

Golden valley Educational Trust  
DR.T.THIMMAIAH INSTITUTE OF TECHNOLOGY  
(Affiliated to visvesvaraya technological university)  
Oorgaum, KGF -563120

## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CEDGE NewsLetter 2017-2018**

### **PRESIDENT MESSAGES**

I am quite happy to know the release of second edition of CEDGE News. Since our education program has to give more emphasis on the overall development, I would like our students to involve more activity in co-curricular activities along with their academics. Hope this newsletter has portrayed all activities, and I wish all students very best and extent our full cooperation and support for the rest of your stay with us.

### **FROM PRINCIPAL DESK**

I congratulate the editorial team for the timely release of its first edition of annual news letter. I am happy that our faculty are focused not only on the best academic outcome but also supporting to focus more on co curricular activities. The regular release of these newsletters will encourage more participation from our students.

### **ABOUT THE DEPARTMENT**

The department endorses dynamic Industry-Institute collaboration by identifying areas of Interest. Department is associated with

TCS and CISCO for placement training and certification courses beyond the syllabus respectively. Through the TCS and CISCO cells, the department successfully placed more than 50 students in various MNC companies such as Wipro, Infosys, Mphasis, IBM India, HP, RetailOn, Codilar, Tech Mahindra and Amazon for every year. With the aim of achieving 100% placement department provides students a platform to attain their career goal.

The department started an Institute Innovation Cell for encouraging the students and faculty members to Plan, implement and execute their own innovative idea. Through the innovative cell the faculty members and students have published more than 200 papers in various international and national journals likely SCI/SCOPUS/IEEE/Springer. The Second edition of CEDGE newsletter gives us a glimpse of our activities for this academic year .

### **AT A GLIMPSE**

- NATIONAL CONFERENCE
- PAPERS PUBLISHED/ PRESENTED
- STUDENTS ACTIVITIES
- WORKSHOP CONDUCTED

## **PATRONS**

**Dr.T.VENKAT VARDHAN**  
PRESIDENT,GVET

**Sri.RAOUL KENGAL VARDHAN**  
VICE PRESIDENT,GVET

**Dr.SYED ARIFF**  
PRINCIPAL

## **CHIEF EDITOR**

**Dr.S.SREEDHAR KUMAR**  
PROFESSOR & HOD

## **EDITORIAL BOARD**

**Mrs.NISHA BAI M**  
ASSISTANT PROFESSOR

## **VISION OF THE DEPARTMENT**

To promote highly Ethical and Innovative Computer Professionals through excellence in teaching, training and research.

## **Program Specific Outcomes (PSO's)**

- PSO1 Professional Skills:** The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexity.
- PSO2 Problem-Solving Skills:** The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.
- PSO3 Successful Career and Entrepreneurship:** The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

## **MISSION OF THE DEPARTMENT**

**M1.**To provide appropriate infrastructure to impart need-based technical education through effective teaching and research

**M2.**To involve the students in collaborative projects on emerging technologies to fulfill the industrial requirements

**M3.**To render value based education to students to take better engineering decision with social consciousness and to meet out the global standards

**M4.**To inculcate leadership skills in students and encourage them to become a globally competent professional

## **Program Education Objectives (PEO's)**

- PEO1** To prepare students to excel in Computer Science and Engineering post graduate programs , to succeed in computing industry profession or successful entrepreneurs through quality education
- PEO2** To provide students an ability to analyze and solve computer science and engineering problems through application of fundamental knowledge of math's, science and engineering.
- PEO3** To train students with good Computer Science and Engineering breadth, so as to comprehend, analyze, design and create innovative computing products and solutions for real life problems.
- PEO4** To inculcate in students professional and ethical attitude, communication skills, teamwork skills, lifelong learning, multidisciplinary approach and an ability to relate computer engineering issues with social awareness.
- PEO5** To equip students with excellent academic environment for a successful carrier as engineers, scientist, technocrats, administrators and entrepreneurs.

The 3rd national conference on “recent Advancements in Engineering Science and Technology (RAEST-2018)” was conducted on 09/05/2018 .the main aim of conference was to provide platform for academicians, students and research scholars to enlighten themselves among the latest developments in engineering science technology

The conference began with welcome speech by Prof.Ruckmani Divakaran, Dean (Academics) Dr TTIT, which was followed by Keynote address on IOT and its Technology was presented by Dr.CN Narayana Swamy,Jain university ,which was followed by Presidential Speech by Dr.Syed Arif ,principal ,and vote of thanks was rendered by Dr.H.G Shenoy, vice Principal. The conference was chaired by Dr GM Nisara, Head and Asst .Professor, Dept of Computer Application, Tirupur and Dr CN Narayana Swamy Jain University.



Participants of RAEST-2018

## Papers published/Presented

1. Prof. SyedaTasmiyaPublished a paper entitled "Detection and analysis of symptomatic patters in audio bio-logical signals at low power consumption and optimized area" in International Journal of Engineering and Technology7(2.33) (2018) 839-842.
2. Prof.Sophia S,Published a paper entitled "Flood Alerting System Through Water Level Meter" in IRJET Vol 5 issue 3 mar 2018.
3. Prof.Sophia S,Published a paper entitled "Image Processing Technique for Automatic Control of Power Supply In Class Room" in IJEECS,ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018.
4. Prof.SophiaS,Published a paper entitled"Progaurd An efficient system to detect malicious accounts in social network based online promotions", in IJEECS,ISSN : 2347-2820, Volume -6, Issue-1\_2, 2018.
5. Prof.SudhaV,Published a paper entitled "A Security System for Detecting Ship Intrusion Using Image Processing & SVM, (IJEECS) ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018.
6. Prof.SudhaV,Publisheda paper entitled "Detection of Ranking Fraud for Mobile Applications", (IJEECS), ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018.
7. Prof.SudhaV,Publisheda paper entitled "Internet of Things on Research", (IJEECS), ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018
8. Prof.Sudha V,Published a paper entitled "Smart Sensor Networks Data Evaluation Using Inverse Methods and Artificial Intelligence", (IJEECS), ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018.
9. Prof.Sudha V,Published a paper entitled "Survey on Patient Health Monitoring System Using IOT & Arduino", (IJEECS), ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018.
10. Prof.Revathi S, Published a paper entitled "A survey on different techniques for Black Money Deduction", (IJEECS), ISSN (Online): 2347-2820, Volume -6, Issue-1\_2, 2018
11. Prof.Revathi S, Published a paper entitled "Machine Learning Algorithm for Smart Energy Management ARIMA Model", IJEECS, ISSN: 2347-2820, Volume -6, Issue-1\_2, 2018
12. Prof.Tharadevi M,Published a paper entitled "Content based and Search based Image Retrieval using Data Mining" in IJCSRD , Volume 2 Issue 3 March 2018
13. Prof.Tharadevi M ,Published a paper entitled "Design of Cluster Algorithm for Dynamic WSN with Optimized Energy paradigm" in IJEECS, ISSN : 2347-2820, Volume -6, Issue-1\_2, 2018

13. Prof. Leelavathy S R, Published paper entitled "Implementation of RSA Algorithm Using Fog Computing" International Journal of Electrical, Electronics and Computer Systems, ISSN (Online): 2347-2820, Volume -6, Issue-1\_2, 2018
14. Prof. Leelavathy S R, Published paper entitled "Lightweight Three-Factor Authentication for Internet-Integrated ", in International Journal of Electrical, Electronics and Computer Systems, ISSN (Online): 2347-2820, Volume -6, Issue-1\_2, 2018
15. Prof. Leelavathy S R, Published paper entitled "RECENT WORM PROPAGATION MODELING", in International Journal of Electrical, Electronics and Computer Systems, ISSN (Online): 2347-2820, Volume -6, Issue-1\_2, 2018 .
3. Valantina, Veda bai, Sukruthi, 6<sup>th</sup> Semester Students presented a paper on "Futurity of Big Data " in RAEST 2018 ,DRTTIT,KGF on 9<sup>th</sup> May and published in IJEECS –UGC Approved ISSN:2347-28202.
4. Likitha V, Roshini R S ,8<sup>th</sup> Semester Students Presented a paper on "Effective Cyber Security Architecture for Disturb ion Management System Using Cyber Security "in NCICCND-2018,GSSS institute of Engineering & Technology for Women, Mysore on 28<sup>th</sup> April.
5. Alisha Erum K, janani G S 8<sup>th</sup> semester Students on "Implementation of Visual Cryptography and OCR Techniques for processing the Enhanced Password Mechanism" in NCICCND-2018,GSSS institute of Engineering & Technology for Women, Mysore on 28<sup>th</sup> April.

#### STUDENTS ACHIEVEMENTS

1. Bhumika.P, Anusha.B, Iswarya.B Anis Rizwan.D, 6<sup>th</sup> semester students presented a paper on "wireless 5g technology "in RAEST 2018 ,DRTTIT,KGF on 9<sup>th</sup> May and published in IJEECS –UGC Approved ISSN:2347-28202.
2. Suma H, Shree Lakshmi J.R,Sindhu M,Shree Ranjani J, 4<sup>th</sup> Semester students presented a paper on "A survey on IOT protocols for end to end connectivity and some of security protocols "in RAEST 2018 ,DRTTIT,KGF on 9<sup>th</sup> May and published in IJEECS –UGC Approved ISSN:2347-28202.

#### WORKSHOP ATTENDED CONDUCTED

1. Conducted workshop on "PHYTHON" Programming by Mr Nagesh ,kayaka computer Education Pvt Ltd,Bangalore on 27<sup>th</sup> April 2018 .
2. Industrial visit to Tata consultancy services for 6<sup>th</sup> semester students headed by Mr.Vijay Kumar and to impart the knowledge about software development life cycle process and agile methodology on 3<sup>rd</sup> April 2018



Visit to TCS

3. Eleven day workshop for scania company employee regarding computer knowledge was conducted by CSE faculty members.



Workshop for scania company by CSE Faculty

4. Faculty Developments programmed anteceded by Mr.Syed Thouheed ahmed & Mr.Manjunath Singh Asst Professor on "Machine Learning application" from Tata Consultancy services contacts at New horizon College of Engg, Bangalore on 20<sup>th</sup> January 2018.
5. Mr.Syed Thouheed ahmed Syed & Mr.Nagaraj S Asst Professors attendee CISCO Certified Academy Instructors (CCAI) Training at Amrita Vishwa Vidyapeetham, Coimbatore from January 22<sup>nd</sup> to Feb 3<sup>rd</sup> 2018.