



ISTE CHAPTER (S) PES COLLEGE OF ENGINEERING, MANDYA.



EUREKA

A NEWS BULLETIN

Vol. 12

Issue :1

August 2018

Our Chapter Always Ahead

Best ISTE Chapter Chairman National Award



Twinkle Twinkle Little Star, ISTE PESCE Chapter is Super Star

The Indian Society for Technical Education (ISTE) has presented "ISTE Stripes of Redeemer National Award for the Best ISTE Chapter Chairman for 2017" to Dr.B.S.Shivakumara, Chairman, ISTE chapter, P.E.S College of Engineering, Mandya.. The awards were presented to Dr.B.S.Shivakumara and to ISTE PESCE chapter (office bearers) at the inaugural function of the ISTE National Annual Convention which was held on 27th January, 2018 at Kottayam, Kerala.

Hattrick Award (2007,2013,2017)

Best ISTE Faculty Chapter Award



East or West ISTE PESCE Faculty Chapter Is Best

The ISTE chapter of the college has been presented with "ISTE Best Faculty chapter of Karnataka section for the year 2017" ISTE PESCE chapter (office bearers) at the inaugural function of the ISTE National Annual Convention which was held on 27th January, 2018 at Kottayam, Kerala.

Shining of Budding Leader

Best Student of the ISTE Chapter



Mohamed Adnan Khan, from the branch of Electrical and Electronics Engineering has bagged "Best Student of the Chapter Award 2018". He also served as the President of ISTE PESCE student chapter during the year 2017-18. He has been awarded the "Best Service Award" by the Youth Red Cross Wing PESCE and "Merit Award Service" by the ISTE PESCE Student Chapter.

A Report Of ISTE Day Celebrations



Chapters celebrated "ISTE day" on 1 st May 2018. Mr.S.B.Devaraju. Executive council member, ISTE and Smt.Meera shivalingaiah, Chairman, Indian Red Cross Society, Mandya District branch inaugurated the celebrations by lighting the lamp. Mr.S.B.Devaraju. spoke on "Role of ISTE in personality development of budding engineers." Smt.Meera Shivalingaiah, honored the outstanding student members of the chapter by presenting "ISTE Merit Award" for their best services. Prizes were distributed for the winners of "Essay", "Impromptu speech", "Singing", "Debate" and "Quiz" and "Report writing" competitions on the occasion.

The Past cannot be changed . The Future is yet in your hand.

Principal's Message

I am very glad to note that ISTE PESCE Chapters are publishing yet another issue of Eureka with information and photos of activities of the ISTE Chapters. Definitely, Eureka is throwing light on the activities and achievements the chapters. I hope that it is bridging the gap between the students, Faculty, parents and other stake holders of the college. I wish that the chapters will plan and carryout innovative activities which is useful for students, staff and society in changing scenario of the dynamic world.



Dr. V. Sridhar

Vice Principal's Message

I am very happy to learn that ISTE PESCE Chapters are releasing attractive news bulletin Eureka - 2018. The activities of the ISTE chapters are successfully catering the needs of the students, Faculty, and the college. The chapters are consistently bagging the "Awards" at district, state and national levels and enhancing the face value of the chapters and the college. The Documentation is need of the any institution in today' world and Eureka is fulfilling it in the form of useful permanent document.



Dr. H.V. Ravindra

President's column

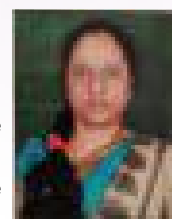
I am very happy to mention that again our faculty chapter has been honored 3rd time as "Best Faculty chapter in Karnataka section". I, myself was recognized and honored as "ISTE Stripes of Redeemer National Award for the Best ISTE Chapter Chairman for 2017". Both these awards are due to fruitful team efforts and work of the members of the "ISTE PESCE Faculty chapter" supported by the my young Turks of "ISTE PESCE student chapter" and Guidance, support, blessings and wishes of Dr.H.D.Chowdaiah , Chairman, P.E.T@ and other members of the Management, Principal Dr. V. Sridhar and Vice principal Dr. H.V. Ravindra. The "Eureka" is spreading the fragrance of the activities of ISTE chapters. It is a melodious voice of the Chapters and is acting as stepping stone towards the success and Awards. There is no powerful word in my vocabulary to express the gratitude towards the editor Dr. M.N. Veena madam and her mercury team, except to say Thank you all & keep it up. .



Dr. B.S. Shivakumara

Chief Editor's Column

Eureka has lighting lamp of knowledge. It connects the group of people who involved social activities in the education sector like students, faculties and alumnus of our college. This is the one of the platform you can share knowledge, provides the useful information, motivation lines that encourage the academicians and students.



Dr. M.N. Veena

Trouble Shooters

Editorial Committee

Editor: Dr. Veena M.N.

Co-editor: Ravi K

Student Editor:

Harshith Mohan V EE&E

Varsha G.S. V IS&E

Fabin Jenisha .J V IP&E

Jenisha .J V IP&E

Yashitha H.M. III CS&E

Multifacets of the ISTE Chapter

Executive Committee ISTE Chapter 2017-18

Chairman: Dr. B.S. Shivakumara,
I&P Engg Dept

Secretary / Treasurer: Sri. M. Shankare Gowda
Civil Engg Dept

Members

Dr. N.L. Murali Krishna, Asso. Prof in I&P Engg
Sri. M.S. Channe Gowda, Asso. Prof in Auto Engg
Dr. Puttaswamy, HOD, Asso. Prof in Mathematics
Dr M.L. Anitha, Prof in C S & Engg
Sri. S.M. Bramesh, Asst. Prof in IS & E Engg
Dr. M.N. Veena, Prof. in MCA
Sri. Rudresh Adamani, Asso. Prof. in Mech Engg
Dr. Alure Gowda, Asst. Prof in MBA Dept
Sri. D.M. Srinivas, Asst. Prof in o.E&E Engg
Sri. R. Manjunatha, Asst. Prof in E&C Engg

Inflating Leaders

Office Bearers of ISTE PESCE Student Chapter
2017-18

Chairman Mohamed Adnan Khan VII EE&E
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Vice President Swaroop D G VII AU&E
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Cultural Activities Madhuri.P.M V CS&E
Publicity Akshay Kumar R VII EE&E
Programme Sanjay VII AU&E
Editorial Maunika V EE&E



Social Out Look

Technology Barrier Reduction program
(TBRP)'s summerinternship for rural
High school students

Dr. B S Shivakumara
Coordinator



Venu Gopal M A
Coordinator

Technology Barrier Reduction program is a summer internship for rural high school students sponsored by Foundation for Advancement of Education and Research (FAER) , funded by Zebra Technologies Ltd, India and organized by P.E.S College of Engineering, Mandya. This internship intends to select 30 students from rural high schools from Mandya district and provide them three weeks summer internship. The main objectives of TBRP are to provide exposure of a good institution to students of rural high schools. There are primarily three components of program- To provide a reasonable exposure to language –speaking , reading, writing and watching ; To provide exposure to some aspects of mathematics and science ; To bring familiarity of some gadgets and ways of living in an institution including several normal function like eating in a mess, using libraries, living in a hostel, etc. The students will get some exposure to laboratories, sports facilities and other campus facilities. Our College has been selected to conduct this programme by the FAER in the Year 2012. Sixth time, the TBRP-2018 has been conducted by the college with objective of public service, especially with the intention of serving the disadvantaged group.

Enlightening Disadvantaged Group



TBRP- 2018 was inaugurated by Principal Dr V. Sridhar. Director P.E.T institutions Dr. Ramalingaiah, Faculty Coordinators Dr B S Shivakumara and Mr.M.A.Venugopal were present on the occasion. ISTE chapters and Youth Red Cross wings of PESCE Joined their hands in conducting activities for the internship namely Red cross and Blood donation Awareness programs, and First Aid training programs, Singing, Quiz, Report writing and Essay competitions.

Who Has Seen the Wind

Who has seen the wind?
Neither I nor you:
But when the leaves hang trembling,
The wind is passing through.

Who has seen the wind?
Neither you nor I:
But when the trees bow down their heads,
The wind is passing by.

Harshith Mohan
Vth Sem EE&E

Fabin Jenisha .J
V sem I&PE

A Goal without a plan is just a wish.

Free software

“Free software” means software that respects users' freedom and community. Roughly, it means that the users have the freedom to run, copy, distribute, study, change and improve the software. Thus, “free software” is a matter of liberty, not price. To understand the concept, you should think of “free” as in “free speech,” not as in “free beer”. We sometimes call it “libre software,” borrowing the French or Spanish word for “free” as in freedom, to show we do not mean the software is gratis.

We campaign for these freedoms because everyone deserves them. With these freedoms, the users (both individually and collectively) control the program and what it does for them. When users don't control the program, we call it a “nonfree” or “proprietary” program. The nonfree program controls the users, and the developer controls the program; this makes the program an instrument of unjust power.

Varsha G.S.
V sem IS&E

The Effects of Hardware Developments on CAM

The key change in computer hardware has been the move from single-processor computers to multi-processor equipment.

1. Benefits of Multiple Processors

There are two main benefits from multi-processor computer .background processing andparallel processing (also called multi-threading). Background processing allows the user to prepare, simulate or edit one toolpath in the foreground, while simultaneously calculating other toolpaths in the background..With parallel processing, the computer can perform different parts of a single complex calculation at the same time by dividing the processing of this operation over all of the processors.

2. Coping with Complexity

There are, of course, obvious benefits in being able to reduce calculation times and waiting times. These benefits are most mportant for companies that are using the latest generation of highly-sophisticated machine tools, like five-axis machines and mill-turn equipment.

3. Stock Models

Another intensive computation involves the production of stock models (models of the material still remaining on the part) during the machining process. The models can be used by the system to ensure that the cutter is never asked to remove more material than it can safely cut. At the same time, they also ensure that toolpaths are not produced where there is no material remaining, so any time spent cutting air is minimized.

4. Simulation

As mentioned previously, background processing allows simulations to be undertaken simultaneously with other calculations. This aspect of programming has also benefited from the better quality of the graphics that can be provided in the latest computer hardware. These improvements have made it possible for software developers to generate accurate, three-dimensional models of a wide range of machine tools and to then simulate the complete machining process

Digital manufacturing is the use of an integrated, computer-based system comprised of simulation, 3D visualization, analytics and collaboration tools to create product and manufacturing process definitions simultaneously. The goal of digital manufacturing is to provide manufacturers with better insight at critical decision points to avoid costly errors, gain efficiencies and be able to respond to customer and market demands in a more agile manner. Data analytics can help designers to get better insight into factory floor challenges their designs may pose. It can also help companies disseminate engineering change notifications with greater efficiency than is typical today and change products in response to market opportunities with a greater awareness of the supply chain issues such changes pose. The Real-time performance visualization can help optimize factory operations and increase production rates while also improving product quality.

Sachin N.K.
Asst. Prof in I&P
Engg

Machine learning can help banks rate credit risk

With machine learning, banks and financial institutions are increasingly able to implement more science and less guesswork. Major financial institutions have been using AI to detect and prevent fraudulent transactions for several years.

For example, in 2017 JPMorgan Chase introduced COiN, a contract intelligence platform that, using machine learning, can review 12,000 annual commercial credit agreements in seconds. It would take staff around 360,000 hours per year to analyse the same amount. AI-based scoring models combine customers' credit history and the power of big data, using a wider range of sources to improve credit decisions and often yielding better insights than a human analyst. Banks can analyse larger volumes of data – both financial and non-financial – by continuously running different combinations of variables and learning from that data to predict variable interactions.

Bhavya B.M
Asst. Prof in MCA

ಮುಂದಿನ ಪೀಳಿಗೆಯಲ್ಲಿ ಮಕ್ಕಳು A.B.C.D ಕಲಿಯುವುದು

A_ Android, B_ Bluetooth, C_ Chating, D_ Download, E_ Email
F_ Facebook, G_ Google, H_ Hotspot, I_ Instagram, J_ Java
K_ Kingston, L_ Laptop, M_ Message, N_ Nokia, O_ online
P_ Print, Q_ Quikr, R_ Ram, S_ Skype, T_ Twitter, U_ USB
V_ Virus, W_ Wi Fi, X_ xender, Y_ Youtube, And
Z_ Zero Marks In Exam...

Trend 1: The increasing datafication of our lives: From chatting to friends in a messaging app or buying a coffee, to tapping in and out with an Oyster card or streaming music, today almost everything we do leaves a trail of data breadcrumbs. And this increasing datafication of our world has led to an unprecedented explosion in data. Just in the average minute, Facebook receives 900,000 logins, more than 450,000 Tweets are posted, and 156 million emails and 15 million texts are sent.

Trend 2: The Internet of Things (IoT) and how everyday devices are becoming more smart': The IoT – which encompasses smart, connected products like smart phones and smart watches – is a major contributing factor in this exponential increase in data. That's because all these smart devices are constantly gathering data, connecting to other devices and sharing that data – all without human intervention.

Trend 3: Exponential growth in computing power is fueling massive tech advances: None of this incredible growth in data, nor the billions of IoT devices available, would be possible without the enormous leaps in computing power that we've made. Between 1975 and 2015, computing power doubled at a rate of every two years, before slowing to the current rate of approximately every two and a half years.

Sowmya shree K.M
Asst. Prof in MCA

“Srujana- 2K18” A State level Paper Presentation contest



A State level Paper Presentation contest “Srujana- 2K18” has been organized at the college on the theme “Role of the engineers in the development of the country” with sub themes “Digital India”, “Swachh Bharath” and “Disaster management”. Principal Dr.V.Sridhar and Vice principal Dr.H.V.Ravindra inaugurated the contest. 75 students from various colleges of the state presented 39 technical papers. Dr.B.S.Shivakumara, Chairman, ISTE Chapter distributed the prizes to the 10 winners and participation certificates to the participants of the contest. Secretary Sri.M.Shankare Gowda was present on the occasion. The winners of the contest are as follows.

1st prize: Mohamed Rayan

2nd prize: Divyashree and team

3rd prize: Nikitha and team

Theme based: Shiva Murthy and team

Sub theme based: Kavya and team

Sub theme based: Sammith BS and Sanjay N.S

Sub theme based: Sanchita and team

Sub theme based: Yashwanth and team

Innovative Paper: Vinod and team

Innovative Paper: Rafi and team

Glittering of Golden Ideas

Winners of the Technical Projects Exhibition (Held on 20/10)

Prize	Title of the Project	Name(s) of the Student	Name of the Guide
B.E (Aeronautical)	I Synthesis and comparative study of hydrogen powered IC engine & design of the supply system	Sudhakar, M. (Assistant Professor), Srinivas, D.V. T.N.M.	Dr. H. H. Shivraj
	II Fabrication of water meter, tracking of water flow, water metering, U-connection meter	Vijay P. Kishan, S. (I.C.E) M. Anurag, S.R.	Dr. H. H. Shivraj
B.E (Civil)	I Rural waste water environmental and conservative system	Sharsha A.C Sahana K.G Niran S.R. Shlokiner M.L. Ravindra	Dr. J. Prabhakar Gowda
	II Estimation of reserve capacity using GIS and imagine	Chandana N.P Deepak N.M Mohan Kumar S Devaraj, S.D Dhanraj A.	Dr. H. H. Shivraj
B.E (IT)	I IoT based energy efficient security system	Srinivas, S. (I.T)	Dr. S. Rajesh
B.E (ELECT)	II Microcontroller based motor speed control	Srinivas M	Dr. S. Rajesh
	I Hybrid motor drive using BLDC	Karthik A. Srinivas M Srinivas M Srinivas M Srinivas M Srinivas M Srinivas M	Dr. S. Rajesh
B.E (IT)	I Data mining based intrusion detection using big data	Srinivas, S. (I.T)	Dr. S. Rajesh
B.E (ECE)	I Design and implementation of a digital controller for a closed loop system	Harish Gowda S.P. Kishan S. Srinivas Kumar S.P. Srinivas Srinivas Gowda	Dr. S. Rajesh
B.E (ELECT)	C Virtual speed control and speed control of motor using haptic gesture	AKATHAYA HUNARI Maha Varsha P Ananya Sridhar Srinivas P Srinivas P Srinivas P Srinivas P Srinivas P	Dr. S. Rajesh
	I Design and implementation of a digital controller for a closed loop system	Harish Gowda S.P. Kishan S. Srinivas Kumar S.P. Srinivas Srinivas Gowda	Dr. S. Rajesh
B.E (IS&C)	C State detection for fake news identification using machine learning	Harish Gowda S.P. Kishan S. Srinivas Kumar S.P. Srinivas Srinivas Gowda	Dr. S. Rajesh
	I State detection for fake news identification using machine learning	Harish Gowda S.P. Kishan S. Srinivas Kumar S.P. Srinivas Srinivas Gowda	Dr. S. Rajesh
B.E (Mechanical)	I Fabrication of a water meter, tracking of water flow, water metering, U-connection meter	Vijay P. Kishan, S. (I.C.E) M. Anurag, S.R.	Dr. H. H. Shivraj
	II Estimation of reserve capacity using GIS and imagine	Chandana N.P Deepak N.M Mohan Kumar S Devaraj, S.D Dhanraj A.	Dr. H. H. Shivraj
M.Tech	I Flexible and extensible framework for applications development	Srinivas, S.	Dr. H. H. Shivraj
	II Deep learning	Srinivas, S.	Dr. S. Rajesh

Achiever of The College

Congratulation to the Ph.D Awardee



Dr Mahesh Gowda N M, Assistant Professor, of Dept. of Electronics & Communication Engineering has been awarded PhD from, University of Mysuru, Mysuru in the month of 27th September 2017. The topic of the research is "Optimal Design of Controlling DC-DC Switching Power Converter" under the guidance of Dr.S.S.Parthasarathy, Professor, Dept. of Electrical and Electronics, PESCE, Mandya

Colours is more

Album of Activities

They are Studious as well as Adventurous



Trek to Thadiyandamol, Coorg

15/10/2017

Good Start is Half Finished



Inaugural Function

03/02/2018

Hunting of Mental Treasure



Quiz Competition

16/02/2018

Melodies Forever



Singing Competition

22/02/2018

Bliss of Nature



Trekking to Kumaraparvatha

25/02/2018

When Thoughts Starts Flowing Out



Essay Competition

27/02/2018

Colourful here

Album of Activities

A Day with Young Talents



School Visit

21/03/2018

Towards Clean Mandya / India



Swacch Bharath Abhiyaan

25/03/2018

Oozing out of Delightful Ideas



Srujana 2K18

30/04/2018

Royal Saulte to Novel Sense



Srujana 2K18

30/04/2018

Opening the Door of Renovation



Technical Project Exhibition

11/06/2018-12/06/2018

Piece of Mind to Peace of Mind

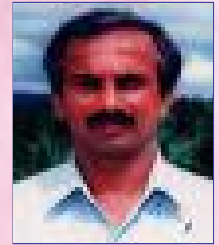


Yoga Day

21/06/2018



Youth Red Cross Wing Shaking Hand with ISTE Chapter *we are Together*



Dr B. S. Shivakumara

P.E.S College of Engineering, Mandya

Dr. B. Shanmukha

The Red Cross is an international humanitarian service organization dedicated to the cause of suffering humanity both in times of war and peace since 8 decades. The fundamental principles of it are Humanity, Impartiality, Neutrality, Independence, Voluntary service, unity & Universality. The Indian Red Cross society was established in 1920. The Youth Red Cross Wing is the student wing of Indian Red Cross society and is fulfilling its objectives by conducting activities related to Health, National integrations, Emergency relief work, Drug abuse, communal harmony, Blood donation and grouping, Women welfare etc. In short, the essence of the organization is "Seva paramo Dharmaha" or "Service is our motto". Philanthropist and noble man Chairman PET@, Dr.H.D.Chowdaiah, inaugurated the Youth Red Cross Wing of the P.E.S college of Engineering on 3rd September 2012 and kindled the spark of service mindness amongst the students in the Golden jubilee year.

This year, the college Youth Red Cross wing has organized "2 Trekking programmes at Thadiyandamol and Kumara parvatha hills" "First Aid training" and Awareness on "Activities of Red Cross and Blood donation" programmes. 2 quiz competitions related to the topics "Red Cross and Blood donation", Essay competition on the subject "Volunteerism as a force for positive change in human behavior", Debate competition on the topic "Is technology rising unemployment rates?", Impromptu speech competition and Patriotic & Light music songs singing competitions were also conducted. 2 Voluntary Blood donation (Collected 356 units of blood) & Grouping camps were organized.

A State level Paper Presentation contest "Srujana- 2K18" has been organized at the college on the theme "Role of the engineers in the development of the country" with the subthemes "Digital India", "Swachh Bharath" and Disaster management". Swachh Bharath Abhiyaan was carried out at the Siddayana koppal, Mandya District. Smt.Meera Shivalingaiah, Chairman, Indian Red Cross Society, Mandya District Branch spoke on the significance of Youth Red cross in today's world and honored the outstanding members by presenting "Best service Award".

Our Pupil are Philanthropic

Patting for Good Deeds

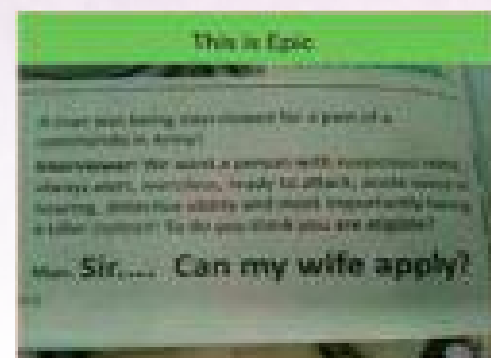
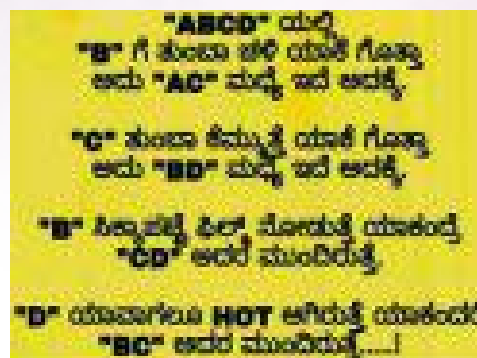
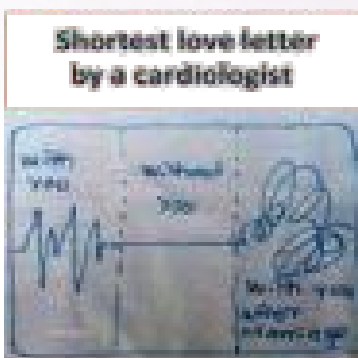


Inauguration of Blood Donation Camp



Presentation of YRC Best Service Award

Laughter is the Best Medicine



Happiness is not something you postpone to future; it is something you design for the present.

Cracking the Tracking of the Activities

Secretary's Report

ISTE CHAPTER(S)

P.E.S College of Engineering, Mandya

Highlights of the Activities during the Year 2017-18



Sri. M. Shankare Gowda
Secretary

This year, our Chapter chairman Dr. B.S.Shivakumara has been honored by presenting the "ISTE stripes of Redeemer National award for the Best ISTE chapter chairman (Engineering college) - 2017 at 47th ISTE National Annual Faculty convention held at Saintgits college of Engineering, Kottayam, Kerala. Our ISTE Faculty chapter was also honored as "BEST ISTE FACULTY CHAPTER of Karnataka section" at 47th ISTE State level Faculty convention held at Saintgits college of Engineering, Kottayam, Kerala. A State level Paper Presentation contest "Srujana- 2K18" has been organized at the college on the theme "Role of the engineers in the development of the country" with the subthemes "Digital India", "Swachh Bharath" and "Disaster management". Swachh Bharath Abhiyaan was carried out at the Siddayana koppal, Mandya District.

Report of Overall Activities of the Year 2017-18

Date	Activities	Participants /Beneficiaries
12.08.17	Dr.H.D.Chowdaiah, Chaiman, P.E.T® released the new volume of the News bulletin "Eureka". Dr.Rangaraj M.Rangayyan, Professor, University of Calgary, Canada, Mr.K.S.Raju, Chairman, Nagarajuna group, Principal Dr.V.Sridhar, Vice Principal Dr.H.V.Ravindra, Chapter chairman Dr.B.S.Shivakumara, Secretary Sri.M.Shan are gowda and Staff editor of the Eureka Dr.M.N.Veena, executive committee members and students were present on the occasion.	37 Faculty & Students
12.08.17	Dr.H.D.Chowdaiah, Chaiman presented medals to the subject toppers of "Surveying" and "Works tudy & Ergonomics". Dr.Rangaraj M.Rangayyan, Professor at University of Calgary, Canada, Mr.K.S.Raju Chairman, Nagarajuna group, Principal Dr.V.Sridhar, Vice Principal Dr.H.V.Ravindra, Chapter chairman Dr.B.S.Shivakumara, Secretary Sri.M.Shankare gowda, Dr.M.N.Veena, executive committee members and students were graced on the occasion.	02 Students
12.08.17	Presented the 13 ISTE endowment medals to the toppers in the respective branches and subjects and streams at the 8 th Graduation day. Dr.H.D.Chowdaiah, Chaiman, P.E.T®, Dr.Rangaraj M.Rangayyan, Professor at University of Calgary, Canada, Mr.K.S.Raju, Chairman, Nagarajuna group, Principal Dr.V.Sridhar and Vice Principal Dr.H.V.Ravindra Presented the medals.	700 Students, Faculty & Parents
16.08.17	Distributed the News letter "Eureka" of the chapters at the orientation programme of the 1 st year. Dr.H.D. Chowdaiah, Chaiman, P.E.T, Distinguished alumni Mr.Girish Shivanna, Principal Dr.V.Sridhar, Vice Principal Dr. H.V. Ravindra, office bearers of the Chapters, students and parents were present.	1050 parents and students
18.08.17	ISTE Chapter chairman Dr.B.S.Shivakumara, Secretary Prof.M.Shankare Gowda and Prof.D.M.Srinivas guided the office bearers of the student chapter about the planning and implementation of the activities of the chapters.	26 Office bearers
10.10.17	Voluntary Blood donation camp was organized at P.E.S College of Engineering, Mandya. 210 units of blood were collected. Professor Dr.K.Narasimhachary and Smt. Meera Shivalinagaiah, Chairman, Indian Red Cross Society, Mandya District Branch inaugurated and motivated the students for donations.	210 student donors
10.10.17	232 Blood groupings were done at P.E.S College of Engineering, Mandya	232 Students
15.10.17	Trekking camp was organized at Thadiyandamol, Coorg, Karnataka under the guidance of Trekking experts.	50 Students & 2 Faculty
09.12.17	Chapter chairman Dr.B.S.Shivakumara, Secretary Sri. M.Shankare gowda, Dr. Alure gowda and Sri. M.A.Venugopal were Participated at 20 th ISTE State level faculty convention held at Dayananda sagar college of Engineering, Bangalore	04 Faculty
09.12.17	Chapter chairman Dr.B.S.Shivakumara, Secretary Sri. M.Shankare gowda, Dr. Alure gowda and Sri. M.A.Venugopal were attended 28 th Dr.L.S Chandrakanth memorial lecture on "Challenges and issues of Outcome based education(OBE)" held at Dayananda sagar college of Engineering, Bangalore.	04 Faculty
09.12.17	President of the ISTE Student chapter Mr.Mohammed Adnan Khan has been awarded the "Best Student of the Chapter award" at the ISTE state Annual Faculty convention held at Dayananda sagar college of Engineering, Bangalore.	01 Student
27.01.18	Chapter chairman Dr. B.S.Shivakumara has been honored by presenting the "ISTE stripes of Redeemer National award for the Best ISTE chapter chairman (Engineering college) - 2017". Dr.B.S.Shivakumara has received the award at 47 th ISTE National Annual Faculty convention held at Saintgits college of Engineering, Kottayam, Kerala.	01 Faculty
27.01.18	ISTE Faculty chapter has also honored as "BEST ISTE FACULTY CHAPTER of Karnataka section". Chapter chairman Dr.B.S.Shivakumara, Secretary Sri. M.Shankare gowda, Dr. Alure gowda, Dr.H.M.Nanjunda swamy, Dr.H.J.Puttabasavegowda Sri. M.A.Venugopal and Dr.K.N.Umesh have received the award at 47 th ISTE State level Faculty convention held at Saintgits college of Engineering, Kottayam, Kerala.	07 Faculty

Put your heart, mind, and soul into every smallest act. This is the secret of success.









27.01.18 To 29.01.18	Dr.B.S.Shivakumara, Secretary Sri. M.Shankare gowda, Dr. Alure gowda, Dr.H.M.Nanjunda swamy, Dr.H.J.Puttabasavegowda Sri. M.A.Venugopal and Dr.K.N.Umesh have registered and attended the 47 th ISTE State level Faculty convention held at Saintgits college of Engineering, Kottayam, Kerala.	07 Faculty
27.01.18 To 29.01.18	Dr.B.S.Shivakumara, Secretary Sri. M.Shankare gowda, Dr. Alure gowda, Dr.H.M.Nanjunda swamy, Dr.H.J.Puttabasavegowda, Sri. M.A.Venugopal and Dr.K.N.Umesh have participated at the discussions on the theme "Transform Student Engineers to Practicing Professionals" held at Saintgits college of Engineering, Kottayam, Kerala. They updated their knowledge about the "Innovative Teaching-Learning Practice", "Engineering Skills for Industry", "Rediscovering Education for Energy, Environment and Sustainability", "Adapting Intelligent Systems for Man, Machine Synergy (MMS)", "Student Leadership development in teams and organizations" and Quality Assurance in Technical Education".	07 Faculty
06.02.18	Impromptu speech competition was organized.	25 students
16.02.18	A Quiz competition on "General Knowledge" was organized	37 Students
22.02.18	Film and Classical songs singing competitions were organized.	242 students
25.02.18	Trekking camp was organized at Kumara parvatha hills, Coorg, Karnataka under the guidance of Trekking experts.	50 Students & 1 Faculty
27.02.18	An Essay competition on " Volunteerism as a force for positive change in human behavior "was organized	52 students
21.03.18	Student chapter president Md.Adnan khan, Secretary B.S.Sammith, Bhavana and Karthik visited Chandupura High school. Crated awareness about "Time management". Conducted quiz about "General knowledge" and other entertainment games. Distributed the prizes to the winners.	65 students
25.03.18	Swachh Bharath Abhiyaan was carried out at the Siddayana koppal, Mandya District. Program has succeeded in creating awareness about the cleanliness and its benefits among the students and villagers. It is also conveyed the message of "Harm caused by plastic".	35 students and 45 villagers
27.03.18	A Debate competition on "Is technology rising unemployment rates?" was organized	26 students
10.04.18	Voluntary Blood Donation Camp was organized at P.E.S College of Engineering, Mandya. 146 units of blood were collected. Smt. Meera Shivalingaiah, Chairman, Indian Red Cross Society, Mandya District Branch inaugurated and motivated the students for donations.	146 Student Donors
10.04.18	197 Blood groupings were done at P.E.S College of Engineering, Mandya.	31 Students
18.04.18	Singing Competitions were organized for the high school students of the summer camp organized at P.E.S College of Engineering, Mandya campus.	197 Students
27.04.18	Essay competition was organized on the topic "Exposing the secret of Miracles" for the high school students of the summer camp (organized at P.E.S College of Engineering).	29 Students
30.04.18	A State level Paper Presentation contest "Srujana- 2K18" has been organized at the college on the theme "Role of the engineers in the development of the country". "Digital India", "Swachh bharath" and Disaster management" were the sub themes. Principal Dr.V.Sridhar and Vice principal Dr.H.V.Ravindra inaugurated the contest. 75 students from various colleges of the state presented 39 technical papers.	75 students
30.04.18	Prize distribution function of State level Paper Presentation contest "Srujana- 2K18" was conducted at the college. Dr.B.S.Shivakumara, Chairman, ISTE Chapter distributed the prizes to the 10 winners and participation certificates to the participants of the contest. Secretary Sri.M.Shankare gowda was present on the occasion.	75 students
01.05.18	Chapters celebrated "ISTE day". Mr.S.B.Devaraju. Executive council member, ISTE was participated as guest of honor. Smt.Meera shivalingaiah, Chairman, Indian Red Cross Society, Mandya District branch was also participated as guest of honor	55 Students & Faculty
01.05.18	Smt.Meera shivalingaiah, Chairman, Indian Red Cross Society, Mandya District branch honored the outstanding student members of the chapter by presenting "ISTE Merit Award" for their best services on the occasion of "ISTE Day".	08 Students
01.05.18	Mr.S.B.Devaraju, Executive council member, ISTE distributed the prizes to the winners of "Essay competition", "Impromptu speech", "Singing competitions", "Debate competition" and "Quiz competition".	55 Students & Faculty
01.05.18	Prizes were distributed for the winners of Essay competition and Report writing competitions organized for the high school students of the summer camp (organized at P.E.S College of Engineering).	11High school Students
04.05.18	Prizes were distributed to the winners of singing competitions organized for the high school students of the summer camp (organized at P.E.S College of Engineering) at the valedictory function of the summer camp.	06 High school Students
21.06.18	Celebrated the "International Yoga day" at the college premises. Principal Dr.V.Sridhar and Retired Professor S.Pappanna inaugurated the celebrations at by lighting the lamp. Chairman , ISTE Faculty chapter Dr.B.S.Shivakumara, Secretary Sri. M.Shanakare gowda, Professor M.N.Veena, Prof.D.M.Srinivas, Prof.Ningaraju and AAO Mr.Basavaraj were graced the occasion. Mr.Ullas Assistant Professor and Yoga expert demonstrated the various "Asanas" of the Yoga. He also narrated the significance and benefits of each "Asanas". Students and Staff of the college and even publics performed the "Yogasanas".	40 Students, Faculty and Publics

Honoring the Merit

ISTE Endowment Awards - 2018 Winners

 PRAMOD S 4PS14ME072 Mechanical Engineering Endowment Medal Smt. T.H. Mala Srinivasan & Dr. K.S. Srinivasan Endowment medal CGPA: 9.2 Name & Address of Donor Dr. K.S. Srinivasan, Bangalore	 SWAROOP D.G 4PS14AU022 Automobile Engineering Endowment Medal Dr. K.P. Srinivasa Shetty Endowment Medal CGPA: 8.5 Name & Address of Donor Dr. K.P. Srinivasa ShettyBangalore	 NANDITHA V G 4PS14CV068 Civil Engineering Endowment Medal Smt. Nagamma & N.T. Cheluvegowda Endowment medal CGPA: 9.57 Name & Address of Donor Dr. K.P. Srinivasa ShettyBangalore	 PRAVEEN KUMAR B N 4PS14CS068 Computer Science & Engineering Endowment Medal Sri. Puttaswamy Endowment medal CGPA: 8.96 Name & Address of Donor Dr. P. SureshMysore 9980823911	 LOKESH BHARANI T 4PS15IP403 Industrial & Production Engineering Endowment Medal Sri. M.K. Ramaiah Endowment medal CGPA: 8.34 Name & Address of Donor Sri. M.K. Ramaiah Mandya
 VARSHITHA B N 4PS14IS022 Information Science & Engineering Endowment Medal Sri. Puttaswamy Endowment medal CGPA: 8.76 Name & Address of Donor Dr. P. Suresh,Mysore 9980823911	 SAHANA JAIN M P 4PS14EE032 Electrical & Electronics Engineering Endowment Medal Sri. Mulemanchana Boregowda Endowment medal CGPA: 9.4 Name & Address of Donor Prof. K.B. Boraiah, Mandya 9448383012	 NANDITHA V G 4PS014EC015 Electronics & Communication Engineering Endowment Medal Sri. Samartha Endowment medal CGPA: 9.26 Name & Address of Donor Sri. Samartha, Bangalore	 NANDITHA V G 4PS014EC015 Electronics & Communication Engineering Lady Topper In Electronics & Endowment Medal Sri. Samartha Endowment medal CGPA: 9.26 Name & Address of Donor Sri. Samartha, Bangalore	 PRAMOD S 4PS14ME072 Overall Topper In Mechanical Engg. Science Endowment Medal Dr. K.P. Srinivasa Shetty Endowment medal CGPA: 9.2 Name & Address of Donor Dr. K.P. Srinivasa Shetty, Bangalore
 NANDITHA V G 4PS14CV068 Overall Topper In Civil Engg. Science Endowment Medal Sri. Chandrashekar Endowment medal CGPA: 9.57 Name & Address of Donor Sri Prakashan	 PRAVEEN KUMAR B N 4PS14CS068 Overall Topper In Computer Science & Engineering Endowment Medal Late P. Srinivasaiah Endowment medal CGPA: 8.96 Name & Address of Donor Dr. Murali S, 2320,Sarvajana road, Kuvempunagar Mysore	 SUHASGOWDA C 4PS14CV115 Topper in Engineering Mathematics Endowment Medal Sri Annagahally Thammaiah Shetty Endowment medal CGPA: 385/400 Name & Address of Donor Dr E.T. Eshwara	 SHALINI S R 4PS15IP027 Topper in Work Study & Ergonomics of B.E (I&P Engineering) Endowment Medal Sri B.L. Sathyanarayana Endowment medal CGPA: 94/100 Name & Address of Donor Dr. B S Shivakumara	 VARUNPRASAD M P 4PS17CV425 Overall Topper In Surveying Endowment Medal Late Honnegowda memorial Endowment medal CGPA: 189/200 Name & Address of Donor Sri Shankre Gowda

Dr. H.D. Chowdaiah Merit Awards - 2018 Winners

 SANDESH M USN:4PS16MCM03 CGPA : 9.64 M.Tech (Computer Integrated Manufacturing)	 VAGDEVI 4PS16MMD12 CGPA : 9.1 M.Tech (Machine Design)	 ARUNKUMAR G N 4PS16CCS03 CGPA : 9.76 M.Tech (CAD of Structures)	 SAHANA D GOWDA 4PS16SCS08 CGPA : 9.34 M.Tech (Computer Science and Engineering)
 GAYANA J KUMAR 4PS16SCS01 CGPA : 9.34 M.Tech (Computer Engineering)	 DIVYA M 4PS16LVS03 CGPA : 9.5 M.Tech (VLSI Design and Embedded Systems)	 LAVANYA R 4PS16MBA23 CGPA : 8.89 MBA	 DARSHAN KUMAR G B 4PS15MCA05 CGPA : 9.1 MCA



Dr. MADHUSUDHAN GOVINDARAJU

Profesoor & Director of Graduate Admisssions
Department of Computer Science
Binghamton University [SUNY], New York, USA

Prof. Madhusudhan Govindaraju is Professor and Director of Graduate Admissions in the Department of Computer Science at Binghamton University, State University of New York (SUNY), New York, USA. He completed his M.S and Ph.D. from Indiana University, Bloomington, USA, in 1998 and 2002 respectively.

His research interests are in the areas of Cloud and Big Data, Distributed Systems, Middle-ware technologies, and Web Services. He has published over 80 top venue publications in these areas. He has graduated 8 Ph.D. students and supervised the projects of over 50 MS students. He is currently the Ph.D. advisor of 4 students. He received the Chancellor's award for Teaching in 2009, Chancellor's award for Faculty Service in 2017, and the IBM Faculty Award in 2015 and 2017.

He has organized workshops Foundations of Big Data, served as Vice-Chair for conference tracks, and has been a regular program committee member in several top conferences in Services, Big Data, Grid, Cluster, and Cloud Computing.



Dr. M. S. SHIVAKUMAR

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Prof. M.S Shiva Kumar Comes from the Kodagu District of Karnataka, India. He first graduated in Engineering from the former Karnataka Regional Engineering College (KREC), Surathkal, (now knownas National Institute of Technology- NITK,Surathkal), before pursuing an M.Tech. in ECE from he Indian Institute of Technology, Madras in the year 1979. He holds a PhD from the Indian Institute of Science, Bangalore. He began his career in academia nearly four decades ago, as faculty at the College of Engineering, Mandya, before being selected as Professor and Head of the Department of CSE at The National Institute of Engineering, Mysore.

He then held the position of Principal and Chief Executive Officer of NIE, Mysore, before serving as the Registrar of the Visvesvaraya Technological University, Belgaum. Before joining CMR University as Vice Chancellor in June 2017, He was also principal of Atria Institute of Technology, Bangalore and Professor of CSE at Vidyavardhaka College of Engineering, Mysore

He has published over thirty Technical Paper Publications in peer reviewed International/National Journals and Conferences. He holds several professional memberships and fellowships including hose from the Computer Society of India (CSI), Indian Society for Technical Education (ISTE) and the Institution of Engineers (India) (IEI). Professor Shivakumar's numerous excellent contributions in his field have also received several renowned accolades, including the Bharatha Rathna Sir M.Visvesvaraya National Parisara Rathna Award.

Proud Alumni-(1985-89 Batch) : Prof. Malini Best Women Engineering College Teacher



Prof. Malini K V, HOD, EEE – Conferred the NATIONAL AWARD of “SHAYESTA AKHTAR MEMORIAL NATIONAL AWARD for BEST WOMEN ENGINEERING COLLEGE TEACHER” at 47th ISTE National Annual Convention, Saintgits College of Engineering, Kottayam on 27th January 2018

It is proud and honour to Note that her Project Student received best student project award from ISTE New Delhi for the year-2017 for the project "Tap-Me(Tyre pressure monitoring system and evaluation)" by team Ms.Saipriya and Ms.Kavya 7th semester EE&E Dept.

Gazing the Depth of Innovation

