



# TECH ERA

## STUDENT TECHNICAL MAGAZINE



DEPARTMENT OF IT (LBRCE)

VOLUME IV  
(2018-19) Issue-I

# **VISION & MISSION**

## **DEPARTMENT VISION**

To emerge as one of the most preferred department for the budding engineers, aspiring to be successful IT professionals

## **DEPARTMENT MISSION**

DM 1: To inculcate team skills and leadership qualities in the student through projects, seminars and group activities.

DM2.: To impart quality education with a well-designed curriculum, consistent with industry requirements, that equips the student to face the career challenges.

DM3:To cultivate the qualities of social awareness and service to the humanity among students.

DM4:To extend the student's learning beyond the curriculum, through workshops on cutting edge technologies

## **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

Graduates of Information Technology programme will be:

PEO 1: Pursue a successful career in the area of Information Technology or its allied fields.

PEO 2: Exhibit sound knowledge in the fundamentals of Information Technology and apply practical

Experience with programming techniques to solve real world problems.

PEO 3: Demonstrate self-learning, life-long learning and work in teams on multidisciplinary projects.

PEO 4: Understand the professional code of ethics and demonstrate ethical behaviour, effective Communication and team work and leadership skills in their job

## **PROGRAM OUTCOMES (POs):**

Graduates of Information Technology programme will have the ability to:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- 6. 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.
- 7. 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. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

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

**9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings

**10. 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.

**11. 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 leader in a team, to manage projects and in multidisciplinary environments.

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

### **PROGRAM SPECIFIC OUTCOMES (PSOs):**

Graduate of the Information Technology will have the ability to

1. Organize, Analyze and Interpret the data to extract meaningful conclusions.
2. Design, Implement and evaluate a computer-based system to meet desired needs.
3. Develop IT application services with the help of different current engineering tools.

## **About the Department**

The department of Information Technology was established in the year 1999 with an intake of 40 seats in UG program. Student intake is increased from 40 to 60 in the year of 2001. It is the one of the most emerging programmes in LBRCE. As IT plays a remarkable role in the almost all sectors, due to this the need of Information Technology Engineers increased who could gain knowledge in recent technologies. Our department is intended to train the students in elementary courses and cutting-edge technologies like Digital marketing, Social networking, Digital communication, Cloud computing, android application, and Big data for solving many social and business problems.

Our future Software Engineers, Entrepreneurs, and Researchers are encouraged with inventive approach. We have an excellent infrastructure and advanced labs to expedite our students. The Department facilitates innovative practices such as student internships, mini and major projects to meet the requirements of employment, teaching-learning process and entrepreneurship. To upgrade the knowledge of students, department offers many tools and Software applications. The LBRCE-CSI students' chapter has been actively organizing events like Technical Seminars, Workshops and Guest lecturers. The Department has well qualified and experienced faculty. The department has 16 teaching faculty with 4 Doctorates and the rest with (MTech. Four faculties are pursuing Ph.D. in various Universities.)

The faculties are engaged in research activities (including funded projects) in their areas of specialization to subsidize the knowledge transfer in their corresponding arenas. Numerous research papers have been published in National, International Journals and Conferences by our faculty and students.

## **Articles Published in Reputed Journals & Conferences by the Faculty of Information Technology.**

*Anupriya Koneru, Sreelatha M, "Broker Decision Verification System Using MR Cloud Tree", International Journal of Engineering & Technology, 7 (4) (2018) pp: 3306-3311*

In the present industry, there is a gap between the requirements of the Cloud Service Requester and the services offered by Cloud Service Providers. To bridge this gap, Cloud Service Brokers extended their service towards the selection of Cloud Service Provider for Cloud Service Requester. In this process, the Broker may deceive and selects a bribery Provider that completely affects the Requesters business. This assumption shows the necessity of checking the correctness of the Cloud Service Broker. This paper focuses on proposing a Broker Decision Verification System which depends on MR cloud Tree. It works on multidimensional data to provide the cloud service requester with a facility to check the correctness of the Cloud Service Broker and also offers only a single provider to the Requester which could be done by Reputation Factor Value of the Provider. The performance of Broker Decision Verification System is compared with MB<sup>cloud</sup> Tree.

*Anupriya Koneru*

*Satuluri Naganjaneyulu, BuragaSrinivasaRao "Chaotic Tornado genesis Optimization Algorithm for Data Clustering Problems", Proc. 2018 IEEE 17th Int'l Conf. on Cognitive Informatics & Cognitive Computing (ICCI\*CC'18) pp:275-282*

In the current medical databases, feature extraction and disease prediction are the essential requirements to Chronic Obstructive Pulmonary Disease (COPD) and Alzheimer's diseases. Most of the medical databases have heterogeneous features with different levels of severity patterns. Feature extraction and classification of high risk patterns may have potential benefits for decision making. In the medical applications, data classification algorithms are used to detect the disease severity that can help in early prediction of new type of disease patterns. Also, machine learning algorithms are more accurate,

high true positive rate and reliable for heterogeneous features. Traditional classification models such as Naïve Bayes, SVM, Feed forward neural networks, Regression models,. etc are used to classify the homogeneous disease datasets with limited feature space. As the size of the Alzheimer's disease patterns and its categories are increasing, traditional data classification models are failed to process the disease patterns due to inconsistent, class imbalance, and scarcity issues, which may affect the disease prediction rate and error rate. Therefore, an efficient classification model for predicting the severity level of the heterogeneous feature types is essential with high true positivity and low error rate. In this paper, a novel feature selection based classification model is proposed to improve the disease classification rate and testing the new type of disease patterns for real-time patient disease prediction. In the proposed model, a novel probabilistic based feature selection measure for classification algorithm is designed and implemented for real-time patient disease prediction using the training datasets. Experimental results show that the proposed feature selection based classification algorithm is better than the traditional algorithms in terms of true positive rate, error rate and F-measure are concerned.

*SatuluriNaganjaneyulu, BuragaSrinivasaRao*

*Ravi Kumar Saidala, Nagaraju Devarakonda, Sreenivasa Reddy.E "Enhanced Northern Bald Ibis Optimization Algorithm based Clustering Method for Web Document Clustering" pp:2081-2094*

In the past few decades, clustering or cluster analysis has emerged as an essential tool in several fields to help find conceptually meaningful groups of objects that share similar characteristics. It has proven useful in a wide variety of areas such as engineering, computer science, health science, social science, etc. The clustering problem is known to be NP-hard problem. Over the years, much research effort has been made to design efficient clustering algorithms to provide high-quality solutions. This paper presents a novel clustering method for clustering web

documents, which is based on Northern Bald Ibis optimization algorithm but has additional features, such as local optimization. Experiments conducted on a total of 23 mathematical functions for examining function optimization, 10 real-world data cluster problems of various sizes and dimensions for testing numerical complexity and finally applied to web document clustering problems. The results obtained in experimental analysis and comparisons show that the proposed clustering method is competitive, fast, efficient, and provides optimal clustering solutions.

*Nagaraju Devarakonda*

*Ravi Kumar Saidala, Nagaraju Devarakonda, Raviteja Kamarajugadda “Hybrid Air Mass Collision Based Optimization Algorithm for Data Cluster Problems” Proc. 2018 IEEE 17th Int’l Conf. on Cognitive Informatics & Cognitive Computing (ICCI\*CC’18) pp:507-516*

In data mining, clustering is an important data analysis concept. It plays a vital role in extracting the useful hidden knowledge from large input datasets. This unsupervised technique partitions the input dataset into groups called clusters. The data objects mapping is done into clusters such clusters should maintain similarity between the objects within same cluster and dissimilarity between the data objects in different clusters. In this process factors like distance measuring techniques, initial conditions and criterion functions play a key role in finding optimal clusters of data. Many optimization algorithms have come into existence to resolve these types of optimization problems. But still finding optimal clusters is a big challenging task. This work presents hybrid version of the recently devised nature-inspired algorithm i.e. Tornadogenesis Optimization Algorithm (TOA) for solving data clustering problems using BB-BC. We framed this work in two phases wherein the first phase testing for optimization performance on 23 standard mathematical benchmark functions took place, in the second phase numerical ability is tested by applying hybridized Tornado genesis Optimization Algorithm (HTOA) on 10 real-world data clustering problems. In addition to that various distance measuring techniques used to test the improvement in clustering performance. We portrayed the obtained results in tabular and graphical



forms. Various analysis and comparisons have been made and found that the performance of proposed HTOA is good at solving data clustering problems using Euclidean distance measuring technique.

*Nagaraju Devarakonda, RavitejaKamarajugadda*

*Chandra Sekhar Kolli, V V Krishna Reddy, N Venkata Ramana, "Internet of Things: A Survey on Security Threats and Study on Azure and AWS IoT Frameworks", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, 2018, pp:2237-2243.*

Internet of Things is a rising wireless technology that connects all the electronic gadgets that can be uniquely identifiable over the Internet. The word Things means any electronic gadget which can be uniquely addressable (MAC address or IMEI) over the Internet. Classical information security issues and the existing methods and technologies are not capable in handling the challenging security threats in the IoT devices and the threats may increase day by day too. Although it has proved it gives lot of benefits and becomes a part of our daily lives, but there are many security pitfalls, no standardized architecture, and policies to provide security and counter measures. The success of these IoT enabled applications is highly depends the successful implementation of security mechanisms. So, there is a need of strong and challenging security policies, methods and technologies to overcome the vulnerabilities. In this paper, we are mentioning the pressing security issues which are effecting IoT devices and try to provide possible solutions .

*V V Krishna Reddy*

*Nalini Sri Mallela , Nagaraju Devarakonda, "Secure and Efficient Data Sharing with User Revocation in Cloud", Springer Nature Singapore Pte Ltd. 2018  
S. Bhattacharyya et al. (eds.), Advanced Computational and Communication Paradigms, Advances in Intelligent Systems and Computing, Pp:563-573*

In the recent trends, secure and efficient plan is required to get the access control of shared data in distributed systems. Different ABE schemes are provided for secure data sharing but, in CP-ABE scheme, a set of attributes are associated with each user the data on to user was encrypted based on access structure formed from the set of attributes. Any user who satisfies the access structure of the encrypted text they can only the decrypt the encrypted text. In data outsourcing environment, if you use

this attribute-based encryption (ABE) results some challenges in case of attribute and user revocation. In smart grid provides sensitive data sharing policies and schemes because it has to deal with sensitive information and maintains flexibility for giving information about the policies used for the data protection or authentication details of data owner and receiver. A movement towards secure and efficient data sharing with fine grain access control. We propose a scheme that enables the “secure data sharing and key distribution” with communication channels, and the users can obtain their secret keys from the “key generation centre (KGC)” and our scheme can accomplish “fine grain access control” and the user in the users’ list can use the data available in the cloud and restricted access is only allowed for the revoked users. Our proposed scheme enables the secure user revocation, key distribution, data confidentiality, and fine grain access control in cloud.

*Nalini Sri Mallela, Nagaraju Devarakonda*

*Ravi Kumar Saidala, Nagaraju Devarakonda, “Multi-Swarm Whale Optimization Algorithm for Data Clustering Problems using Multiple Cooperative Strategies” I.J. Intelligent Systems and Applications, 2018, 8, Pp:36-53*

Computational Intelligence (CI) is an as of emerging area in addressing complex real world problems. The WOA has taken its root from the collective intelligent foraging behavior of humpback whales (Megaptera Novaeangliae). The standard WOA is suffers from the selection of best agent while whales searching and encircling prey. This research paper deals with the multi-swarm cooperative strategies for finding the best agents which balances the two phase’s exploration and exploitation. The performance of invoked Multi-Swarm cooperative strategies into standard WOA i.e, MsWOA is first benchmarked on a set of 23 standard mathematical benchmark function problems which includes 7 Uni-Modal, 6 Multi-modal and 10 fixed dimension multi-modal functions. The obtained graphical and statistical results have been portrayed along with the previously established techniques. The obtained results depicts that the proposed cooperative strategies for WOA outperforms in solving optimization problems of standard benchmark functions. This paper also studies the numerical efficiency of proposed techniques on the problem of data clustering where 10 real data clustering problems have been taken

from data repository <https://archive.ics.uci.edu.data>. Statistical results for the obtained cluster centroids, intra-cluster distances and inter-cluster distances confirms that the cooperative strategies for best whale agent selection improves the performance WOA for function optimization problems as well as data clustering problems.

*Nagaraju Devarakonda*

*Anupriya Koneru, Nerella Bala Naga Sai Rajani Bhavani , K. Purushottama Rao, Garikipati Sai Prakash ,Immadisetty Pavan Kumar and Velimala Venkat Kumar, “Sentiment Analysis on top five Cloud Service Providers in the Market”, Proceedings of the 2nd International Conference on Trends in Electronics and Informatics (ICOEI 2018),IEEE Conference Record: # 42666; IEEE Xplore , Pp:293-297*

A wide range of data is available from social networking sites. The collected data can be used to extract the opinion of the users on products, services or policies. In the Cloud Market, there are number of Cloud Service Providers who offer different kinds of services. It could be difficult for the Cloud Customer to decide the best provider. In this paper, we extracted the Cloud customers’ opinion on the services provided by the cloud using Twitter. On this extracted data, Naive Bayes algorithm is applied to evaluate the polarity of the Cloud Service Provider. We applied this work on top Five Cloud Service providers in the market namely Amazon, Microsoft Azure, Sales force, IBM Cloud and Google cloud platform. As a result, Microsoft got more positivity than other providers.

*Anupriya Koneru*

*K.Lavanya, L.S. S. Reddy and B. Eswara Reddy, “Modeling of Missing Data Imputation Using Additive LASSO Regression Model in Microsoft Azure”, Journal of Engineering and Applied Sciences 13 (Special Issue 8),Pp: 6324-6334*

With the rapid growth of computational domains, the bioinformatics finance, engineering, biometrics and neuro-imaging, emphasizes the necessity for analysing high dimensional data. Many real world data sets may contain hundreds or thousands of features. A common problem that may occur in many knowledge classification systems is presence of incomplete data samples with missing or unknown attribute values which will downside the quality of classification results. Due to the presence of a large segment of missing values in the datasets, refined multiple imputation methods are required to estimate the missing values, so that, a

fair and more consistent analysis can be achieved. This study is implemented in Horton works Sandbox on Microsoft Azure. Three imputation (MI) methods are employed, i.e., imputation by mean, imputation by predictive mean and imputation by additive LASSO. Results show that imputations by additive LASSO are the preferred Multiple Imputation (MI) method.

*K.Lavanya*

# **Articles submitted by the 2015-19 (IV Year) batch students in various Internship programmes**

## **Event Management System**

*K.BHAVYA (15761A1227), B.SIVA (14761A1204), V.RENUKA (15761A1254),*

*K.VISHNU (15761A1232)*

It is developed as a web based application developed in Java programming language. It facilitates online registration cum feedback evaluation for different kinds of events such as games, workshops and seminars. The project's main objective is to control or manage the activities and duties to be performed by various event conductors such as attendees, organizers, event reviewers and authors.

## **Student Performance with Graph & Academic Project Work Reporting System**

*T.HARIKS (15761A1251), V.SOWMYA REDDY (15761A1257)*

*, G.SNEHA MALA (15761A1215)*

Student Performance with Graph & Academic Project Work Reporting System is a web-based application developed using Java, HTML, and MySQL Database. This application provides an easy way to student in searching the details of the projects and their details of their academic attendance and marks percentage details the with graph. Students can search the projects with project title or with guide name or with the year. All the details of the projects and details of student's attendance and marks percentages are added by admin

## **Info-Based Services on Agriculture**

*A. MANEENDRA(15761A1202)*

Info-Based Services on Agriculture is a website which aims at filling out the information and communication gap that exists in various subsectors of the agriculture economy in general and agriculture commodities. Concerned with improving the delivery of information to farmers and other rural dwellers. The project provides various services like information about vendors (name, area, and contact info), price of crop; insurance to particular crop. Financial support government ensures. It also gives info regarding the type of pesticides that are specific to a crop and their land. The knowledge related to modern machinery for ease agriculture. The objective of this application is to reach highest level of sophistication in Agriculture- Business sectors so as to achieve a flow of information and communication. To improve utilization of youth. Women, small holders and marginalized farmers and uses of natural resources to relevant knowledge through appropriate information and communication technology, feedback. For developing this website we use latest developments in IT sector. Information from trusted local sources and greater access to markets; and government policies that serves the interests of farming families towards agriculture.

## **Online Voting Polling System**

*M.MOUNIKA (15761A1234)*

The word " vote" Means to choose from a list ,to elect to determine. The main goal of voting (In a scenario involving the citizens of a given country)is to come up with leaders of the people's choice. Most countries, Kenya not an exception have problems when they come for voting. Some of the problems involved include rigging votes during election, insecure or inaccessible polling stations, inadequate polling materials and also inexperienced personnel. This Online voting polling system seeks to add resolution to the above issues. It should be noted that with this system, the users, citizens in these cases shall be given ample time during the voting period. They shall also be trained on how to vote online before the election time.

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# **Projects taken up by 2017-21 (II year ) students as a Part of Project Assistance learning**

## **AUTOMATIC TELLER MACHINE SYTSEM**

*G.Lakshmi (17761A1215), V.SriHarshini (17761A1256),  
A.Harika (17761A1201), K.Jashnavi (17761A1223)*

The **ATM System** is the project which is used to access their bank accounts in order to make cash withdrawals, deposits, mobile banking, balance checking. Hence we use C software in our project. C is based on procedure oriented programming. Whenever the user need to make cash withdraws, they can enter their personal identification number and it will display the amount to be withdrawn in the form of 100's 500's and 1000's. Once their withdrawn was successful, the amount will be debited in their account. The ATM will service one customer at a time. A customer will be required to enter PIN number – it will be sent to the database for validation as part of each transaction. The customer will then be able to perform one or more transactions. In the case of a cash withdrawal, a second message will be sent after the transaction has been physically completed. If the customer's PIN is Invalid, the customer will be required to re-enter the PIN before a transaction can proceed. If a transaction fails for any reason other than an invalid PIN, the ATM will display an error message, and will then ask the customer whether he/she wants to do another transaction. The ATM will provide the customer with a printed receipt for each transaction, showing the date, time, machine



location, type of transaction, account, amount, and ending and available balance of the affected account .In our project we are going to do deposits, balance checking, withdrawals, pin number.

## **GRAPHICAL IMPLEMENTATION OF STACKS**

*K. Bhuvana (17761A1221) K. Harika (17761A1224)  
P. Manoj (17761A1243) SK.Mansoor (17761A1252)*

Our project is on “Graphical implementation of stacks”. Stack is an Abstract Data Type (ADT), commonly used in most programming languages. It is named stack as it behaves like a real-world stack, for example – a deck of cards or a pile of plates, etc. The main aim of this project is to explain the stacks operations in an easier manner.

## **SCHOOL BILLING SYSTEM**

*Ch.Sai Sudha Sri(17761A1205) K.Hema Naga Padma(17761A1226)  
M.Neeraja (17761A1233) J.Suguna Kumari (17761A1220)*

The purpose of the study was to develop a School management system to assist in the management of Fees and Salary which ease the process of doing this job than earlier pen and paper-based management. The school billing system project in C keeps record of all the students, teachers and staffs working in the institution. The program is run by the administrator who can add, record, modify, delete and find records according to the need. The basic feature of this project is that it shows fees that the student needs to pay or dues and advance of the students. It also records the information related to salary that is provided to teachers and staff working in the organisation. Now-a-days this kind of application

is very essential for any small or medium sized organisation. An Accountant, regardless of the member of Staff and Student, must maintain all records pertaining to payment/fees system digitally. In addition to that, this project in C allows you to display student information, teachers and staff records.

## **TIC-TAC-TOE GAME**

*CH.LAYA (17761A1207)*

*G.MRUUDULA SRI (17761A1216)*

*M.MEGHANA (17761A1239)*

*S.SINDHUJA (17761A1253)*

This study exhibits the application of the concept of matrices, probability and optimization in making Tic-Tac-Toe game using logic gates and exhibiting the concept of Boolean algebra. For a finite number of moves in every single game of Tic-Tac-Toe, the moves are recorded in a  $3 \times 3$  matrix and the subsequent solution, or a winning combination, is presented from the data obtained by playing the game. The solution is also displayed using an LED. The circuit has been designed in a way to apply Boolean logic to analyse player's moves and thus, give a corresponding output from the game and use it in matrices. The Tic-Tac-Toe game is played randomly between 1 pair of players. The impact of different opening moves is observed. Also, effect of different strategies, aggressive or defensive, on the outcome of the game is explored. The concept of Boolean algebra, logic gates, matrices and probability is applied in this game to make the foundation of the logic for this game. The most productive position for placing an 'X' or 'O' is found out using probabilities. Also the most effective blocking move is found out through

which a player placing `O' can block `X' from winning. The skills help in understanding what strategy can be implemented to be on the winning side. The study is developed with an attempt to realistically model a tic-tac-toe game, and help in reflecting major tendencies. This knowledge helps in understanding what strategy to implement to be on the winning

## **GARBAGE MONITORING SYSTEM**

*K.Harini(17761A123) P.Dileep Sagar(17761A1245)*

*N.Anusree(17761A1202) S.Pujitha(17761A1249)*

In the present scenario, we see the garbage bins being overloaded and all the garbage spills out resulting in pollution. The detection, monitoring and management of waste is one of the primary problems of the present era. The traditional way of monitoring the wastes in waste bins is complex, cumbersome process which takes more human effort, time and cost which is not compatible with the present day technologies in any way. Hence our problem statement is to design a system based on microcontroller using zig bee methodology for collecting garbage from particular area whose garbage bins are overflowing with prior concern. This method is advanced in which garbage management is automated. This project Garbage Monitoring system using IOT is a very innovative system which will help to keep the cities clean. This system makes use of microcontroller, LCD screen, and zig bee methodology for sending data. Ultra-sonic sensors are used to detect the level of garbage collected in the bins. The LCD screen is used to display the level of garbage collected in the bins.

## Internships done by the Students for the Academic Year 2018-19

Roll No	Name	Title	Organization	Place	Date	Name of the Guide
16761A1205	Bekkam Divya	Get the best from Waste Medicine	Sell Globally Info Tech	Hyderabad	25-05-2019 to 17-06-2019	Dr. S. Naganjaneyulu
16761A1246	P.Venkata Satyanarayana					
16761A1228	K.B Vamsi Krishna					
16761A1221	G.Lakshmi Lahari					
16761A1203	B.Jayasri	Smart Garbage Collection System	Sytiq hub	Vijayawada	27-05-2019 to 20-06-2019	Dr. B. Srinivasa Rao
16761A1248	S.Yamuna					
16761A1254	V.L.Harika					
16761A1256	V.Varshitha					
16761A1208	B.Prudhvinath	Railway protection Force	South central Railway	Vijayawada	14-05-2019 to 14-06-2019	Dr.B.Rama Devi
16761A1247	S.Ravi Kumar					
16761A1236	K.Venkateswara Rao					
16761A1212	Ch.Venkata Pavithra	Online grocery Shopping	ECIL	Hyderabad	27-05-2019 to 27-06-2019	Mrs.K.Lavanya
16761A1251	Sk.Salma					
16761A1257	V.Madhuri					
16761A1213	CH.Gipsy	Object Detection	BSNL	Hyderabad	11-05-2019 to 31-05-2019	Mrs.K.Anupriya
16761A1210	CH.Sravani					
16761A1206	B.Manasa					
16761A1214	D.Krishnaveni	Employ management on ELS	South central Railway	Vijayawada	27-05-2019 to 17-06-2019	Mrs.S.Nagamani
16761A1235	K.Vineetha vani					
16761A1229	K.Harika					
16761A1240	M.Anusha					
16761A1202	B.Manvitha					
16761A1215	D.Monica	Employ management on ELS	South central Railway	Vijayawada	15-05-2019 to 17-06-2019	Mr. K. Michael Sadgunarao

16761A1216	D.Syamala	Student List using Java	Aspire Vision Tech Ltd.	Hyderabad	11-05-2019 to 13-06-2019	Mr. K. Michael Sadgunarao
16761A1227	K.Sreshta					
16761A1233	K.Sriharsha					
16761A1241	N.Uma Bhargavi					
16761A1223	G.Naga Sai Pradeep	Electric Loco Shed	South central Railway	Vijayawada	27-05-2019 to 15-06-2019	Mr. K. Rajasekhar
16761A1225	I.V.Sravani					
16761A1218	D.Siddhabi					
16761A1224	G.V.S.Sowmya Sree					
16761A1226	I.Bhavishya	Educational Institute Data Management System	GT Konnect	Vijayawada	27-05-2019 to 20-06-2019	Mr. V. V. Krishna Reddy
16761A1232	K. Jagadeesh Sai					
16761A1253	T.Shyam Kumar					
16761A1230	K.Lakshmi Prahla	Info based Services on Agriculture	Unisoft Technology	Vijayawada	15-05-2019 to 15-06-2019	Mrs. A. Sarvani
16761A1249	Shaik Karimunnisa					
16761A1245	P.Roopi Sriram					
16761A1237	Kunapaneni Sravani					
16761A1252	T.Geetha sree					
16761A1234	K.Gowtham	House Rental System	Sell Globally Info Tech	Hyderabad	27-05-2019 to 18-06-2019	Mr. Ch. Samba Siva Rao
16761A1238	L Kumar Anirudh					
16761A1239	M B Suraj					
16761A1260	Y.Anthony Reddy					
16761A1243	P.Yashodha Murali krishna	Machine Learning using Python	Sell Globally Info Tech	Secundrabad/Hyderabad	01-06-2019 to 17-06-2019	Mr. K. Raviteja
16761A1220	G.Pavan					
16761A1258	Y.Himaja					
16761A1259	Y.Harika					
16761A1244	P.Nandini					
16761A1204	Barige Vijay Kumar	Medical Diabetic	South central Railway	Vijayawada	27-05-2019 to 15-06-2019	Ms. K.Hemanthi
16761A1219	Gade Raviteja Reddy					
16761A1231	K.Mohan Reddy					
16761A1211	Ch.Tarun Kumar					

16761A1242	P. Tirupathirao		BSNL	Hyderabad	27-05-2019 to 18-06-2019	Dr. D. Rama Devi
16761A1217	D. Narendra Babu	Web Development				
16761A1201	A. Bhavani					
16761A1209	CH. Vineela Amrutha					
16761A1250	Sk.Kushbu Kalam	Employ Database Management System	South central Railway	Vijayawada	27-05-2019 to 17-06-2019	Dr.S.Naganjaney ulu
14761A1249	R.Akhil (2017-18)	House Rental System	Unisoft Technologies, Vijayawada	Vijayawada	10-05-2018 to 05-06-2018	Dr.S.Naganjaney ulu
16761A1207	B.Nagendra Babu	Get the best from waste Medicine	Vision Computers	Secundraba d	15-05-2019 to 10-06-2019	Dr.B.Srinivasa Rao
15761A1216	G.Saigeetha					
15761A1242	P.Chitti babu					

## Industrial Training done by the Students for the Academic Year 2018-19

NAME OF THE ORGANISATION & Place	FULL NAME OF THE FIELD INTERNSHIP OR PROJECT	DURATION	ROLL NO	STUDET NAME
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1201	AMBATI HARIKA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1202	ANUSREE NUVULLA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1203	BORRA RAMADEVI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1204	BUDDE AKHILA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1205	CHALLA SAI SUDHA SRI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1206	CHAMALLAMUDI LALITHA DEVI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1207	CHEMBETI LAYA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1208	CHERUKU SIVARAM PRASAD
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1209	CHINNAM HUMANVITHA SAI DHARANI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1212	DIVYA SREE MAJETI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1213	GAJULA RAJA GOPAL
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1214	GANDIKOTA SOWMYA MANASA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1215	GANNAVARAPU LAKSHMI

COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1216	GOPU MRUUDULA SRI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1217	GUDIVADA LAKSHMAN TEJA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1218	GUDURU THARUN RAM KUMAR REDDY
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1219	GUNDREDDY REVA DEVI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1220	JONNAKUTI SUGUNA KUMARI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1221	KALLURI NAGA VENKATA SAI BHUVANA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1222	KARNATI GEETHA SUDHA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1223	KETEPALLI JASHNAVI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1224	KETEPALLI UMA HARIKKA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1225	KETHE BALAJI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1226	KILLAMPALLI HEMA NAGAPADMA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1227	KOKKIRI SAI PAVAN KUMAR
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1228	KOTAGIRI SRI VENKATA SURYA GOWTHAM
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1229	KOTAGIRI SWARUPA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1230	KOTHURU SAI MOUNIKA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1231	K. VAMSI RUDRA VARMA



COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1232	KURAKULA HARINI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1233	MAGISETTI NEERAJA SAI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1234	MANDA KAVYA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1235	MANDASU BHARGAVI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1236	MATURI SAI TEJA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1237	MENDEM SRIVASTAV
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1238	MOHAMMAD MOHSIN ASMA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1239	MOYYA MEGHANA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1241	NIDAMANENI RAJYA LAKSHMI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1242	P GAGAN SAI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1243	PALLAPOTHU MANOJ GUPTHA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1245	PRATHIPATI DILEEP SAGAR
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1246	PUCHAKAYALA JAIENDRA REDDY
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1247	PUTCHAKAYALA RAGINI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1248	SAGGURTHI SOUNDARYA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1249	SAIKAM PUJITHA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1251	SEELAM SAI DIVYA

COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1252	SHAIK MANSOOR
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1254	THANMAYEE KOGANTI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1255	TIRUMALAPUDI GOPI SAI CHANDU
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1256	VAISHNAVA SRI HARSHINI
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1257	VARIKUTI ANUSHA
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1258	VELIGANDLA CHANDRA SEKHAR
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1259	VELPULA SREEJA PRIYARAJ
COURSEERA THROUGH APSSDC	PYTHON FOR EVERY BODY	14-05-2019 27-05-2019	17761A1260	YADLAPALLI SRI RAM

# Events Organised in the Department

## FDP on Development of Professional Skills on 17 & 18 Aug 2018



Addressing by Dr.K.Appa Rao, Principal



Addressing by Dr.R.Chandrasekharam, Dean  
School of Computing



Addressing by Dr.D.Naga Raju, HOD of IT



# Two-Day Workshop On Digital Marketing on 30 & 31 Aug 2018



Addressing by Dr. D. Naga Raju, HOD, Department of IT



Addressing by Dr. K. Appa Rao, Principal, LBRCE



Addressing by Mrs. S. Siva Lalitha, Founder & CEO, Hyper Techno Solutions



Merit Certificate Distribution



Students who got merit certificates



Felicitation to Mrs. S. Siva Lalitha by Dr. K. Appa Rao

**Guest Lecture on Influence Of Technology In Financial Industry dated 04Sep2018**



Invitation banner



Addressing by Alumni



Students in guest Lecture



Interacting with students



Guest Felicitation

## Workshop on 5G Technologies A New Era In Communication dated\_7 Sep2018



**Dr. Koteswararao Kondepu, Research Fellow at Scuola Superiore Sant' Anna, Pisa, Italy addressing students**



**Addressing the students by Dr. Koteswararao Kondepu, Research Fellow at Scuola Superiore Sant' Anna, Pisa, Italy**



**Students in the Work Shop on 5G Technologies(A New Era in Communication)**

## Workshop on Cyber Security & Malware Analysis dated 13, 14 Dec 2018



Gathering of Dignitaries on the dais for the Inaugural Ceremony of “Cyber Security and Malware Analysis” workshop.



Lighting the Lamp by our principal Dr. K. Appa Rao along with Resource Person Mr. D. Sai Satish.



Mr. D. Sai Satish, CEO Indian Servers addressing the student gathering about Cyber Security and Malware Analysis.



Dr.D. Naga Raju Professor & HOD of Information Technology distributing the certificates.



