

Dept. of ECE

STEADY'S

INCHHARA

**OFFICE BEARERS OF STEADY FOR THE ACCADEMIC YEAR 2017-18**

**PRINCIPAL  
HOD (ECE)  
FACULTY ADVISORS**

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DR. SOORYA KRISHNA K  
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MR.AMARDEEP**

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VICE PRESIDENT  
SECRETARY  
JOINT SECRETARY**

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MS.SHRUTHI S H  
MS.ASHWINI K  
MS.NIREEKSHA M M  
MR. VINAYAK S KALGUTKAR**

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MR.SURAJ K  
MS.SRILATHA  
MS. PADMASHRI M M  
MS.PALLAVI  
MS.PAVITHRA  
MR. NACHIKETH DAMLE  
MS. LONA DECHAMMA P N  
MS.SHILPA  
MS.MAYURI  
Mr.ARAVIND RAO  
MR. ABHILASH B BADIGER  
MS.NISHA ISHWAR NAIK  
MR.SACHIN REDDY M  
MS.NIKITHA  
MS.SHEETHAL  
MS.CHETHANA  
MS.DAHLIA MOHAN**

## WORDS OF APPRECIATION

### FROM THE PRINCIPAL'S DESK

*"I am indeed very happy to know that our ECE students association STEADY is bringing out the newsletter 'INCHARA'. Young and talented engineers of tomorrow with in depth technical knowledge will be an asset to our country in all round development. In this regard, the newsletter will provide a little contribution from students side related to the activities of the department of the college. I wish all the success to the budding engineers."*

**DR. SHRINIVASA MAYYA D**



### FROM THE HOD'S DESK

*It gives me immense pleasure to present the yearly Newsletter of Electronics and Communication Department, SIT. The newsletter of ours is a humble effort to showcase the talents of our Students, Faculties and the Activities conducted by the department Association "STEADY" during the academic year 2016-17. I thank the Association Staff Coordinators and the Student Editorial board for the tired-less effort to bring-out this issue.*

**DR. SOORYA KRISHNA K**



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# KRIYA KALAPA



## **INAUGURAL FUNCTION OF STEADY 2017-18**



***The inaugural function of steady 2017-18 was on 9<sup>th</sup> September 2017***

***The welcome address by the president Mr.Akshay Naik was followed by the formal inauguration by the chief guest Mr.Gururaj Padaki,director software saankhya labs pvt ltd.The vice president Ms.Shruthi.H introduced the chief guest Mr.Gururaj Padaki to the gathering. [repmnt by introducing peer learning, projects, internships and workshops in the department.***

***President of the function Mr.Gururaj Padaki stressed on various skills that can be developed through active involvement in the association.***

***The Head of the department Dr. Soorya Krishna K encouraged the students to conduct activities at the departmental level.***

***Faculty advisers of the association Mr. Gourish Hegde read out the work plan of STEADY for the academic year 2017-2018.***



**The function marked its end successfully with a vote of thanks by the secretary of the association, Ms. Ashwini K.**

**The inaugural function was followed by a talk on software defined radio and introduction to 5G technology, which concentrated on elaboration of 5G technology and it is the advanced version.**









## **TECHNICAL APTITUDE TEST**

***Departmental aptitude test was conducted for all the students of electronics and communication engineering as a part of STEADY activity. This was conducted on 27<sup>th</sup> September ,in their respective classrooms.***



***Students participated in this event with great enthusiasm in overwhelming numbers. 92 students actively participated in the event.***

***Winners of Technical aptitude test are***

***First place:Shreyas shetty(4SN14EC725)from fourth year***

***Apoorva .C(4SN14EC012)from fourth year.***

***Second place:Sachin M C (4SN15EC046)from third year B section.***

***Sangam J K (4sn15ec048)from third year B section.***

# TEAM

*Association of department of Electronics and communication "STEADY" organized "TEAM"[TEST OF ENGINEERING APTITUDE MATHEMATICS] on 2<sup>nd</sup> October.*



The poster features a blue header with the SRINIVAS INSTITUTE OF TECHNOLOGY logo and name. Below, it says 'STEADY Presents "/>



*Around 86 students actively participated .TEAM consisted questions of various fields.*

***FIRST PLACE:Ranjith Kumar Naik(4SN14EC56)***

***Shivaprasad Pai(4SN14EC724)***

***SECOND PLACE:Abdul Nazir(4SN15EC002)***

***Sumanth A K (4SN15EC063)***







***This competition was judged by Mr.Rakesh Mallya, Associate professor ECE, Ms.Ganapathi Sharma, Assistant professor ECE.***

***The winners of Synthesis are***

***First place: Oshin Fernandes()from fourth year.***

***Pravalika Reddy()from fourth year.***

***Second place:Aparna()from fourth year.***

***Neha ()from fourth***

**STEADY T-SHIRT**



**FRONT**



**BACK**

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# TECHNOPEDIA

*An intradepartment technical quiz was conducted by the STEADY association members for the students of all semesters of the department on 27<sup>th</sup> September 2017.*



*92 members participated in the event. The round consisted of written technical quiz.*



*Winners: Shreyas shetty(4SN14EC725) and Apoorva C(4SN14EC012) from fourth year.*

*Runners: Sachin M C(4SN15EC046) and Sangham J K(4SN15EC048) from third year.*



# ***IMPULSIVE TALKS***

## LEGAL ETHICAL AND CONTRACTUAL TALK

*The department of electronics and communication ,on behalf of steady association organised a talk on “LEGAL ETHICAL AND CONTRACTUAL” constraints in the company by Advocate Sapna N ,legal senior advisor at Robosoft Technologies pvt ltd. The talk concentrated on how to tackle the serious issues related to the company .*



## ONE STEP CLOSER

*A carrier guidance programme was conducted in association with STEADY on 7<sup>th</sup> april 2018 by Ms. Prathima Bhat. Students of the 6<sup>th</sup> and 8<sup>th</sup> semester formed an enormous audience to seek guidance under this programme.*





***The talk concluded with suggestions of making choices about career and providing feedback with regard to their fields of interest which the students could get easy access to fulfill their career plan.***



## Effective career planning for Engineering Students

The electronics and communication engineering Department on behalf of steady organised a talk on “EFFECTIVE CAREER PLANNING FOR ENGINEERING STUDENTS” on 17<sup>th</sup> April 2018. This program was conducted by Mr. Jai Prakash Rau, a former civil servant as Indian Revenue Service officer, voluntarily retired as Joint commissioner Income Tax.



# ***KNOWLEDGE AMPLIFIERS***



# LT spice WORKSHOP

*A one day workshop on 'LT spice' was conducted in the college by the 'STEADY' association for the Electronics and Communication Engineering students on 7<sup>th</sup> April 2018. The workshop was conducted by Prof. Prashanth and Prof. Uday Kumar, Prof. Ganapathi Sharma, Assistant professor of electronics and communication department.*



**The resource persons told the students how to install the software and procedure to simulate the simple circuit.**



## WORKSHOP ON C PROGRAMMING

IETE Student forum of ECE Department had organized a Three-day workshop on “C-PROGRAMMING” from 7<sup>th</sup> to 9<sup>th</sup> February 2018 for 6<sup>th</sup> sem students. 77 students took active participation. Resource person was Mr. Mahesh Padyana from CloudE, Mysuru. The workshop was coordinated by Mr. Sandeep Bhat, IETE staff Advisor, SIT Mangaluru.





## **CARRIER ORIENTED PROGRAMME FOR PU STUDENTS BY SIT FACULTIES**

**On 20<sup>th</sup> Decemder 2017,Mr.Sathish,Mr.Clitus and Mr.Amardeep presented on “Scope and Job Opportunities in Engineering “ in Shankaranarayana Govt PU College ,Haladi Govt PU college and Excellent PU college.**



# SWACCH BHARAT ABHIYAN

*Swacch Bharat Abhiyan was conducted on 15th september 2017. Students of the department cleaned the college campus along with the college NSS wing, motivating others to maintain their surrounding tidy for healthy being and as a small step towards making a clean nation.*









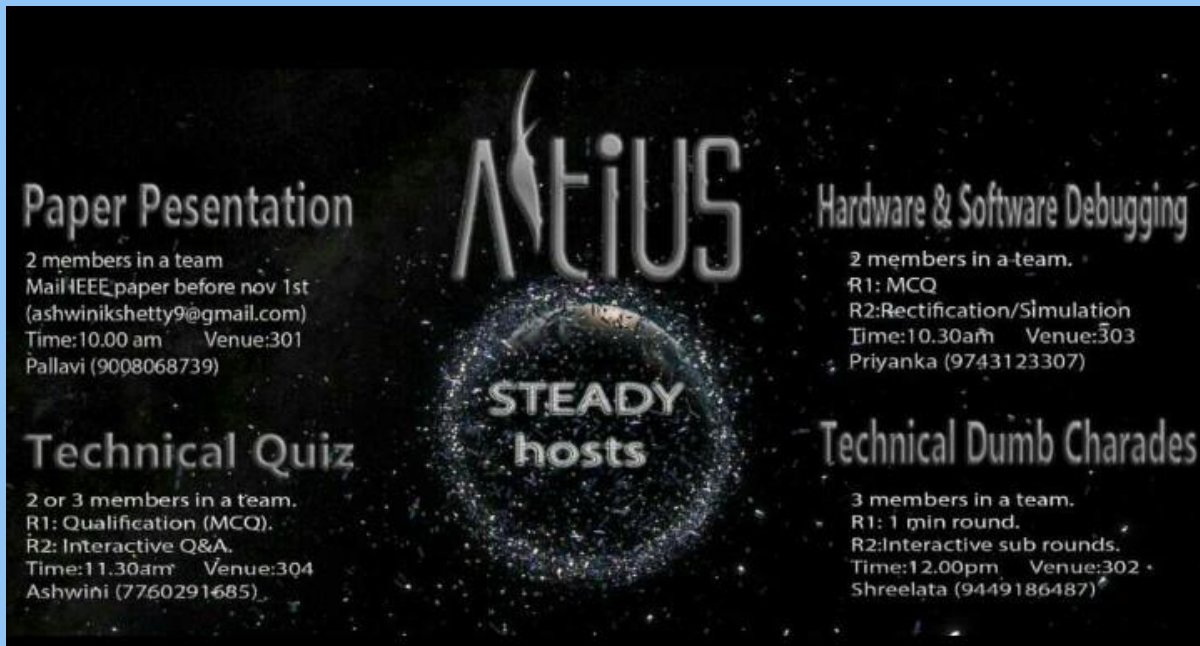
To create the awareness on 'Swach Bharath Abhiyan' was conducted on 30<sup>th</sup> April 2018 and 7<sup>th</sup> March 2018. Mr. Rakesh Mallya, NSS coordinator of the department accompanied the students.



# ***MEGA EVENTS***

# ALTIUS

*An intracollege event conducted by the STEADY association on 2<sup>nd</sup> November 2017 consisted of various technical events where in students from all the departments voluntarily took part and marked its grand success.*



**Paper Presentation**  
2 members in a team  
Mail IEEE paper before nov 1st  
(ashwinikshetty9@gmail.com)  
Time:10.00 am Venue:301  
Pallavi (9008068739)

**Hardware & Software Debugging**  
2 members in a team.  
R1: MCQ  
R2:Rectification/Simulation  
Time:10.30am Venue:303  
Priyanka (9743123307)

**Technical Quiz**  
2 or 3 members in a team.  
R1: Qualification (MCQ).  
R2: Interactive Q&A.  
Time:11.30am Venue:304  
Ashwini (7760291685)

**Technical Dumb Charades**  
3 members in a team.  
R1: 1 min round.  
R2:Interactive sub rounds.  
Time:12.00pm Venue:302  
Shreelata (9449186487)

**ALTIUS**  
**STEADY hosts**







*Events were judged by the faculties' who chose the winners justly.  
List of events including the place holders in the same respectively  
are*

<b>EVENTS</b>	<b>PLACE HOLDERS</b>
<b>1) ACCORD POPYRUS (PAPER PRESENTATION)</b>	<b>WINNERS:</b> <i>Nikil Soumyshree</i> <b>RUNNERS:</b> <i>Sangam J K</i> <b>WINNERS:</b>
<b>2) HARDWARE DEBUGGING</b>	<i>Ranjith Nayak Ranjith</i> <b>RUNNERS:</b> <i>Likith Amin Sangam J K</i>
<b>3) TECHNICAL QUIZ</b>	<b>WINNERS:</b> <i>Akash C M Niraj Sonam</i> <b>RUNNERS:</b> <i>Charan Jashwith Ajith</i>
<b>4) TECHNICAL DUMBCHARADES</b>	<b>WINNERS:</b> <i>Sarvesh Ajay Suman</i> <b>RUNNERS:</b> <i>Keerthana Udupa Krupali Rakshitha K Shetty</i>

## ENVISION 2K17

*The most entertaining National level intercollegiate fest comprised of both technical events and cultural programmes which were conducted on 20th and 21st Of February 2017, cherishing every participant from various colleges, which made a total of approximately 300 students, with exciting events and programmes. Mr. Vidyaranya Kollipal was the chief guest.*







**STEADY** organized technical events on the first of the fest. Events included various rounds, step by step accomplishments of task until victory. The prizes were distributed to the place holders on the second day of the fest. The events conducted by STEADY and the winners' list for the same are as follows.

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EVENT	PLACE HOLDERS	COLLEGE
PAPER VIEW	<p><i>Winners:</i> <i>Soumyshree M</i></p> <p><i>RUNNERS:</i> <i>J Sreelakshmi</i></p> <p><i>Patsi a souza</i></p>	<i>Srinivas Institute Of Technology</i>
SNAPA-GRAM	<p><i>Winners:</i> <i>Akash Murudeshwar Paresh Naik Neeraj Abhinay</i></p> <p><i>Runners:</i> <i>Charan Akash Yogendra Muralli</i></p>	<p><i>Srinivas Institute Of Technology</i></p> <p><i>Srinivas Institute Of Technology</i></p>
TECH – CHAR-DES	<p><i>Winners:</i> <i>Akash Murudeshwar Niraj nagekar Paresh Naik</i></p> <p><i>Runners:</i> <i>Akarsh Harikantan Charan Achari Gandhar Kanekar</i></p>	<p><i>Srinivas Institute Of Technology</i></p> <p><i>Srinivas Institute Of Technology</i></p>
EXPLO-RIX	<p><i>Winners:</i> <i>Charan M T Jashwith Akshath Ajith</i></p> <p><i>Runners:</i></p>	<i>Srinivas Institute Of Technology</i>

	<i>Aparna</i> <i>Karthika</i>	
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**30|INCHARA**



***STRING  
OF  
TALENTS***



**Maahsooq Ali**  
**6<sup>th</sup> sem (Asection)**



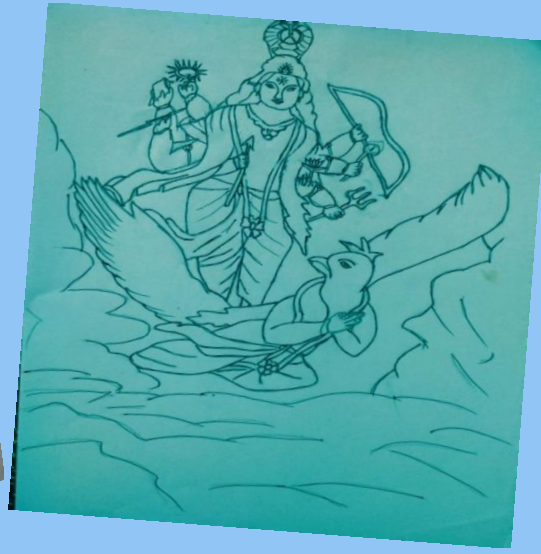
**Chethan K H**

**4<sup>th</sup> sem(A-sectio**



**Jagadish Thimmaiah**

**4<sup>th</sup> sem**



**Meghana M P**

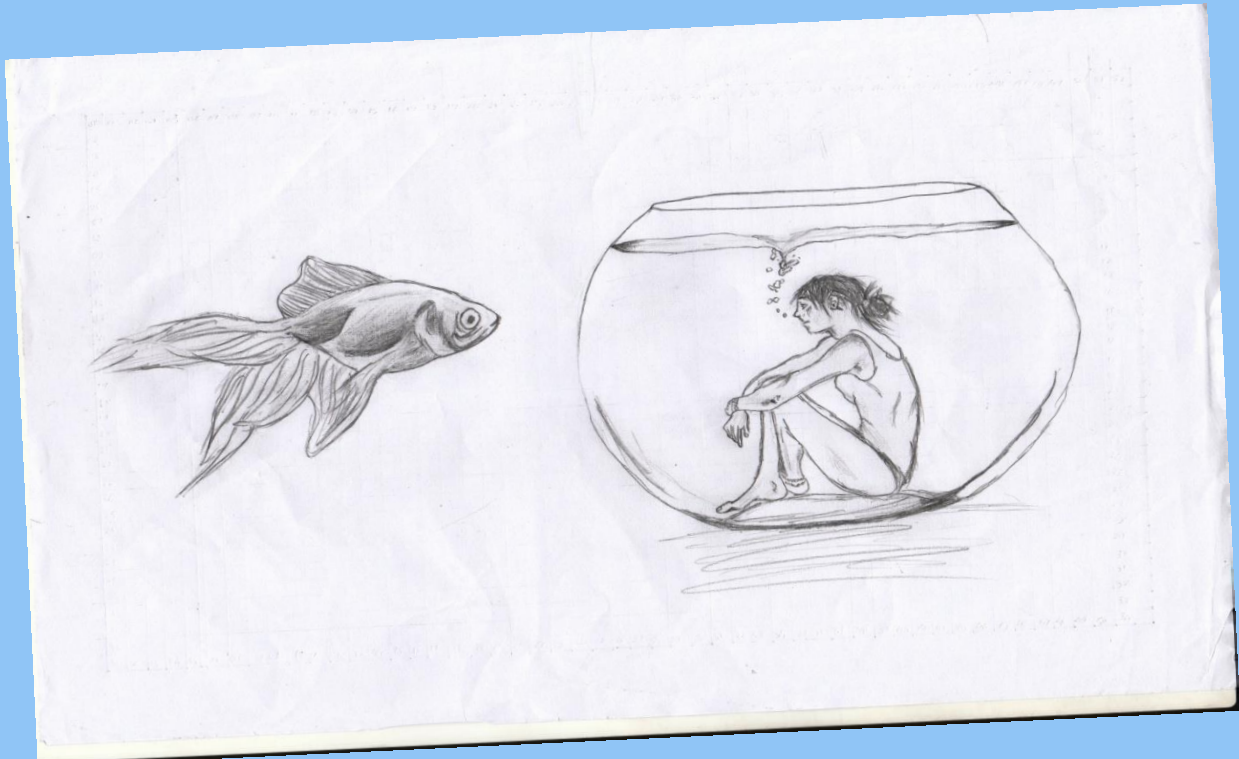
**6<sup>th</sup>(( A section)**





**Abhijay U More**

**6<sup>th</sup> sem (B-section)**



**Abdul Nazir**

**4sn15ec002(A-section)**

## WOMEN IN OLIVE GREEN

The Indian Army started recruiting women officers in 1992. Every six months, about 5000 women graduates and postgraduates between the ages of 21 and 25 years apply to join the Army. Barely a fifth clear the written test and only a tenth of those who do so are selected. There have been many notable achievements as well by women in Olive Green. Here are some

Punita Arora is the first woman in India to don the second highest rank i.e. Lieutenant General of Indian Armed Forces and the first Vice admiral of Indian Navy.

Another officer, squadron leader Nidhi Handa, the first woman pilot in IAF from Himachal Pradesh, in a short career span of six years, reached the B-Green category which allows her to captain an aircraft in all the roles in every sector of the country.

Women don't join Combat Operations, but one woman beat the odds and joined the Territorial Army, she was Jawan Shanti Tigga. She was honored by former President Pratibha Patil for being the first female jawan of our country. The first woman in the history of the Indian Army, to be selected for the 'Sword of Honor', is Chennai-girl Divya Ajith in year 2010. She beat 244 fellow gentlemen and women cadets, to win the Best All Round Cadet award and get the 'Sword of Honor', which is the highest award given to a cadet of the Officers Training Academy. Well, most of the girls are happier being Army wife. Hope when you read, you get motivated to join the esteemed forces.

Asiyath Sahana

6<sup>th</sup> SEM



***PROUD  
WINNERS***

## Winners of various events in external colleges

SL.NO	NAME	USN	HOST COLLEGE	EVENTS WON
1.	Akshay S Naik	4sn14ec008	NITTE  MITE  Shreedevi	1st place in dum charades 2nd place in dum 2 <sup>nd</sup> place in paper presentation. 2 <sup>nd</sup> in waste management
2.	Chaitanya P	4sn14ec019	    MITE	    2 <sup>ND</sup> place in dum charades
3.	Ranjith C	4sn14ec055	SSE	2nd in Circuit storm
4.	Ranjith Kumar Naik	4sn14ec056	SSE	1st place in DIGITRIX 2nd in Circuit storm

## **FACULTY ACHIEVEMENTS FOR THE ACADEMIC YEAR** **2017-18**

**Dr. Soorya Krishna K, HOD of Dept. ECE**

- **Attended a 5 day workshop on “Mathematical Methods and Solid State Physics” held at IISC, Bangalore from 24<sup>th</sup>-28<sup>th</sup> July 2017.**
- **Attended one day hands on “Introduction to Design and Verification through Verilog and System Verilog” at IEEE student branch, Canara Engineering college Mangalore on 22<sup>nd</sup> April 2018.**

**Mr. Sandeep Bhat**

- **Attended 4 day FDP on “ARM Cortex M3 Processor” held at Alvas Institute of Engineering and Technology Moodbidri from 16<sup>th</sup> to 19<sup>th</sup> January 2018.**
- **Presented technical talk on “ Real-time human detection in rescue operation” at ECE department MIT, Manipal on 19<sup>th</sup> November 2017.**
- **Reviewer of the IEEE conference COMNET-17 held at MIT, Manipal from 14<sup>th</sup>-16<sup>th</sup> September 2017.**

**Mr Rakesh Malya**

- **Received a certificate of appreciation from AICTE in recognition of dedication and commitment shown in implementing SANSAD ADARSH GRAM YOJNA in Balapa village, in association with AICTE.**
- **Attended 5 day workshop on “Lab VIEW System Engineering Software Hands-on Training LSET-2018” from 16<sup>th</sup>-20<sup>th</sup> January 2018, held at SIT Mangalore.**

**Mrs Deeksha,**

- **Published an International Journal on “Solar Power Switched Mode Power Supply to run Raspberry PI”, in International Journal of Research in Engineering and Technology”**



- **Attended a 2 day workshop on “Psycho Pedagogy of classroom”, conducted by Srinivas Institute of Technology, Valachil Mangalore on 11<sup>th</sup> December 2017.36 | I N C H A R A**
- **Ms Anusha Attended a 2 day workshop on “Psycho Pedagogy of classroom”, conducted by Srinivas Institute of Technology, Valachil Mangalore on 11<sup>th</sup> December 2017.**
- **Attended 5 day workshop on “Lab VIEW System Engineering Software Hands-on Training LSET-2018” from 16<sup>th</sup>-20<sup>th</sup> January 2018, held at SIT Mangalore**

**Ms Flavita Janice Pinto and Mrs Vidya attended a 2 day workshop on “Psycho Pedagogy of classroom”, conducted by Srinivas Institute of Technology, Valachil Mangalore on 11<sup>th</sup> December 2017.**

- **Mrs Sahana Girish Kundar attended 5 day workshop on “Lab VIEW System Engineering Software Hands-on Training LSET-2018” from 16<sup>th</sup>-20<sup>th</sup> January 2018, held at SIT Mangalore.**
- **Mr Clitus Dsouza presented a paper entitled “Edge Preserving image enhancement for color and gray scale images using local mean and local standard deviation” at IEEE International Conference (ICSPC-17) on 28<sup>th</sup> July 2017 at Karunya University, Coimbatore.**
- **Prof Prashanth Barla, Prof Uday Kumar and Prof Ganapathi Sharma conducted a hands-on “LTspice Simulation” on 7<sup>th</sup> April 2018, under the association of STEADY.**

- **Prof.Sathish Kumar K was being felicitated by Carmel Composite PU college,Bantwal for supporting and guiding their school projects such as Sleep Detector for Driver,Electronic Water Tap,Smart Tiffin Box and Advanced Electronic Water Tap.The projects “Sleep Detector for Driver “ and “ Advanced Electronic Water Tap “ have been awarded in National level and State level respectively in the year 2016 and 2017.**



# **SPORTS ACHIEVERS**

## **SWEEKRUTHA SHETTY *4<sup>th</sup> year***

- **Won 1st prize in discus and javelin,3rd in shot-put in the athletic meet held during Revels"17,the National Cultural and Sports Festival of Manipal Institute of Technology held from 8th -11th March 2017.**
- **Participated in19th inter-collegiate VTU Athletic meet 2017 held at Dr Thimmaiah Institute of Technology.**
- **Won 2nd prize in 18th VTU Inter Collegiate Athletic Meet held at sir M Visvesvaraya institute of technology, Bengaluru from 24th to 27th March 2016.**

## **Akshath C *4th year***

- **Participated in 16th VTU mangalore zone Hockey Tournament held at NMAIT, Nitte on 30th August 2016.**
- **Participated in 17th VTU mangalore Hockey Tournament held at NMAIT, Nitte on 8th April 2017.**
- 

## **KIRAN R SANADI *3<sup>rd</sup> year***

- **Participated in 2015-16 VTU Kabaddi tournament.**
  - **Participated in Tech Tuva 2K17 kabbadi tournament conducted by Srinivas School of Engineering, Mukka, Mangaluru.**
-



## **SHRINIKETH *2nd year***

- Participated in VTU and DKCA cricket tournament for the academic year 2016-2017
- Participated in International Kite Festival held at Telangana, Hyderabad on 14th and 15th January 2017.

## **INTERNSHIPS**

- Sonam S Gaonkar of 4<sup>th</sup> year B section carried out internship from 13<sup>th</sup> January to 25<sup>th</sup> January 2017, in manufacturing department, Digisol Systems Ltd.
- Oshin Fernandes of 4<sup>th</sup> year A section carried out internship from 13<sup>th</sup> January to 25<sup>th</sup> January 2017, in manufacturing department, Digisol Systems Ltd.
- 6<sup>th</sup> sem students have attended one week internship in ALL INDIA RADIO.
- Deepthi Bangera of 3<sup>rd</sup> year A section carried out 11 days internship in MRPL.
- Amratha and Devika of 3<sup>rd</sup> year A section carried out internship for one week in KIOCL.
- Aisiri P of 3<sup>rd</sup> year A section carried out internship for 6 days in Hospet steels Limited.