SRI VENKATESHWARA
COLLEGE OF ENGINEERING
BENGALURU

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

TECHNICAL MAGAZINE

MIND SPARK III

2017-18

Student Editors

Ms. RASHMI A R & Mr. SHREYAS P

DEPARTMENT VISION

Global Excellence with Local relevance in Information Science and Engineering Education, Research and Development.

DEPARTMENT MISSION

M-1: Strive for academic excellence in Information Science and Engineering through student centric innovative teaching-learning process, competent faculty members, efficient assessment and use of ICT.
M-2: Establish Centre for Excellence in various vertical of Information Science and Engineering to promote collaborative research and Industry Institute Interaction through Life Long Learning.
M-3: Transform the engineering aspirants to socially responsible, ethical, technically competent and value added professional or entrepreneur through holistic education.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO-1. Graduates of ISE programme will perform technical and administrative role in the verticals of problem solving, design, analysis, development, visualization and budgeting under information science domain.
PEO-2. Graduates of ISE programme will enhance their professional expertise in quest for better career prospect through lifelong learning.
PEO-3. Graduates of ISE programme will lead and collaborate amid team of diversified professional with good communication skill and ethical values.
PEO-4. Graduate of ISE programme will investigate computing problems and innovate sustainable solutions for the society using modern tools with global perspective and local relevance.

PROGRAMME OUTCOMES (POs)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and l leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES

PSO1 : Quick Learner: Ability to learn and effectively implement the Information Science and Engineering notions in less span of time using modern tools.

PSO2: Envision: Ability to visualize the operations of existing and future software applications.

PROJECT TITLE

A WSN BASED ADVANCED COLD STORAGE SYSTEM USING IOT

ABSTRACT

Cold Chain logistics refers to the storing, vending and transportation of pharmaceutical products, biologics and active ingredients in controlled temperature environment. Here the major focus is the static storage of products. These temperature sensitive items require such environment to the very last stage of the cold chain so that they do not lose their potency and is fit for use or consumption. This applies to both high-risk and low-risk products such as insulins, vaccines and blood products. Temperature and humidity senssors are being used to sense the temperature and humidity of surrounding and also inside the cabinet. The LDR sensor is used to maintain a consistent power supply inside the cabinet. Proximity sensor is used to detect an unauthorized entry inside the cabinet. IR sensor is used to measure the surrounding heat as well as motion. Also they measure infrared radiation.

STUDENT NAME

GUNJAN KUMAR	1VE13IS016
I N SUSHMA	1VE13IS020
VINEETANJALI	1VE13IS048
SHIVASWAMY K M	1VE12IS040

PROJECT TITLE

VOICE BASED ASSISTANCE FOR THE VISUALLY IMPAIRED USING RFID SYSTEM

ABSTRACT

Evolution of technology has always been endeavoured with making daily life simple. With a fast paced life everybody today is harnessing the benefits of technology except some parts of the society. One of them is the visually impaired who have to rely on others for travelling and other activities. This project aims at providing one such theoretical model which incorporates the latest technologies to provide efficient and smart aid to the blind. To provide an efficient and user-friendly navigation tools, a navigation device is developed by using passive radio frequency identification (RFID) which are mounted on the floor. We use Infrared sensors to detect any obstacle along the path. GSM module along with GPS technology is used. And also include temperature and humidity sensor to determine the weather condition. Panic alert system is used during panic situations to send SMS alert to registered mobile numbers. The basic objective of the system is to provide a convenient and easy navigation aid for unsighted which helps in artificial vision by providing information about the environmental scenario of static and dynamic objects around them.

STUDENT NAME

BINDUSHREE T	1VE14IS009
CHANDRIKA J	1VE14IS010
SHREYA N	1VE14IS041

PROJECT TITLE

PREDICTION AND PREVENTION OF CYBER BULLYING USING MACHINE LEARNING

ABSTRACT

Social networking sites are being rapidly increased in recent years, which provide the platform to connect people all over the world and share their interests. Posting links, sharing pictures and videos, creating groups, and creating events are all great ways to extend communication with peers. With the proliferation of the Internet, cyber security is becoming a major concern. While it provides easy, interactive, anytime and anywhere access to the online communities, it also provides an avenue for Cybercrimes like Cyber bullying. Cyber Bullying is abusing individuals or an organization in order to get sensitive information out of them, it is done over a wired or wireless network. It is the hostile behavior by an individual or group, in order to harm others.. Solution to this problem is that cyber bullying is detected in a more efficient way using automated methods and teaching the machine to detect abusive words. Machine learning making a computer learn to decide on its own, by first training it. Our proposed system will be able to detect the pattern of words that are used in sentences to find bullying words. The project uses text classification of Convolutional Neural Network to find the pattern and classify the data as abusive or nonabusive.It uses a dataset to train the model which is called training dataset. To test the model another data set is used called testing dataset. This system helps government or other social welfare organization to identify the cyber bullying activity in social network.

STUDENT NAME

KEERTHI G 1VE14IS018
SAMYUKTHA R 1VE14IS036
SRILAKSHMI V 1VE14IS043
SRINIDHI T S P 1VE14IS044

PROJECT TITLE

PREDICTION AND CLASSIFICATION OF PARKINSON'S DISEASE USING DEEP LEARNING

ABSTRACT

Recently Parkinson's Disease (PD) automatic identification in early stages is one of the most challenging medicine-related tasks to date, since a patient may have a similar behavior to that of a healthy individual at the very early stage of the disease. Therefore, a number of researchers from different domains aim at combining knowledge in order to aid PD diagnosis as early as possible. Due to their emerging use in a number of applications, decision-making techniques based on deep learning might be the most fruitful ones to deal with PD recognition.

Recent advances in Deep Learning (DL) provide an analysis framework that can be used to automatically classify images and objects with human-level accuracy. A key advantage of Deep Learning is its ability to perform unsupervised feature extraction over massive data sets making big data part of the solution not the problem. Deep Learning is rapidly becoming a key tool at many of the top technology companies around the world. So binary classification on Parkinson's disease dataset is considered to be necessary for proper accurate diagnosis of a patient. Deep learning technique can provide more accurate prediction and binary classification than the other classical machine learning classifiers like KNN, SVM etc.

STUDENT NAME

KEERTHANA G	1VE14IS017
MONISHA BEHERA	1VE14IS025
POOJA R BADIGER	1VE14IS028
TEJASHWINI R P	1VE14IS052

PROJECT TITLE

A VOICE CONTROLLED HOME AUTOMATION SYSTEM

ABSTRACT

Many of the technologies currently used in smart homes can be adapted to meet a number of needs. By implementing these technologies in homes one can eliminate the need 1of care and grant independence to those who might struggle with day to day activities or in circumstances of blindness, immobility or any other such disability. This paper aims to discuss home automation systems for the disabled by speech recognition and device control with embedded systems. A concept of machine learning is analyzed which is a method of data analysis that automates analytical model buildings. Machine learning trains computers to perform tasks and provides output without being explicitly programmed. The system uses machine learning methodologies by observing behavior of a person at a particular time, condition, weather and daily routine tasks and then provides output in an effective manner. Ant colony optimization and decision tree algorithm are reviewed for approximate solutions in difficult optimized problems which make system smarter with the terms of accurate decisions and feature selection.

STUDENT NAME

B A POOVANNA	1VE14IS007
SHREYAS P NATHWANI	1VE14IS042
VARUN RAMESH	1VE14IS054

PROJECT TITLE

COCONUT TREE DETECTION USING CONVOLUTIONAL NEURAL NETWORK ALGORITHM FOR MACHINE LEARNING APPROACH

ABSTRACT

Our Primary goal is make the Crops Searchable from Aerial Imagery and identify the Location of the crops with Crop Based Deep learning Models. Deep Learning is a set of machine learning algorithms based on learning multiple levels of representation corresponding to multiple levels of abstraction. The objective is to implement deep learning techniques for tree detection and counting. For this purpose we use high-resolution images. The input is a RGB image. Convolutional Neural Networks (CNN) is considered as one of the most popular methods of deep learning. The convolution neural network (CNN), a widely used deep learning model, that has achieved great performance in many studies in the computer fields. We use the best CNN model to predict the location of the crops. We are designing the sample CNN model for coconut tree detection and counting. We predict the number of trees present in the high-resolution images which are given as input.

STUDENT NAME

SAMRUDHI N SHETTY	**1VE14IS035**
SUSHMA NAIK	**1VE14IS048**
TANUSHREE V	**1VE14IS051**
VARSHINI V	**1VE14IS053**

PROJECT TITLE

IOT HAZARDOUS GAS LEAKAGE DETECTION, STORAGE SYSTEM USING WIRELESS SENSORS AND ALARM SYSTEM FOR ENSURING GOOD HEALTH AND SAFETY

ABSTRACT

Worker's safety and good health is to be ensured at industries (chemical) and factories as they happen to deal with very dangerous, explosive and hazardous gases and Chemicals. At higher risk of uncertain and unpredictable conditions of gas explosion or leakage, it may result in extreme suffocation and death of a person. In the project, smoke sensors (CO2/CO) are fit to detect the hazardous (CO2/CO) gases and display the readings on the monitor. Alarm is set to ring when the leaked gas value reaches the threshold value. We can also track the temperature inside the working room and if the fire accidents/hazards occur, we can accordingly send alert messages to workers via GSM Module. Ultimately in order to keep the surroundings clean and free from poisonous gases, we can pass the leaked gas (mainly Co2 gas) through exhaust pipe (outside the room) into a storage medium contained with lime water (Calcium hydroxide) for gas conversion. Here we will store all the data in cloud database for future reference. Wi-Fi technology is also used to provide high speed internet and network connections. Thus, by providing systematic gas leakage detection and Storage systems, we can necessarily look into that the industry working environment is safe and healthy.

STUDENT NAME

RAVI RANJAN KUMAR 1VE13IS051

RASHMI PRABHULINGAPPA 1VE14IS033

T BHAVYA 1VE14IS050

PROJECT TITLE

USING REVOCABLE STORAGE-IDENTITY BASED ENCRYPTION FOR IMPLEMENTING SECURE DATA SHARING IN CLOUD

ABSTRACT

Cloud computing is the delivery of computing services such as servers, storage, databases, networking, software and many others over the Internet. Cloud computing, over the years, has become widely used medium for sharing of essential data across multiple users. This has greatly facilitated the users in utilizing essential data without having to concern themselves with huge requirements for storage of large amount of such data which would incur excessive hardware and maintenance costs. However, users are often faced with a problem when they aspire to utilize the cloud storage services since it is not optimally feasible to directly outsource the data to the cloud server because of security concerns. Therefore, it becomes essential to place cryptographically enhanced access control over the shared data. This encourages the need to build a sophisticated and realistic data sharing system, that is, Identity-based encryption. In this Identity-based encryption the access control is not static, that is to say, when for a particular user the authorization to access the shared data expires, there exists a mechanism which ensures that the user be removed from the system such that the revoked user is not able to access previously and subsequently shared data. To facilitate this, an approach termed as revocable-storage identity based encryption (RS-IBE) is utilized which strives to ensure the backward/forward confidentiality of the cipher text by implementing the functionality of user revocation and cipher text update simultaneously. Thus, we intend to provide a well defined structure of RS-IBE and prove its efficiency in the described security model.

STUDENT NAME

ASHISH VAID	**1VE14IS005**
GAURAV VERMA	**1VE14IS012**
KSHITIJ SAINI	**1VE14IS021**

PROJECT TITLE

2DCRYPT: IMAGE SCALING AND CROPPING IN ENCRYPTED DOMAINS

ABSTRACT

BIG-DATA computing is a new critical challenge that has sparked major research efforts to reshape ICT industry and scientific computing in the past few years. The rapid advances in ICT technologies, such as computation, communication and storage have resulted in enormous data sets in business, science and society being generated and analyzed to explore the value of those data. Currently, both ICT industry engineers and scientific researchers are dealing with pet bytes of data sets in the cloud computing paradigm. For instance, in industry, Google, Yahoo!, and Amazon collect huge amount of data every day for providing information services freely to people in useful ways. In science, the Large Hadron Collider (LHC) can generate about fifteen pet bytes of data annually, and thousands of scientists around the world need to access and analyze those big data sets. Thus the demand for building a distributed service stack to efficiently distribute, manage and to process massive data sets has risen drastically There are many significant issues in developing Map Reduce applications, such as, designing the effective strategy for data decomposition, load balancing, and exchanging data among a large set of nodes. In particular, for big-data computing, data transmission overhead is a significant factor of the job completion time. For instance, it is shown that the total amount of data transmission time occupies approximately one-third of the jobs' running time in the Hadoop tracing logs of Face book. Here we focus on the big data broadcasting operation that is one of the most essential communication mechanisms in distributed systems

STUDENT NAME

ASHIKA AL 1VE14IS004
RAKSHA 1VE14IS030
SHARAVI GC 1VE14IS038

PROJECT TITLE

ANALYZING SOCIAL MEDIA SENTIMENT FOR E-COMMERCE USING DATA ANALYSIS

ABSTRACT

Social media is becoming a major and popular technological platform that allows users to express personal opinions towards the subject with shared interests, opinion are good for decision making to people would want to know others opinion before taking a decision ,while corporate would like to monitor pulse of people in a social media about their products and services and take appropriate actions.Sentiment analysis provide the comprehension related to public views, as it analyzes different reviews .It is a verified tool for the prediction of many significant events .Public reviews are used to evaluate a certain entity i.e. ,person ,product that might be found on different websites like Amazon and Flipkart. Opinion Mining reviews ,views, emotions and opinions automatically from text, bigdata and speech by means of various methods.Our main theme is to review opinion of customers from online reviews those are posted by customers.

STUDENT NAME

MANJULA S	1VE14IS023
MOUNICA G	1VE14IS026
RASHMI R	1VE14IS032

PROJECT TITLE

SOLAR POWERED MULTI OPERATED AGRICULTURE ROBOT

ABSTRACT

Today's era is marching towards the rapid growth of all sectors including the agricultural sector .To meet the future food demands, the farmers have to implement the new techniques which will not affect the soil texture but will increase the overall crop production. Agricultural Robot is a robot deployed for agricultural purposes. The comparison between the traditional sowing method and the new proposed machine which can perform number of simulations operations. Robots can be used for other horticultural tasks such as pruning, weeding, spraying and monitoring. Robots can also be used in livestock applications such as automatic milking, washing and castrating. This paper deals with the various sowing methods used in India. Robots like these have many benefits for the agricultural industry, incluеding a higher quality of fresh produce, lower production costs, and a smaller need for manual labour.Our robotic vechcle is an agricultural machine of a considerable power. This multipurpose system gives an advanced method to seed sowing, ploughing, watering the crops and leveling with minimum man power and labour making it an efficient vechile.The machine will cultive the farm by considering particular rows and specific colums at fixed distance depending on crop. The whole process calculation, processing, monitoring are designed with motors and interfaced with Thing Speak platform to send the data to cloud.

STUDENT NAME:

ANKISHA SHARMA 1VE14IS003

BABITHA 1VE14IS008

SHAILJA 1VE14IS037

PROJECT TITLE

DEEP IMAGE RETRIEVAL:LEARNING GLOBAL REPRESENTATIONS FOR IMAGE SEARCH

ABSTRACT

A novel approach for instance-level image retrieval. It produces a global and compact fixed length representation for each image by aggregating many region-wise descriptions. In contrast to previous works employing pre trained for the specific task of image retrieval. Our contribution is two fold:1)we leverage a ranking framework to learn convolution and projection weights that are used to build the region features; and 2)we employ a region proposal network to learn which regions should be pooled to form the final global descriptor. We show that using clean training data is key to the success of our approach. To the aim, we use a large scale but noisy landmark dataset and develop an automatic cleaning approach. The proposed architecture produces a global image representation in a single forward pass. Our approach significantly outperforms previous approaches based on global descriptors on standard datasets. It even surpasses most prior works based on costly local descript to indexing and spatial verification.

STUDENT NAME:

VYSHAK C	IVE13IS050
ASHRAY C S	1VE14IS006
MADHAN H A	1VE14IS022
SUNIL KUMAR G	1VE14IS046

PROJECT TITLE:

A REVIEW-BASED SPAM DETECTION NOVEL FRAMEWORK FOR REVIEWS IN ONLINE SOCIAL MEDIA

ABSTRACT:

Now a days, a big part of people rely on available content in social media in their decisions .The possibility that anybody can leave a review provide a golden opportunity for spammers to write spam reviews about products and services for different interests. Identifying these spammers and the spam content is a hot topic of research and although a considerable number of studies have been done recently toward this end, but so far the methodologies put forth still barely detect spam reviews, and none of them show the importance of each extracted feature type. In this study, we propose a novel frame work, named Net Spam, which utilizes spam features for modeling review datasets as heterogeneous s information networks to map spam detection procedure into a classification problem in such networks. Using the importance of spam features help us to obtain better results in terms of different metrics experimented on real world review datasets from yelp and Amazon websites.

STUDENT NAME:

TARUN PODURALLA	1VE12IS027
ABHISHEK KUMAR JAIN	1VE13IS002
MANJUNATH H	1VE14IS024
SUNIL S GAEKWAD	1VE14IS047

PROJECT TITLE:

LIVE DATA ANALYSIS WITH COLLABARATIVE EDGE AND CLOUD PROCESSING

ABSTRACT:

This work addresses the question of to predict major pollutants from motor vehicles/industries from meteorological data in the metropolitan area . Compilations of meteorological data in the many cities are available in Indian government web sites. With the help of the web site data and using data mining prediction technique collaborative filtering this system going to predict the next day data and compare with real data. This fundamental research intends to be a preliminary step in the development of a web based platform to alert the inhabitants of urban areas about the risk to human health, with potential feature application in other urban areas. To make the real time scenario service Orientated web Architecture is used in this system.

STUDENT NAME:

AKSHAY SV	1VE13IS004
CHETHAN V	1VE13IS012
DIVYA A VARYA	1VE13IS015
MOHAMMED SUHAIL AHAMED	1VE13IS035

Sl. No	Project Title	Student Name	Guide Name	Relevance to POs & PSOs
1	IOT Hazardous gas leakage detection and air quality monitoring system using wireless sensors and alarm system for ensuring good health and safety.	Mr. RaviRanjan, Ms. Rashmi Prabhu, Ms.T Bhavya	Dr. Lokesh A	PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
2	Prediction and Classification of Parkinson's Disease using Deep Learning.	Ms.Monsiha, Ms.Keerthana, Ms.Pooja, Ms.Tejaswini	Mr. Maria Navin	PO5, PO6, PO8, PO9, PO10, PO11, PO12 PSO1, PSO2
3	Prediction and prevention of cyber bullying using machine learning.	Ms. Keerthi, Ms.Srilakshmi, Ms.Srinidhi, Ms.Samyuktha	Mr. Chethan C	PO5, PO6, PO8, PO9, PO10, PO11, PO12 PSO1, PSO2
4	**Analyzing Social Media Sentiment For E-Commerce**	Ms. Manjula S, Ms. Mounica G, Ms. Rashmi A R	Mr. Shiva Prakash Ranga	PO5, PO6, PO8, PO9, PO10, PO11, PO12 PSO1, PSO2
5	**Using Revocable Storage-Identity Based Encryption for Implementing Secure Data Sharing in Cloud**	Mr. Ashish Mr. Gaurav Verma Mr. Kshitij Saini	Mr. Raghavendra S N	PO1, PO2, PO3, PO5, PO9, PO10, PO11, PO12, PSO1, PSO2
6	**Solar Powered Multi Operated Agriculture Robot**	Ms. Ankisha Sharma	Mrs. Tejaswini N P	PO1, PO2,PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11,

		Ms. Babitha Ms. Shailja		PO12 PSO1
7	**Multilayer information hiding using steganography and visual cryptography based on LSB and DCT**	Mr. Akshay S V Mr. Chethan V Mr. Divya Varya Mr. Mohammed Suhail Ahamed	**Dr. Gururaj Murtugudde**	PO1, PO2,PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12 PSO1
8	**Coconut tree detection using Python**	Ms. Samrudhi N Shetty Ms. Sushma Naik Ms. Tanushree Ms. Varshini V	**Dr. Lokesh A**	PO1, PO2,PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12 PSO1
9	**A WSN based advanced Cold Storage system using IoT**	Ms. Gunjan Kumar Ms. I N Sushma Ms.Vineetanjali Ms.Shivaswamy K M	**Mrs. Pankaja R**	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12 PSO1.
10	**2dcrypt: image scaling and cropping in encrypted domains**	Ms. A L Ashika Ms. Raksha Ms. Sharavi G C	**Mr. Yerriswamy T**	**PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10,PO11, PSO1**
11	**Blind aid stick: Hurdle recognition, simulated perception, Android integrated voice-based cooperation via GPS along with panic**	Ms. Bindushree T Ms. Chandrika J Ms. Shreya N	**Mrs. Divya Raj G N**	**PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO11 PSO1**

	alert system.			
12	**NetSpam: a network based spam detection framework for reviews in online social media.**	Mr. P Tharun Mr. Abhishek Kumar Jain Mr. Sunil S G Mr. Manjunath H	**Ms. Aruna T M**	**PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10,PSO1**
13	**Home Automation using Voice Recognition**	Mr. Poovanna Mr. Shreyas P Mr. Varun Ramesh	**Mrs. Shoba M**	**PO1, PO2, PO3, PO5, PO6, PO8, PO9, PO10,PSO1**
14	**Live Data Analytics With Collaborative Edge and Cloud Processing in Wireless IoT Networks**	Mr. Akshay S V Mr. Chethan V Ms. Divya Varya Mr. Mohammed Suhail Ahamed	**Dr. Gururaj Murtugudde**	**PO1, PO2, PO3, PO5, PO6, PO8, PO10,PSO1**

PAPERS PUBLISHED / AWARDS RECEIVED:

Sl. No	Paper Title	Student Name(s)	Event/ Conference	Date	Place	Remarks
1	Preservation of vegetables fruits and medicines using smart refrigerator	Ms. Rashmi P, Ms. T Bhavya	Tech-Vidya 2K17	27 & 28 oct 2017	SVIT, Bangalore	Presented a Paper and Secured 2nd Place
2	Analyzing Social Media Sentiment for E-commerce using Data Analytics	Ms. Mounica G, Ms. Rashmi A.R, Ms. Manjula.S	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper & Secured 2nd place

3	An Approach on MANET Routing Attacks-Risk Aware Mitigation	Ms. Ashika.A Ms. Raksha, Ms. Sharavi.G C	International Conference on Computer Networks, Security &Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
4	Deep Image Retrieval: Learning	Mr. Ashray, Mr. Madhan, Mr.	International Conference on Computer	4th May	SVCE, Bangalore	Presented a Paper
	Global Representat ions of Image	Sunilkumar, Mr. Vyshak	Networks, Security &Computing (ICCSC-2018)	2018		
	Searching or Similarity					
5	Analysis and Review of Virtual Smart Phone	Ms. Rashmi P, Mr. RaviRanjan Ms. T Bhavya	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
6	Analysis of Medical Image Processing Using Artificial Neural	Mr. Ankisha Sharma, Ms. Babitha, Ms. Shailja	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
	Network					

7	Live Data Analytics with Collaborati v e Edge and Cloud Processing In Wireless IoT Network	Mr. Akshay S, Mr. Chethan, Ms. Divyavarya, Mr. MohammedSuha il	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
8	Finger Vein Detection by Discrete Wavelet Packet	Ms. Samrudhi N Ms. Sushma Naik, Ms. Tanushree,	International Conference on Computer Networks, Security &	4th May 2018	SVCE, Bangalore	Presented a Paper
	Transform Based Features	Ms. Varshini	Computing (ICCSC-2018)			
9	Using Revocable Storage-Identity based Encryption for	Mr. Gaurav, Mr. Ashishvaid, Mr. Kshitij	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
	Implementi ng Secure Data Sharing in Cloud					
10	Prediction of Cardiovasc u lar Diseases Using Machine Learning	Ms. Keerthi G, Ms. Srinidhi T.S.P	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper

	Techniques					
11	Machine Learning Techniques in Preventing Cyber Attacks	Ms. Srilakshmi V, Ms. Samyuktha R	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
12	A Voice Controlled Home Automation System	Mr. B A Poovanna, Mr. Shreyas P, Mr. Varun Ramesh	International Conference on Computer Networks, Security & Computing	4th May 2018	SVCE, Bangalore	Presented a Paper
			(ICCSC-2018)			
13	Mind Controlled Wheelchair for Pseudo Coma Patients	Ms. Vineetanjali, Ms. I N Sushma	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
14	A Review-based Spam Detection Novel Framework for	Mr. Tarun P, Mr. Abhishek Jain, Mr. Manjunath H, Mr. Sunil G	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
	Reviews in Online					

15	Voice Based Assistance for the visually impaired people using RFID Tags	Ms. Shreya N, Ms. Bindushree T, Ms. Chamdrika J	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper
16	Data Analysis of Pima Indians Diabetes Data Set using H2O Deep Learning	Ms. Keerthana G, Ms. Monisha B, Ms. PoojaBadiger, Ms. Tejashwini R P	International Conference on Computer Networks, Security & Computing (ICCSC-2018)	4th May 2018	SVCE, Bangalore	Presented a Paper