching Isolated Birectional Dc-Dc Converter Associated With Flyback and Passive Snubbers” in international conference on ‘Recent Innovations in Engineering (ICRIE-16)’ on 8<sup>th</sup> and 9<sup>th</sup> October 2016 held at HIT, Nidasoshi, Karnataka.
- 2) Published a paper entitled “Soft Switching Isolated Birectional Dc-Dc Converter Associated with Flyback and Passive Snubbers” in Journal of Advances in Science and Technology Vol. 12, Issue No. 25, (Special Issue) December-2016, ISSN 2230-9059.
- 3) Attended one week FDP on “Research Literacy and Trends in Scholarly Communications” held at BLDEA’s VP Dr.PGH CET Vijayapur, Karnataka from 23-01-2017 to 28-01-2017.

### ❖ Prof. S. D. Hirekodi

- 1) Presented a paper entitled “Design and implementation of street lighting in technical institution campus for optimum energy saving: case study”, in an International conference on ‘Recent Innovations in Engineering (ICRIE-16)’ on 8<sup>th</sup> and 9<sup>th</sup> October 2016 held at HIT, Nidasoshi, Karnataka.
- 2) Published a paper entitled “Design and implementation of street lighting in Technical institution

campus for optimum energy saving: case study” in Journal of Advances in Science and Technology Vol. 12, Issue No. 25, (Special Issue) December-2016, ISSN 2230-9659

- 3) Attended two days International Symposium on “Smart Grid Technologies: Recent Initiatives, Challenges and Opportunities” held at NIEIT, Mysuru from 27/01/2017 to 28/01/2017.

#### ❖ Prof. H.R.Zinage

- 1) Presented a paper entitled “Design & Implementation of Smart automobile system” in ICRIE-16 at HIT Nidasoshi on 8<sup>th</sup> & 9<sup>th</sup> October 2016.
- 2) Published a paper entitled “Design & Implementation of Smart automobile system” in ‘Journal of advances in science & Technology’ Volume-XII, Issue-XXV, ISSN : 2230-9059 on 02/12/2016.
- 3) Presented a paper entitled “Quasi Z source inverter for photovoltaic power generation system” in ICRIE-16 at HIT, Nidasoshi on 8<sup>th</sup> & 9<sup>th</sup> October 2016
- 4) Published a paper entitled “Quasi Z source inverter for photovoltaic power generation system” in “Journal of advances in science & Technology” VOL-XII, Issue-XXV, ISSN: 2230-9059 on 02/12/2016.
- 5) Attended one day work shop on “Smart Grid with IOT “on 12<sup>th</sup> may 2017 at GIT Belagavi.

#### ❖ Prof. M. P. Yanagimath

- 1) Presented a paper entitled “Power system automation using Ethernet” in International conference on Recent innovations in engineering and science on 8<sup>th</sup> and 9<sup>th</sup> Oct 2016 at Hirasugar institute of technology, Nidasoshi.
- 2) Presented a paper entitled “VLSI implementation of high speed FFT processor” in International conference on ‘Recent innovations in engineering and science’ on 8<sup>th</sup> and 9<sup>th</sup> Oct 2016 at Hirasugar institute of technology, Nidasoshi.
- 3) Published a paper entitled “Power system automation using Ethernet” in Journal of advances in science and Technology, ISSN: 2230-9659, Volume-12, issue-25(special issue), Dec 2016.
- 4) Published a paper entitled “VLSI implementation of high speed FFT processor” in Journal of advances in science and Technology, ISSN: 2230-9659, Volume-12, issue-25(special issue), Dec 2016.
- 5) Presented a paper entitled “Ethernet based online monitoring system for power transformer in a smart grid” in International conference on Smart Electronic systems[ICSES-2016] at KLECET Belagavi during May 20-22, 2016.

6) Attended International Symposium on “Smart Grid Technologies: Recent initiatives, Challenges and opportunities on 27<sup>th</sup> and 28<sup>th</sup> January 2017 at NIE institution of technology, Mysuru.

#### ❖ Prof. Onkar B Heddurshetti

- 1) Organizing Secretary for International Conference on “Recent Innovations in Engineering” in association with IEEE Bengaluru section and Journal of Advances in Science & Technology during 8<sup>th</sup> and 9<sup>th</sup> Oct 2016, held at HIT, Nidasoshi.
- 2) Attended an International Symposium on “Smart Grid Technologies: Recent Initiatives, Challenges and Opportunities (ISSGT 2017)” on 27<sup>th</sup> to 28<sup>th</sup> Jan 2017 in NIE Institute of Technology, Mysuru.
- 3) Published a paper entitled “Quasi Z- Source Inverter for photovoltaic power generation system” in Journal of Advances in Science and Technology, Volume 12, Issue 25, December 2016, *ISSN 2230-9659*.
- 4) Published a paper on “Rural electrification with wind and solar hybrid generation system using MPPT” in Journal of Advances in Science and Technology, Volume 12, Issue 25, December 2016, *ISSN 2230-9659*.
- 5) Published a paper on “Design and Implementation of smart automobile system” in Journal of Advances in Science and Technology, Volume 12, Issue 25, December 2016, *ISSN 2230-9659*.
- 6) Presented a paper on “Quasi Z- Source Inverter for photovoltaic power generation system” in an international conference on ‘Recent Innovations in Engineering’ on 8<sup>th</sup> & 9<sup>th</sup> October 2016 held at HIT, Nidasoshi.
- 7) Presented a paper on “Rural electrification with wind and solar hybrid generation system using MPPT” in an international conference on ‘Recent Innovations in Engineering’ on 8<sup>th</sup> & 9<sup>th</sup> October 2016 held at HIT, Nidasoshi.
- 8) Presented a paper on “Design and Implementation of smart automobile system” in an international conference on ‘Recent Innovations in Engineering’ on 8<sup>th</sup> & 9<sup>th</sup> October 2016 held at HIT, Nidasoshi.

#### ❖ Prof. A. U. Neshti

- 1) Published a paper entitled “Power system automation using Ethernet” in Journal of advances in science and Technology, *ISSN: 2230-9659*, Volume-12, issue-25(special issue), Dec 2016.

- 2) Presented a paper entitled “Power system automation using Ethernet” in International conference on Recent innovations in engineering and science on 8<sup>th</sup> and 9<sup>th</sup> Oct 2016 at Hirasugar institute of technology, Nidasoshi.

### ❖ Prof. Pramod M Murari

- 1) Participated at national workshop on intellectual property rights and information technology held on 27<sup>th</sup> and 28<sup>th</sup> January 2016 at GIT, Belagavi.
- 2) Attended a workshop on research methodology, (ICT based) held at AITM Belagavi. Organized by NITTTR, Chandigarh. From 9<sup>th</sup> to 13<sup>th</sup> January 2017.
- 3) Presented and published a paper entitled “Quasi Z-source Inverter for photovoltaic power generation system”, In the ICRIE-16, at HIT-Nidasoshi, on 8<sup>th</sup> October 2016.
- 4) Presented and published a paper entitled, “Grid Synchronization techniques and Analysis in distributed power generation under unbalanced conditions”, in ICRIE-16 held at HIT-Nidasoshi, on 9<sup>th</sup> October 2016.
- 5) Published a paper entitled “Electric lineman safety with password based circuit breaker and intimation of HT wire sag using GSM” in International Journal of Science and Engineering Development Research in VOL 2, Issue 7 July 2017.

### ❖ Prof. K B Negalur

- 1) Participated at national level workshop on “Intellectual property rights and information technology” held on 27<sup>th</sup> and 28<sup>th</sup> January 2016 at GIT, Belagavi.
- 2) Presented and published a paper entitled, “Grid Synchronization techniques and Analysis in distributed power generation under unbalanced conditions”, in ICRIE-16 held at HIT-Nidasoshi, on 9<sup>th</sup> October 2016.

### ❖ Prof. Sagar S Birade

- 1) Presented a paper entitled, “Design & implementation of smart automobile system”, in ICRIE-16 held at HIT-Nidasoshi, on 8<sup>th</sup> & 9<sup>th</sup> October 2016.
- 2) Published a paper entitled, “Design & implementation of smart automobile system” in “Journal of advances in science & Technology” VOL-XII, Issue-XXV, ISSN: 2230-9059 on 2/12/16.



- 3) Published a paper entitled "Implementation of high speed 16-point FFT processor for OFDM applications using HDL (Verilog)" in International Journal of science & Engineering development research VOL.2 Issue 7, July 2017.

#### ❖ Prof. M A Mulla

- 1) Presented a paper entitled, "Rural Electrification using hybrid system and MPPT", in ICRIE-16 held at HIT-Nidasoshi on 8<sup>th</sup> & 9<sup>th</sup> October 2016.
- 2) Published paper entitled "Rural Electrification using hybrid system and MPPT" in Internal Journal JAST, V-XXV, and Issue-11 Dec 2016.
- 3) Published paper entitled, "An overview of amorphous core distribution transformers" in ICIEEE-2017 on 19<sup>th</sup> March 2017 at MVT College of Engineering Bangalore.
- 4) Attended a work shop on "Research Methodology" (ICT based) held at AITM Belagavi organized by NITTR Chandigarh from 9<sup>th</sup> to 13<sup>th</sup> January 2017.

#### ❖ Prof. Sujata G Huddar

- 1) Presented & Published a paper entitled "Flexible Wheel chair" in the ICRIE-16 at HIT Nidasoshi on 8<sup>th</sup> October -2016.
- 2) Presented & published the paper entitled "Automated Solar Power Seed Sowing Machine" in ICRIE-16 at HIT Nidasoshi.
- 3) Attended a work shop on "Research Methodology" (ICT based) held at AITM Belagavi organized by NITTR Chandigarh from 9<sup>th</sup> to 13<sup>th</sup> January 2017.
- 4) Attended one day work shop on "Lean Manufacturing & Process" at SGBIT, Belagavi on 22/01/2016 presented a paper entitled "Smart Grid Technology" on 5<sup>th</sup> & 6<sup>th</sup> 2016 at SGBIT Belagavi.
- 5) Attended 5 days work shop on "Faculty orientation program" held at VTU Mysore from 11/07/2016 to 15/7/2016.

# IA Toppers

