

FROM PRINCIPAL'S DESK



Dr. N C Hiremath, Principal

I am very happy to learn that the Department of Electrical and Electronics Engineering is bringing out its sixth edition of Department News Letter. A Department News Letter serves as a compendium of activities/events that are organized / conducted throughout the preceding year. It showcases the achievements of the students, staff, and faculty of the Department. I appreciate the efforts put in by the entire team of the News Letter and wish the publication every success and pleasant reading by one and all.

EESSA BOARD

President: Dr. N C Hiremath
Chairman: Prof. S B Patil
Staff Co-ordinator: Prof. A U Neshti
Student Co-ordinator: Miss. Shilpa S

EDITORIAL BOARD

CHIEF EDITOR
Prof. M P Yanagimath

CO-EDITORS
Prof. S D Hirekodi
Prof. S S Birade
Prof. S G Huddar
Shri. R S Bardol
Smt. V R Khot

STUDENT EDITORS
Mr. Jayanand Gharage
Mr. Nikhil Patil
Mr. Swapnil Ghatage
Mr. Ravi Gumtaz

FROM HOD'S DESK



It gives me an immense pleasure to release NEWS@eeHIT. This bulletin mainly focuses the achievements of students & staff in & outside the college during academic year 2014-15. I am very proud to say that our department continues the tradition and kept the flag up by participating and winning various co-curricular and extra-curricular activities. The sincere efforts put in the release of this communiqué are a kind source to all forth coming students as an inspiration.

Prof. S. B. Patil [HOD]

FROM CHIEF EDITOR'S DESK



Prof. Mahesh Yanagimath

I am extremely happy to place before you the sixth volume of department news letter NEWS@eeHIT. Loads of activities have been done throughout the year which has been shared to you through Newsletter. Basically this news letter focuses on report of staff achievements and active participation of our department students in curricular and extracurricular activities. I feel greatly honored to have this opportunity to work as Chief Editor for this news letter. I would like to take this opportunity to thank my editorial team and teaching and non teaching staff and students for their everlasting effort in publishing this news letter in fantastic way.

FACULTY MEMBERS OF THE DEPARTMENT

Sl.No	Name	Designation	Exp	Qualification
1	Prof. S B Patil	HOD/Asst.Prof	29 Years	M.Tech(PES), LMISTE
2	Prof. S D Hirekodi	Asst.Professor	15 Years	M.Tech(PE), LMISTE
3	Prof. H R Zinage	Asst.Professor	15 Years	M.Tech(PS), LMISTE
4	Prof. M P Yanagimath	Sr Lecturer	10 Years	M.Tech(VLSI),LMISTE,MIEEEE
5	Prof. O B Heddurshetti	Sr Lecturer	9 Years	M.Tech(PE), LMISTE
6	Prof. A U Neshti	Lecturer	7 Years	(M.Tech)(DE), LMISTE
7	Prof. P M Murari	Lecturer	4 Years	M.Tech(PSPE), LMISTE
8	Prof. G Y Hebbal	Lecturer	3 Years	B.E(E&E), LMISTE
9	Prof. K B Negalur	Lecturer	2 Years	M.Tech(IE), LMISTE
10	Prof. S S Birade	Lecturer	3 Years	M.Tech((VLSI & ES), LMISTE
11	Prof. S G Huddar	Lecturer	1 Year	M.Tech(PS), LMISTE
12	Prof. M A Mulla	Lecturer	4 Years	M.Tech(PSPE), LMISTE

TECHNICAL SUPPORTING STAFF

SI No	Name	Designation	Experience	Qualification
1	Shri V N Kamate	Instructor	17 Years	DEE
2	Shri R S Bardol	Instructor	17 Years	DEE
3	Smt V R Khot	Instructor	3 Years	DCE
4	Shri S B Beelur	Instructor	20 Years	DEE
5	Shri A A Patil	Electrician	18 Years	ITI
6	Shri B S Sooji	Electrician	6 Years	ITI
7	Shri S N Birangaddi	Electrician	9 Years	ITI

SUPPORTING STAFF

SI No	Name	Designation	Experience	Qualification
1	Shri. I B Madyali	Peon	13 Years	SSLC
2	Shri. G S Tolake	Peon	9 Years	SSLC

STAFF WITH OUTGOING STUDENTS



DEPARTMENT TOPPERS

I
SEM



Lokesh Sutar
71.61%



Madhuri Gangadhar
71.48%



Chitra Gurav
69.16%

II
SEM



Vidyashri B
86.06%



Ashwini kotagi
79.09%



Snehal Ghatage
78.58%

III
SEM



Vidyashri B
76.22%



Nanda H
71.00%



Sagar Pawale
69.33%

IV
SEM



Kusuma Shetti
71.44%



Kashinath S
70.11%



Nishigandha P
67.00%

DEPARTMENT TOPPERS

DEPARTMENT TOPPERS

V
SEM



Kusuma Shetti
74.55%



Priyanka Pujari
71.44%



Kashinath S
70.55%



Ranjana Madar
70.55%

VI
SEM



Avdhut Patil
74.88%



Amit Jadhav
74.44%



Iranna Chougala
72.11%

VII
SEM



Avdhut Patil
71.67%



Iranna Chougala
71.44%



Amit Jadhav
69.22%

VIII
SEM



Bhagyashree N
82.80%



Samiulla C
81.33%



Rakesh B
78.00%

DEPARTMENT TOPPERS

DEPARTMENT FORUM ACTIVITIES

BHAVA SPANDANA 2014



A warm farewell function to the budding engineers was celebrated by the Department on 13th May 2014. Prof. Siddu Yapalparvi, KVSR PU College, Gadag was invited as the chief guest. He advised the outgoing students to cultivate soft skills along with the emerging technology in the field of Electrical Engineering. Dr. N.C.Hiremath Principal, HIT presided over the function and told the scope of electrical engineering in industry and power sector & also he wished the outgoing students for their bright career.

Prof. S.B. Patil, HOD EEE suggested the outgoing students to pursue higher education & to learn new tools & ideas to enrich the knowledge in the field of Electrical Engineering. Prof O.B.Heddurshetti, EESSA Coordinator read the EESSA report, the activities conducted in the Department during the year 2013-14. Prof. A.U.Neshti, Chief Editor of Department News letter & Miss. Bhagyashri Ninganure, student representative were also present on the dais. Department News-letter (NEWS@eeHIT) was released during the function by the dignitaries present on the dais. Miss. Bhagyashri Ninganure was awarded as the best outgoing student.

INAUGURATION OF DEPARTMENT ASSOCIATION ACTIVITIES FOR THE YEAR 2014-15



Electrical and Electronics Staff and Students Association (EESSA) is a solid platform to exhibit the talents of the students in co-curricular and extra-curricular activities. The inauguration function of EESSA activities for the academic year 2014-2015 was organized on 13th September 2014. On the same day fresher's function for third semester students was also organized. Shri.G.V. Donurmah, Asst. Prof Civil engineering department, SGBIT Belgagavi was the chief guest for this function & delivered lecturer on topic "Personality Development & Soft skills."

INDUSTRY INSTITUTE INTERACTION

Mr. D. Janardhana CEO, Naren Energy Solutions Pvt Ltd, Bangalore interacted with final and pre-final year students of EEE department on 21st August 2014 and delivered a sermon on “Energy conservation and Savings”.



MOCK INTERVIEW

A Technical event Mock Interview was organized for final year students on 10th November 2014, in which HR round has been conducted to create the alertness about interviews. Mr. Amit Jadhav secured first place, and Mr. Abhishek Tiwary secured second place. The event was judged by Prof. S N Toppannavar, Training and Placement officer and Prof. O B Heddurshetti Asst Training and Placement officer.

HIT QUEST-14



HIT QUEST-14 a national level technical event was organized on 10th and 11th October 2014. In this event along with National level technical paper presentation competition, Flipped Logic and Trouble-Shooting competitions were also conducted by the department of EEE.

PAPER PRESENTATION COMPETITION

In National level paper presentation competition 11 best papers were selected and all the papers were presented by the students of various colleges. The session was judged by Dr. D B Kulkarni, Professor, Dept. of EEE, GIT, Belgaum and Mr. Shivanand Mariguddi Emersion Industries, Australia. Ms. Snehal P Mokashi & Ms. Snehal R Ghatage of HIT, Nidasoshi, presented paper entitled “Reduction of global warming using Renewable energy resources: mathematic approach.” and bagged first prize. Ms. Karishma Yargatti & Ms. Swetha C M of AITM, Belgaum, presented paper entitled “Performance and Estimation of Solar Power Plant in India” and bagged second prize. Mr. Prashant T Ugale and Mr. Prashant S Langare of HIT, Nidasoshi bagged third prize.

FLIPPED LOGIC



A flipped logic competition was conducted on 11th October 2014, 14 students had participated in the event with innovative models prepared by their own. The event was judged by Prof. Shubha Baravani, Asst Prof, JCE, Belgagavi and Prof. Mahesh Yanagimath, HIT Nidasoshi. Ms. Gayatri Sangavkar, Mr. Ameet Jadhav and Abhishek Kumar of HIT, Niadasoshi bagged first Prize. Ms. Shruti Magadum, Ms. Rashmi Desai & Ms. Rakhi Anantapure of HIT, Niadasoshi bagged second prize.

LA CULPA HUNT

A circuit debugging competition called LA CULPA HUNT was conducted on 11th October 2014, 9 students were selected to compete in the event. The event was judged by Prof. S D Hirekodi and Prof. O B Heddurshetti. Mr. Avinash S Chougale and Shivasagar T Gargoti of HIT, Niadasoshi bagged first Prize. Mr. Pradeep Basannavar and Malagouda K Patil of HIT, Niadasoshi bagged second prize.



GROUP DISCUSSION EVENT



The Group discussion event under EESSA conducted on 30th October 2014. The event was judged by Prof. S N Topannavar, TPO and Prof. H R Zinage Asst Prof, EEE Dept. More than 42 students participated in this event. Mr. Abhishek Tiwary got the first prize, Mr. Jagadish B got the second prize and Mr Amit Jadhav and Mr Shridhar Hiremath shared the third prize.

PICK & SPEAK

A Technical event Pick & Speak was conducted for Pre-final & Final year students of our department on 31st October 2014. 16 students were participated in this event. Ms. Shilpa Suryavanshi of VII sem got first prize, Mr. Amit Jadhav of VII sem got second prize & Mr. Jagadish Borgannvar of VII sem got the third prize. Event was judged by Prof. K M Akkoli Asst Prof Mechanical Engineering & Prof. M.P.Yanagimath E&E Engineering, HIT Nidasoshi.



INDUSTRIAL TOUR

An Industrial Tour was organized for the final year and pre-final year students from 12th to 14th March 2015 at Kaiga Nuclear Power House, Supa Dam Power House and Dandeli Paper Mill. Around 52 Students were exposed to the practical knowledge and had an effective interaction with the engineers at the site. Prof. P M Murari & Prof. K B Negalur were present during the visit.

TECHNOVISION-2015



“Technovision-2015” National Level Technical Quest for final year diploma students was held on 19th March 2015. In this national level event along with Project Exhibition competition, Technical Paper Presentation, Trouble-Shooting competitions were also conducted by the EEE department.

PROJECT EXHIBITION

Project Exhibition Competition was held on 19th March 2015 for the final year EEE department diploma students of various colleges. The event was judged by Prof S S Doddamani, HOD, B.V.V.S Polytechnic, Bagalkot and Prof S M Badiger, Professor, KHK Polytechnic, Dharwad and Prof B R Umarane, HOD ECE, KLECET, Chikodi. Totally 31 project groups were participated in the event. Mr. Vishwanath Patil and group of B.T Patil & Son's Polytechnic, Stavanidhi, Nipani won the first prize. Ms. Swati V K and group of B.V.V.S Polytechnic, Bagalkot won second prize, and Mr. Sharuk M Nadaf and group of B.V.V.S Polytechnic, Bagalkot won third prize.



PAPER PRESENTATION

In Paper Presentation Competition 8 best papers were selected and all the papers were presented by students of various diploma colleges. The session was judged by Prof. Mohan O Kangralkar from M. M. Polytechnic, Belagavi and Prof O B Heddurshetti of EEE dept. HIT Nidasoshi. Ms. Devika Hubli and Ms Laxmi Ramnal of KLE Society's C.I Munawalli Polytechnic, Hubli presented a paper entitled "Water conservation using latest technology" won first prize. The second prize is shared by Mr. Tarun kumar MLB Polytechnic, Belagavi for the paper entitled "Global Warming", and Mr. Akash Patil and Mr. Ramani Bamane of B.T.Patil & Son's Polytechnic, Stavanidhi, Nipani for the paper entitled "Android Technology".

TROUBLE SHOOTING



A technical event Trouble Shooting was organized on 19th March 2015 to find the faults/errors in a given circuit. Totally 18 groups were participated in the event. The event was judged by Prof. M P Yanagimath and Prof. S D Hirekodi. Mr. Sagar Naik of R.N.S Polytechnic Balagavi won first prize. The second prize is shared by Mr. Yash D and Mr. Mahantesh H of B.T Patil & Son's Polytechnic, Stavanidhi, Nipani and Mr. Rakesh D Patil and Mr. Akshay V of C B Kore Polytechnic, Chikodi. Mr. Santosh B and Mr. Keshav Jadhav of R.N.S Polytechnic Balagavi won third prize.

MOCK INTERVIEW

A Technical event Mock Interview was organized for final year students on 24th April 2015, in which HR round has been conducted to create the alertness about interviews. Ms. Shilpa Suryavanshi secured first place and Mr. Sachin Madihalli secured second place. Event was judged by Mr. Mahantesh Vakkund,Alumnus.

WORKSHOP ON PLC

A One Day Workshop on "PLC" was conducted on 28th April 2015 by Alumni Association HIT, Department of EEE & Department of ECE for the final year students of EEE & ECE. Mr. Vilas Patil & Mr. Tushar Gawas, Alumni of EEE, presently working as Project Engineers at Hybrid Automation Technologies, Belagavi were invited as resource persons for the workshop. 40 students attended the workshop. The workshop was divided into 4 sessions where in the first 2 sessions theoretical concepts of PLC have been delivered & the next 2 sessions were lab practices. The workshop was organized by Prof. O.B.Heddurshetti, Chief Alumni Coordinator HIT and Prof. P.M.Murari and Prof. N.M.Patel, Department Alumni Coordinators of EEE & ECE Dept. respectively.

Staff Achievements (April 2014-March 2015)

Prof. S B Patil

- Published the paper in “International Journal of Modern Engineering research” and the manuscript entitled “Optimal location & sizing of DG using fuzzy logic” in IJMER, Vol-4, Issue-06, June 2014, PP 59-64.
- Attended a National workshop on “Importance of Electrical energy conservation in the present day energy crisis” held at DON BOSCO Institute of Technology Bangalore on 29th to 31st October 2014.
- Invited as a resource person for one day workshop on “CAED” held at AEC Bhatkal on 20th April 2014.
- Invited as a guest lecture on “Energy Conservation” held at MBES TBG Polytechnic Ambajogai on 30th Jan 2015.
- Conducted training on “AutoCAD Electrical” as a resource person held at MBES college of Engineering Ambajogai on 27th to 31st Jan 2015.
- Invited as a resource person for one week workshop on “CAED” held at MIT Aurangabad on 26th to 29th March 2015.
- Invited as a judge for 7th National level paper presentation & project exhibition at C.B Kore polytechnic, Chikodi on 4th April 2014.

Additional Responsibilities: Working as a Board of Education (BOE) member of Electrical & Electronics Engineering Board VTU Belagavi for the academic year 14-15.

Prof. S D Hirekodi

- Attended short term course on “Emerging R&D in wind energy conversion-present & future challenges” held at BEC, Bagalkot on 21st to 26th July 2014.
- Published a technical paper in Elsevier Science & Technology Publications entitled “AC to AC power converter applied to domestic Induction heating” in proceeding of the third National conference on “Advance Technologies in Electrical & Electronics System (ATEES-2014)”.

Prof. H R Zinage

- Published a technical paper in Elsevier Science & Technology Publications entitled “water harvesting for young trees by using peltier plates powered by photovoltaic solar energy” in proceeding of the third National conference on “Advance Technologies in Electrical & Electronics System(ATEES-2014)”.
- Attended FDP on “Research Methodology” held at KLECET Belgavi from 1st to 5th Dec 2014.

Prof. M P Yanagimath

- Attended FDP on “Research Methodology” held at KLECET Belgavi on 1st to 5th Dec 2014.
- Attended a National Conference on “Trends in industrial power electronics & Controls” and Presented a paper entitled “Monitoring & control strategies of smart grid system” held at KLECET Belagavi on 29th to 30th Jan 2015.
- Published a technical paper in Elsevier Science & Technology Publications entitled “Universal serial bus based human interface device for hand held devices” in proceeding of the third National Conference on “Advance Technologies in Electrical & Electronics System(ATEES-2014)”.
- Delivered a expert lecture on the topic “Real world interfacing with microcontroller” at Sharad College of Engineering, Yadrav on 25th March 2015.

Prof. O B Heddurshetti

- Attended a National workshop on “Importance of Electrical energy conservation in the present day energy crisis” held at DON BOSCO institute of technology Bangalore on 29th to 31st October 2014.
- Published a technical paper in Elsevier Science & Technology Publications entitled “AC to AC power converter applied to domestic Induction heating” in proceeding of the third National conference on “Advance Technologies in Electrical & Electronics System (ATEES-2014)”.
- Participated & presented a paper entitled “Modeling of single phase semi Z-source Inverter” in the International conference on Emerging trends in Engineering Sciences (ICETES-2015) held at Jain college of Engineering Belgavi on 25th April 2015.
- Published a paper entitled “Modeling of single phase semi Z-source Inverter” in the International journal of Emerging Technology in Computer science & Electronics, Vol-14 Issue-2 in April 2015.

Prof. P M Murari

- Attended FDP on “Mathematical & Computational applications in Engineering” held at KLECET Belgaum on 5th to 9th Jan 2015.

Prof. G Y Hebbal

- Attended one day National conference on “Power system Engineering” held at SDMCET Dharwad on 11st April 2015.

Prof. K B Negalur

- Attended National level workshop on “Control System” held at SDMCET Dharwad on 2nd to 12th Dec 2014.

Prof. S S Birade

- Attended National workshop on “Emerging trends in power electronics & its applications” held at AISSMS college of Engineering, Pune on 27th to 28th Feb 2015.

Prof. S G Huddar

- Attended one day National conference on “Power system engineering” held at SDMCET, Dharwad on 11st April 2015.

Prof. M A Mulla

- Attended National level workshop on “Control System” held at AITM Belagavi on 2nd to 12th Dec 2014.

Subject Wise 100% Result by the Staff Members

S.No	Subject Name	Sub Code	Sem	Name of the staff	Exam
1	Power System Analysis & Stability	10EE61	VI	Sri. P. M. Murari	Even Sem
2	Electrical Drawing & CAD	10EE65	VI	Sri. S. B. Patil	
3	Operation Research	10EE661	VI	Sri. G. V. Chiniwalar	
4	Electrical Engg. Materials	10EE666	VI	Miss. G. Y. Hebbal	
5	Electrical Design, Estimating and Costing	10EE81	VIII	Sri. P. M. Murari	
6	Electrical Distribution system	10EE844	VIII	Sri. S. R. Nakati	
7	Eclectic Power Generation	10EE36	III	Sri. P. M. Murari	Odd Sem
8	Transmission & Distribution	10EE53	V	Miss. G. Y. Hebbal	
9	Programmable Logic Controllers	10EE752	VII	Sri. S. S. Birade	

Student Achievements

- Mr. Vittal Gadad & Mr Manjunath Nagarale were participated in Group Championship Yoga competition held at HIT Nidasoshi on 17th & 18th Sept 2014 got second place.
- Mr. Vittal Gadad has participated in 17th VTU inter collegiate athletic meet 2014-15 for triple jump events competition held at VTU Belgaum from 5th to 8th Nov 2014 and secured 4th place.
- Mr Shivsagar T G & Mr Rahul M G were participated in FLIP-LA event held at Jain college of Engineering Belgavi on 25th March 2015.
- Mr. Vittal Gadad has won Individual General Championship for boys in Annual athletic meet 2014-15.
- Mr. Prashant Ugale & Mr. Prashant Langare presented paper entitled “Water harvesting for young trees by using peltier plates powered by photovoltaic cells” in Srishti-2015.
- Mr.Kartik A Magadam of II sem got third place with bronze medal in VTU intercollegiate Yoga competition held at HIT Nidasoshi on 16th September 2014.



Project Achievements 2014-15

Two projects are selected for Srishti- 2015,

- Project entitled “Power generation using multirotor windmill” exhibited by Mr. Nikhil Patil, Mr. Jayanand Gharage, Mr. Amit Jadhav and Ms. Vidya Kittur under the guidance of Prof. S D Hirekodi.
- Project entitled “Safe and corruption free smart automobile system” exhibited by Mr. Prashant Ugale, Mr. Prashant Langare, Mr. Prashant Desai and Mr. Rahul Jadhav under the guidance of Prof. H R Zinage.

QUIZ COMPETITION

EESSA has organized Quiz Competition on 20th Feb 2015, 10 groups were participated in the event in which Mr. Abhishek Tiwary, Mr. Vinay Nadagouda and Ms. Poornima Sarawade of VIII semester got first prize and Mr. Srujan Kelagademath, Mr. Sagar Pavale and Mr. Suhas Gamanagatti of IV semester got second prize.

HAIR STYLE COMPETITION

EESSA organized hair style competition on 20th Feb 2014 for girls. Event was judged by Prof. H R Zinage and Prof. S G Huddar. Ms. Deepa Gurav got first prize and Ms. Priyanka Patil and Ms. Vani Basavanal got the second prize.



VEGETABLE CARVING COMPETITION

EESSA organized Vegetable carving competition on 20th Feb 2015. Event was judged by Prof. S S Birade and Prof. K B Negalur. Ms. Vanita Khemalpure and Ms. Nanda H got first prize and Ms. Asha Tamburi and Ms. Sneha Gandh got second prize.

EESSA SPORTS EVENT RESULTS 2014-15

During academic year 2014-15 EESSA has organized various sport events, the results are.,

Name Of The Student	Event Name	Result
Ms. Vidya Kittur (VIII)	Chess	Winner
Ms. Rakhee Anantpure (VI)	Chess	Runner
Ms. Ranjana M (VI) & Ms. Priyanka P (VI)	Carrom Doubles	Winner
Ms. Rashmi Desai (VI) & Ms. Shruti M (VI)	Carrom Doubles	Runner
Ms. Vanita Khemalpure (IV)	Table Tennis Singles	Winner
Ms. Shweta Gudashi (VI)	Table Tennis Singles	Runner
Mr. Prashant Koppa (IV)	Table Tennis Singles	Winner
Mr. Parshwanath Belavi (VI)	Table Tennis Singles	Runner
Mr. Avinash C(VI) & Mr. Shrishail P(IV)	Table Tennis Doubles	Winner
Mr. Kashinath S (VI) & Bhalachandra N VI)	Table Tennis Doubles	Runner
Mr. Ravi Kagal (VI) & Ms. Megha D (VI)	Carrom Doubles (Mixed)	Winner
Mr. Parshwanath B (VI) & Ms. Lilavati P VI)	Carrom Doubles (Mixed)	Runner
6 th Sem Girls	Throw Ball	Winners
4 th Sem Girls	Throw Ball	Runners
6 th Sem Boys	Cricket	Winners
8 th Sem Boys	Cricket	Runners
Mr.Ravi Gumataz	Chess	Winner
Mr.Amit Jadhav	Chess	Runner
Mr.Vittal Gadad	Carrom Doubles	Winner
Mr.Pankaj Khilare	Carrom Doubles	Runner



Editorial Board

