RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

3 : RESEARCH, INNOVATIONS & EXTENSION

3.2 Innovation Ecosystem	3.2.1 Institution has Created an ecosystem for Innovations, IKS, IRP etc

3.2.1 Documents related to Institution Innovations

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

3.2.1 SUPPORTING DOCUMENTS RELATED TO INSTITUTION INNOVATIONS

S.NO	Description
1.	List of Seminars/Workshops
2.	List of Research Publications
3.	List of Patents publications
4.	List of Books/Book Chapters/Conferences
5.	List of MOUs/ Collaborative activities
6.	EDC Cell activity a)Faculty Development Programmes, Professional Development/Administrative Traning Programs b)Entrepreneuership Research
7.	Library Subscriptions (DELNET, J-Gate)

IQAC COORDINATOR
IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDR......M-533 107. E.G.Dist.

PRINCIPAL
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of seminars/workshops

A.Y.2022-2023

S.No	Name of the Event	Date	Details of resource person	No. of participants
1	A one day seminar on Design of Experiments in Research Methodology	01-07-2022	Dr. D Naga Poornima, HOD of S&H.	33
2	A one day seminar on Data Analysis and Interpretation.	10-08-2022	Mr.S.Sunil Gavaskar, Trainer, Vishakapatnam.	25
3	A one day seminar on Classics in Entrepreneurship Research	24-08-2022	Ms. Deepa Balasubramanian, CEO of Sedibus, Mahalakshmi Group, Hyd.	40
4	A one day seminar on Innovation and Technological Entrepreneurship	23-09-2022	Dr. B. Madhusudhan Rao, Proff. Department of Management Studies, VFSTR.	45
5	A one day seminar on Intellectual Property and it's Abuse.	29-09-2022	Mrs. Srilekha, Asst. Prof., P.V. Siddartha College of Arts and Science.	34
6	A one day seminar on Intellectual Property Law in Architecture and Design.	02-12-2022	Dr.B.Sujatha, HOD of CSE, G.I.E.T College.	47
7	A one day seminar on Navigating the IP Landscape : Strategies for Protecting your Ideas.	30-12-2022	Mr.S.Sivakameswara Rao, Advocate, AP High Court, Amaravathi.	35
8	A one day seminar on Intellectual Property Rights Violations in Software Development.	30-01-2023	Mr. Y.Rajesh, HOD of ME, B.V.C college.	26
9	A one day seminar on Intellectual Property Rights in Entertainment and Market.	20-03-2023	Mr. Sunil Gawaskar, Pragna Institute.	47
10	A one day seminar on Research Methods in Social Sciences.	31-03-2023	Dr. R.Seeta Kumari, Associate Professor, Department of S&H.	41
11	A one day seminar on the Critical Steps For Successful Research.	04-04-2023	Mr. J.K.Chandra Sekhar, Assistant Professor, Department of ECE.	41

List of seminars/workshops

A.Y.2021-2022

S.No	Name of the Event	Date	Details of resource person	No. of participants
1	A one day seminar on Entrepreneurship Development.	27-09-2021	Mr.Prateek, Trainee cum Motivator from Mahalakshmi group, Vijayawada.	40
2	A one day seminar on Entrepreneurial Mindset.	28-09-2021	Dr. B. SRINIVASA RAO, Professor, Department of Management Studies, VFSTR.	26
3	A one day seminar on Entrepreneurship and Industry 4.0.	07-10-2021	M.Sirisha, Guest Faculty Acharya Nagarjuna University, Guntur.	26
4	A one day seminar on Introduction to Research ethics	08-10-2021	Mr.P Satish kumar, Department of S & H.	33
5	A one day seminar on How to write a Research paper.	25-11-2021	Dr.R.Rambabu Associate Professor, Department of CSE.	36
6	A one day seminar on Bio Informatics And Intellectual Property Rights.	24-11-2021	A.K.S.SIRISHA, lecturer in Siddi degree college.	38
7	A one day seminar on Safe Guarding Creativity: The essentials of Intellectual Property Rights.	03-01-2022	Dr.NagalathaBathina,Associate Professor, Vignan Institute of Law, Guntur.	30
8	A one day seminar on Open Data And Intellectual Property Rights.	01-02-2022	K.GREESHMA lecturer in Rajamahendri Degree college.	35

IQAC

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of seminars/workshops

A.Y.2020-2021

S.No.	Name of the Event	Date	Details of resource person	No. of participants
1	A one day seminar on Data Science and Big Data Analytics.	01-10-2020	Mr.K.Surendranadh, CSE Department.	33
2	A one day seminar on Entrepreneurship Skills, Attitude and Behaviour.	03-10-2020	Mr.Y.Rajesh, MD, Entrepreneur, Rajahmundry.	36
3	A one day seminar on Intellectual Property Valuation Tools And Technique.	05-10-2020	Mr.J.Kiran Chandrasekhar Asst.Prof., Kakinada Institute of Technology and Science, Divili.	40
4	A one day seminar on A Statistical Data Analysis for Multidisciplinary Research Methodology.	06-10-2020	Mrs. Srilekha, Asst. Prof., P.B. Siddartha College of Arts and Science.	40
5	A one day seminar on Intellectual Property Rights and Outer Space.	07-01-2021	Mrs. Haritha , Asst.Prof. Swarnandhra College of Engineering and Technology.	36
6	A one day seminar on Elements of Research Design.	11-02-2021	Dr.Y.Venkat, CSE Department.	34
7	A one day seminar on Probability and Statistics.	12-02-2021	Dr.Ch.Ganapathi Swamy, Associate Professor, GSL Medical College, Rajahmundry.	35

IQAC

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of seminars/workshops

A.Y.2019-2020

S.No	Name of the Event	Date	Details of resource person	No. of participants
1	A one day seminar on A Comprehensive Lecture on Intellectual Property Rights.	01-08-2019	D.Vedavathisaraja, Asst. Prof, Maris Stella.	30
2	A one day seminar on Research Methodology.	06-08-2019	Dr.N.Lakshmi,Department of CSE.	39
3	A one day seminar on Entrepreneurship Cell Activity.	13-08-2019	Dr. Jyoti Chandwani.	33
4	A one day seminar on Intellectual Property Rights.	11-11-2019	Mrs. Sita Kumari, Asst.Prof., G.I.E.T college.	34
5	A one day seminar on Women Entrepreneurship And Skill Development: Issues, Challenges And Opportunities.	17-12-2019	Dr. Partha Pratim Sahu.	42
6	A one day seminar on Capacity Building on Research Methodology.	04-01-2020	Dr. D Naga Poornima, HOD of S&H.	26
7	A one day seminar Elements of Research Design and How to Interpret The Data.	06-01-2020	Dr.V.Lakshmi Chethana, Asst.Prof., MIC college of Technology, Vijayawada.	23
8	A one day seminar on Rural entrepreneurship.	12-02-2020	Mr.Deepak Wayal.	24
9	A one day seminar on Current Issues In Intellectual Property Rights.	10-03-2020	Mrs.Srilekha Asst.Prof. P.V.Siddartha College of arts and science.	36

IQAC
IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of seminars/workshops

A.Y.2018 - 2019

S.No	Name of the Event	Date	Details of resource person	No. of participants
1	One day seminar on Entrepreneur Is a Career Choice for Youth.	07-09-2018	T.Venkateswararao, Guest faculty, Sri Chaitanya College, Vizag	35
2	One day seminar on Research on Technical Paper Writing.	12-10-2018	Dr.R.Rambabu, Professor, HOD of CSE.	35
3	One day seminar on Basic Research to Innovation.	01-03-2019	Dr.B.Sujatha, Department of CSE.	26
4	One day seminar on Standards, Competition and Intellectual Property	10-09-2018	Mrs.V.L.Sailaja, Asst. Prof., G.I.E.T College.	39
5	One day seminar on Empower Ed Enterpreneur.	27-11-2018	Mr.T.G.Venkatesh, Proprietor	38
6	One day seminar on Characteristics and Criteria of Good Research	05-12-2018	Dr. D Naga Poornima, HOD of S&H.	40
7	One day seminar on Inside Entrepreneurship	11-12-2018	Mr.P..Ravi Kumar, Assistant Manager,PWD.	42
8	One day seminar on Role of Educational Institutions in Developing Entrepreneurs	09-01-2019	D.Vasundhara devi, Asst.Prof., Siddhartha College, Vijayawada.	36
9	One day seminar on Intellectual Property Rights as Human Rights	27-02-2019	Mr.B.N.P.Raju, Asst. Prof., Kondaveeti degree college	40
10	One day seminar on Entrepreneurship Capacity Building	03-04-2019	Mr.K Nageswara Rao, District Training Manager	41

IQAC

PRINCIPAL

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of Paper Publications

A.Y 2022-2023

S.NO	Name of the Author	Department of the Author	Title of the Paper	Name of the Journal	ISSN number	Year of Publication
1.	B. Sudhir	ECE	Coherent Pixel Correspondence for Image Registration	Journal of Data Acquisition and Processing	1004-9037	2023
2.	Mrs. G. Haritha Rani, Mrs. A. Josh Mary, Mr.Ch. Gopi	CSE	Utilizing Model-Based Testing at Microsoft	journal of Current Science	9726-001X	2023
3.	Mr. J. Kiran Chandrasekhar, Mr. B. Sudhir , Mr. N. Chandra sekhar	ECE	Performance analysis of two IPv6 dynamic routing protocols: OSPF and EIGRP	International Journal of computer Networks and Wireless Communications	ISSN: 2250-3501	2023
4.	Mr. P. Rama Krishna, Mr. M. Rafath Kumar, Mrs. P. Manasa	CSE	Research Initiatives to Increase Undergraduate Computer Science Retention	journal of Current Science	9726-001X	2023
5.	Mr. B. Sudhir, Mr. J. Kiran Chandrasekhar, Mrs. B. Vijaya	ECE	Implementing Sparse Encryption for Real-Time Multimedia Systems Using Discrete Wavelet Transforms	International journal of basic and applied research	ISSN 2249-3352 (P) 2278-0505 (E)	2023

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

6.	P.Sateesh kumar	S & H	Teaching English as a Foreign Language Instructor Cognition and Acquiring Equity in Education in Indian Scenario	GIS Science Journal	1869-9391	2022
7.	P.Sateesh kumar	S & H	Contemporary Issues Challenges and strategic measures in ELT for engineering students in indian context	Gradiva Review Journal	0363-8057	2022

IQAC COORDINATOR

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

COHERENT PIXEL CORRESPONDENCE FOR IMAGE REGISTRATION

B. Sudhir[1], P. Rajesh Kumar[2]

[1]Electronics & Communications Engineering Department, Rajamahendri Institute of
Engineering and Technology, AP, India
[2]Electronics & Communications Engineering Department, Andhra University,
Vishakapatnam, AP, India

Abstract—Estimating a true set of matching corresponding pixels has always been a challenge for image registration. This paper formulates the alignment problem as an estimation problem using expectation-maximization (EM) algorithm. With a given input of set of correspondence points and their distribution function a posterior probabilities of correspondence can be estimated and maximized until convergence. A simple thresholding can then distinguish between the inliers and outliers which can recover the coherent pixel correspondence between the image pairs. The experimental results have shown efficient results for images with rigid motion of translation and rotation.

Keywords—image registration, expectation, maximum-likelihood, point correspondence, coherence

Introduction

Image registration for commercial images has garnered a lot of importance in image processing techniques lately after its immense applications in many field like medical imaging, satellite imaging, image listing etc. while registration techniques differ based on modality of the images captured, a fully automated image registration have always found its own challenges. Image registration has been found to be more challenging especially when the image pairs used for registration have undergone any rigid or non-rigid motions. This paper describes a method for image registration for image pairs whose set of point correspondence is apriori given and have undergone rigid motion of translation and rotation. The point correspondence set of points are chosen such a way that they include most of the true matches between the image pairs. Hence an inlier set and an outlier set can be defined based on validation of the matching points. A strong discriminator which can estimate these set of points are hence desirable to achieve a reliable image registration.

Many estimating techniques have been used in various image processing techniques in the recent past. With the advance of computer vision and machine learning these estimators have become popular among research community in estimating the unknown parameters from a distribution of data points[1][2]. Maximum-likelihood [3][4][5]and least median of squares [6][7][8]are two techniques that are widely and popularly used in any statistical approach. [9]uses ML technique on mutual information in improving the speed of image registration. [10]has proposed a ML technique for joint image registration and fusion by formulating both these image processing problems as estimation problems. The performance in the fusion step is used to evaluate the accuracy of the image registration thereby optimizing both the processes simultaneously.

Utilizing Model-Based Testing at Microsoft

Mrs. G. Haritha Rani, Mrs. A. Josh Mary, Mr. Ch. Gopi

Associate Professor, Assistant Professor [1,2]

Department of Computer Science & Engineering,

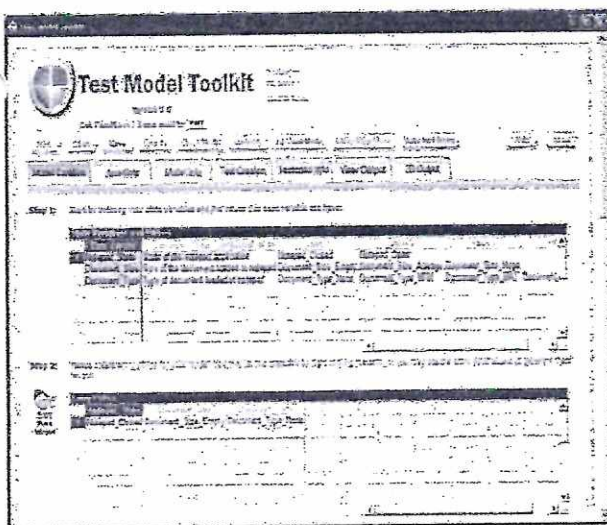### Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract

Microsoft has been looking into possible ways to improve dependability as part of its Trustworthy Computing [4] project. The model-based testing approach is becoming more and more well-liked. Because a Finite State Machine modeling tool (TMT) is widely used, more flexible and robust modeling is required. Numerous product teams are now investigating the Abstract State Machine Language (Amsel) and the Amsel/T testing system. They are also more efficient at testing live systems to cover more structural code and at identifying problems early in the design and definition stages.

Keywords: *formal testing methods, choosing which tests to run, and creating test cases automatically.*

Introduction

Most software testing is done via black box testing, which involves observing the program's behaviour from the outside. It wasn't long ago that many testing were conducted by hand. As the software and environment requirements for running Microsoft products have become more complex, the need of having an easier test design and administration has grown. Even though many testers utilise models in their brains or on paper, Model-Based Testing isn't entirely usable due to its lack of automation. The folks working on Internet Explorer devised a method to model things using FSMs. in English

team and is now really used a lot. A group of product workers saw Abstract State Machine Language (ASML) from the Foundations of Software Engineering (FSE) team at the MSR. This more complicated method has been met with the most enthusiasm by test groups when regular FSMs fail. Indigo is a set of.NET technologies for making and controlling

Performance analysis of two IPv6 dynamic routing protocols: OSPF and EIGRP

Mr. J. Kiran Chandrasekhar, Mr. B. Sudhir , Mr. N. Chandra sekhar

Associate Professor[1,2], Assistant Professor

Department of Electronics & Communication Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract — There are two types of interior gateway routing protocols: the more complex Enhanced Interior Gateway Routing Protocol (EIGRP) and the more straightforward Interior Gateway Routing Protocol (IGRP). As the name implies, EIGRP is better than IGRP. Consequently, we conjectured that networks with EIGRP enabled will perform better than others. This article describes how to design routing tables using the EIGRP routing strategy, compares EIGRP to OSPF, IGRP, and RIP, and implements the EIGRP dynamic routing protocol in an IPv6 network. The task of updating the routing tables is being carried out via the EIGRP protocol utilizing the DUAL algorithm and metric computations. In conclusion, this article provides several router instructions based on EIGRP routing strategies to achieve the desired outcomes while establishing connections to LAN and WAN interfaces.

Keywords— element, format, style, insert (keywords),

Introduction (*HEADING 1*)

I. Authors may find this template, which has been modified in Microsoft Word 2007 and saved as a "Word 97-2003 Document" for the PC, to contain most of the formatting requirements for producing electronic copies of their papers. The purpose of listing every element of standard documents is threefold:

I. (1) making it easier to format individual papers, (2) ensuring that electronic products can be produced either simultaneously or later, and (3) maintaining a consistent style throughout the conference proceedings. Type styles, margins, column widths, and line spacing are all pre-set; this article includes samples of these styles, which are italicized and placed between parenthesis. Tables with several levels of equations, pictures, and other components are not required, but you may use the given table text styles. The formatter is responsible for making these parts according to the relevant standards that are detailed below.

II. EASE OF USE

A. Selecting a Template (Heading 2)

First, confirm that you have the correct template for your paper size. This template has been tailored for output on the A4 paper size. If you are using US letter-sized paper, please close this file and download the file "MSW_USltr_format".Maintaining the Integrity of the SpecificationsMake advantage of the template to style the content and format your document. Permission is thus granted to maintain the exact dimensions and font styles as specified without modification. Some quirks may stand out. One notable difference is the significantly larger head margin compared to the norm in this design. This metric and others like it are intentional, and they are based on requirements that see your paper not as a standalone document but as an integral component of the proceedings. None of the present names should be changed.Prepare Your Paper Before StylingGet the document's content down on paper and save it as a separate text file before you start formatting it. The graphics files should be saved independently of the text files until the text has been styled and

Research Initiatives to Increase Undergraduate Computer Science Retention

Mr. P. Rama Krishna, Mr. M. Rafat Kumar, Mrs. P. Manasa

Assistant Professor[1,2,3]

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Mail id: krishna.ksit@gmail.com

ABSTRACT

We have created a curriculum that introduces students to computer graphics, art, and new media research in response to the alarming trend of declining enrollment in Rhode Island's computer science departments and the underrepresentation of women and minorities in these disciplines. This curriculum combines innovative teaching methods, such problem-based learning, with time-tested mentoring strategies. Students must to establish study groups and schedule frequent meetings to talk on the moral and societal ramifications of their studies. Every student is expected to fully engage in a mini-project from beginning to completion, including initiating, planning, creating, and presenting. Gathered and analysed throughout the first two years of the programme, this report includes it all. Classification Systems and Personal Narratives Information Technology Foundational Coursework (K.3.2) in Computer ScienceIdeas Elucidated These sentences specify computer animation, classroom instruction, and graduate-level study. Group Memberships

1. **INTRODUCTION**
2. Two factors have contributed to the general drop in enrolment in computer science programs at the university level in the US: the number of IT jobs lost as a result of outsourcing and the dot-com crisis has been reported in the media. In the next years, there is expected to be a shortage of information technology (IT) workers, even though the US Department of Commerce [10] predicts a growth in computer science job openings through 2012.

3.

Implementing Sparse Encryption for Real-Time Multimedia Systems Using Discrete Wavelet Transforms

Mr. B. Sudhir, Mr. J. Kiran Chandrasekhar, Mrs. B. Vijaya
Associate Professor[1,2], Assistant Professor

Department of Electronics & Communication Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract— In wavelet transforms, discrete sampling of the wavelets is known as a discrete wavelet transform (DWT). Its ability to capture both frequency and position information gives it a significant advantage over Fourier transforms in terms of temporal resolution, as is true with other wavelet transforms. In order to meet the needs of the end user, the DWT filter offers a high compression ratio together with high-quality picture reconstruction. Low power consumption, high system throughput, and cheap hardware cost are further desirable attributes. For embedded multimedia systems operating in real time, the intended DWT presents an authentication and encryption method with zero overhead. To include a free parameter into the design, the Discrete Wavelet Transform (DWT) compression block is used in its parameterized formation.

Keywords— The discrete wavelet transform, multimedia encryption, and parameterization!

I.   INTRODUCTION (*Heading 1*)

Several next-generation multimedia compression and transmission standards use the Discrete Wavelet Transform (DWT), which has facilitated research in image and video coding. A more effective implementation of the DWT has been developed in response to its growing significance in image and multimedia compression applications. You can see some of the limitations of the DWT filter's design in Figure 1. If it wants to meet the needs of its users, it has to have a good compression ratio and be able to rebuild images accurately. Low power consumption, high system throughput, and cheap hardware cost are further desirable attributes. When it comes to real-time multimedia systems, the suggested DWT design is perfect for those demanding top-notch security.
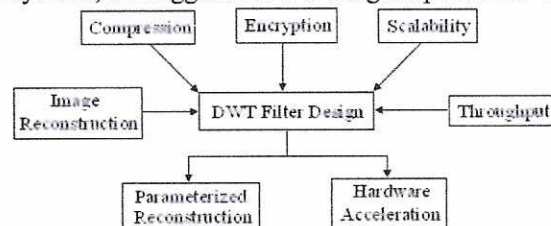

Fig. 1.   DWT Filter Design Constraints

With its redesigned DWT filter, we can achieve great compression, flawless picture reconstruction, and compliance with security requirements.

Large amounts of computing power are needed by the currently used common encryption methods like AES and RSA. There is a very big delay for AES real-time applications since hardware implementations of AES are generally pipelined. Computationally intensive operations include video compression and data encryption. Figure 2(a) shows a plan that limits a DWT's bespoke hardware design to one with minimal hardware utilization and power consumption. A setup like this also makes it hard to efficiently send out video feeds that may grow in size. To get around these limitations, we need a system that can combine compression and encryption into a single operation without introducing heavy computing burdens. Figure 2(b) illustrates this idea. The compression engine incorporates a lightweight encryption block.

Teaching English as a Foreign Language: Instructor Cognition and Acquiring Equity in Education in Indian Scenario

V.R.V.Winson[1],P.Sateesh Kumar[2],V.Arun Kumar[3]

[1]Assistant Professor in English, Department of HBS, GIET Engineering College, Rajahmundry, India
[2]Assistant Professor in English, Department of S & H, Rajamahendri Institute of Engineering & Technology, Rajahmundry, India
[3]Assistant Professor in English, Department of HBS ,BVC College of Engineering, Rajahmundry, India

ABSTRACT

The process of achieving educational fairness involves teachers who teach English as a foreign language (EFL). Academic achievement of pupils is impacted by teacher cognition, which has a significant impact on teaching practice. Few research have looked closely at EFL instructors' cognition and practice, despite the fact that their position as equity agents has been acknowledged. Furthermore, no review studies have given the goal of illuminating the connections between EFL instructors' behaviors and cognition in the context of educational fairness enough attention. In order to provide a new perspective and generate new insights into this research field, the current study highlights the interaction between equity-oriented cognition and practice among EFL teachers and identifies both experiential and contextual factors that may have an impact throughout the teaching process in the context of Indian Scenario. Finally, the topic of actualizing education as a way of achieving equality is also covered, along with some practical consequences and directions for educators, academics, policymakers, and social justice activists.

Keywords : Educational Fairness, English,Foreign Language,Cognition

1.0 Introduction

Sustainable Development Goal 4 (SDG 4) calls for educational parity, which has long been seen as "an key aspect in enriching the quality of education" [1]. Many non-English-speaking nations have made learning English as a foreign language (EFL) a requirement, and it is seen as a necessary ability for global competence[2]. Therefore, EFL instruction is strongly tied to educational equality and exerts a substantial impact on the process of reducing educational and social inequities globally in the context of moving toward equitable education. By providing equal chances for all learners [3] and meeting the educational requirements of varied student groups [4], equity in EFL teaching may be achieved. However, inequities in EFL teaching persist, manifesting primarily in teachers' control over the class without providing students with equal opportunities to participate in the teaching process [5-6], as well as a failure to understand learners' needs by merely adopting a one-size-fits-all approach regardless of learners identity

CONTEMPORARY ISSUES CHALLENGES AND STRATEGIC MEASURES IN ENGLISH LANGUAGE TEACHING FOR ENGINEERING STUDENTS IN INDIAN CONTEXT

V.R.V.Winson[1],P.Sateesh Kumar[2],V.Arun Kumar[3]

[1]Assistant Professor in English, Department of HBS, GIET Engineering College, Rajahmundry, India
[2]Assistant Professor in English, Department of S & H, Rajamahendri Institute of Engineering & Technology, Rajahmundry, India
[3]Assistant Professor in English, Department of HBS ,BVC College of Engineering, Rajahmundry, India

ABSTRACT

India presents several unique difficulties for English teaching. But obstacles are neither insurmountable nor annoying. Teaching without difficulties is boring and ineffective. Teachers are motivated to do action research by challenges. Action research findings can be used to overcome obstacles.The difficulties include the status of English in India, materials production and consumption, teaching methods, blending, testing, and evaluation, ongoing professional development and training, learner motivation, different socioeconomic and linguistic backgrounds of students, the medium of instruction in schools, backgrounds of different school boards, the amount of exposure to English, the influence of L1, and inadequately trained English teachers in schools.Important English language education stakeholders generally have a tendency to play the blame game neatly without anybody taking responsibility for the students' poor performance in developing communicative competency. The present study aims at identifying the various contemporary issues, challenges and their mitigative measures in teaching and learning English language for engineering students as well as educators in India.

Keywords:English Teaching, Difficulties, Competency, Issues, Measures

1.0 Introduction

All other learning is built on the study of language. Humanity is defined through language. Speaking and using language are both essential components of being human. The means of communication are words. In a heterogeneous and multilingual country like India, English functions as a connecting language and a linguistic intermediary on a worldwide scale. Even after seven decades after the last British colonists departed India, it still has a certain prestige in our nation. However, no other language has emerged to take the place of English as a means of communication or as the official language. It has been increasingly popular as a language for business, economic development, and social mobility over time. Teaching english language to the students from schooling has became a demand from the parents now a days in India. Further, it is clear that for the past thirty years or more, English has become incredibly popular in India, especially among students. It continues to surprise people that the rate of craziness is rising as corporate company and industry flourish in the age of scientific and technical advancements. Undoubtedly, a sizable number of private English Language Teaching Institutes, posing as Spoken English Institutes, have been founded with the sole purpose of stealing the hard-earned

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

List of Paper Publications

A.Y 2021-2022

S.NO	Name of the Author	Department of the Author	Title of the Paper	Name of the Journal	ISSN number	Year of Publication
1.	. K.S.N.V. Jyotsna Devi	CSE	Machine Learning algorithms for systematic review: reducing workload and reducing human screening error	GIS Science Journal	1869-9391	2021
2.	Dr. D. Naga Purnima B.N. Pallapa Raju	S & H	Turning Delays: A Mathematical Model from Swarm Robotics	International Journal of Mathematical Modeling Simulation and Applications (ijmmsa)	0973-8355	2021
3.	Dr. R. Rambabu G. Swarna Latha Dr. D. Naga Purnima	CSE	Cyber Security System from mobile devices using Artificial Intelligence	IJFANS International Journal of Food and Nutritional Sciences	2319-1775(P) 2320-7876(O)	2021
4.	Dr. R. Rambabu	CSE	Detection of Traffic Congestion from Surveiallance Videos using Machine Learning Techniques	IoT in Social, Mobile, Analytics and Cloud	978-1-6654-6941-8	2022
5.	Dr. R. Rambabu Dr. D. Naga Purnima G. Swarna Latha	CSE	Remote Experimentations of Artificial Intelligence in Education	IJFANS International Journal of Food and Nutritional Sciences	2319-1775(P) 2320-7876(O)	2022

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.	Ch.Suresh kumar P.Durga Srinivas T.Prasanth Jaya Kumar	EEE	Half duplex cooperative relay channel Gaussian compression	"International Journal Of Applied Science Engineering And Management "	2454-9940	2022
7.	P.Murali Krishna	MECH	Self Balancing Robot controlled by Bluetooth Module	International journal of pure and applied science and technology	2229-6107	2022
8.	B.Vijaya T.Gangadhar Rao N.Chandra sekhar	ECE	Background Noise Elimination from Heart Rate and Electocardiogram Data using the undecimated wavelet transform	International Journal of Modern Electronics and Communication Engineering (IJMECE)	2321	2022
9.	P.Manasa Dr. R. Rambabu K. Jyothi	CSE	How Technology as altered the operation of smart warehouses and how warehouse management is done	Journal of Current Science	9726-001X	2022
10.	N.Chandra sekhar T.Gangadhar Rao J.Kiran Chandrasekhar	ECE	A CVNS-Based low power 64 bit adder:Design and Implementation	International Journal of basic and applied research	2249-3352(P) 2278-0505(E)	2022
11	Mr. P S S K Sarma, Dr. R. Rambabu, Mr. Ch. Gopi	CSE	How Students Participate in Dicussions in a Facebook Group	International journal of basic and applied research	P 2249-3352 E 2278-0505	2022

Machine learning algorithms for systematic review: reducing workload and reducing human screening error

G.Muni Nagamani1, KSNV Jyotsna Devi2

[1]Assistant Professor,Sree Venkateswara College of Engineering,Nellore,AP

[2]Rajamahendri Institute of Engineering and Technology, Rajahmundry, AP

Abstract

Background: Here, we outline a method of applying existing machine learning (ML) approaches to aid citation screening in an on-going broad and shallow systematic review of preclinical animal studies. The aim is to achieve a high-performing algorithm comparable to human screening that can reduce human resources required for carrying out this step of a systematic review.

Methods: We applied ML approaches to a broad systematic review of animal models of depression at the citation screening stage. We tested two independently developed ML approaches which used different classification models and feature sets. We recorded the performance of the ML approaches on an unseen validation set of papers using sensitivity, specificity and accuracy. We aimed to achieve 95% sensitivity and to maximize specificity. The classification model providing the most accurate predictions was applied to the remaining unseen records in the dataset and will be used in the next stage of the preclinical biomedical sciences systematic review. We used a cross-validation technique to assign ML inclusion likelihood scores to the human screened records, to identify potential errors made during the human screening process (error analysis).

Results: ML approaches reached 98.7% sensitivity based on learning from a training set of 5749 records, with an inclusion prevalence of 13.2%. The highest level of specificity reached was 86%. Performance was assessed on an independent validation dataset. Human errors in the training and validation sets were successfully identified using the assigned inclusion likelihood from the ML model to highlight discrepancies. Training the ML algorithm on the corrected dataset improved the specificity of the algorithm without compromising sensitivity. Error analysis correction leads to a 3% improvement in sensitivity and specificity, which increases precision and accuracy of the ML algorithm.

Conclusions: This work has confirmed the performance and application of ML algorithms for screening in systematic reviews of preclinical animal studies. It has highlighted the novel use of ML algorithms to identify human error. This needs to be confirmed in other reviews with different inclusion prevalence levels, but represents a promising approach to integrating human decisions and automation in systematic review methodology.

Keywords: Machine learning, Systematic review, Analysis of human error, Citation screening, Automation tools

Turning Delays: A Mathematical Model from Swarm Robotics

Dr. D.N. Purnima, B. N. Pallapa Raju

ABSTRACT: By examining how turning delays impact the actions of differential wheeled robot groups, we demonstrate that their collective behavior may be characterized by a transport equation using an appropriately integrated delay. Our mathematical approach was confirmed by numerical simulations and testing using E-Puck robots. We compared our updated model to the experimental mean time when we tested robots' target area finding abilities in an unfamiliar environment. Substituting the transport equation with delay for the original one will provide a more accurate estimate of the normal trip time to your destination.

1 Introduction

Management and control of distributed autonomous agents has been the subject of much theoretical study in situations where long-distance communication is not feasible (Reif and Wang, 1999). In order to complete group-level tasks, such as reconnoitering an area of interest while gathering data or maintaining formations, algorithms have been designed to respond on signal presence or absence (Desai et al., 2001). In this article, we examine a robotic system that draws inspiration from flagellated bacteria for its search strategies.

Many flagellated bacteria, including Escherichia coli (E. coli), use a run-and-tumble search strategy when they need to find something (Berg, 1983). For a cell to advance steadily in a bundle, its flagella motors must spin counterclockwise; when the motors of at least one flagellum spin clockwise, the bundle breaks apart and the cell "tumbles" (Kim et al., 2003). In the aftermath of a fall, a cell's orientation is changed in a way that is almost at random for the subsequent run, with a little bias towards the direction of the prior run (Berg and Brown, 1972). The random walk is fair when there are no signal gradients; it runs for roughly 1 second and tumbles for around 0.1 seconds. While this is happening, the cell's mobility is positively (negatively) affected by an external signal gradient, and hence, there is a bias in the random walk (Berg, 1975; Koshland, 1980). When animals in a swarm work together to ward off danger, they exhibit similar behavior (Couzin et al., 2002).

Professor in Mathematics[1,2]

Department of Science & Humanities,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Research paper

CYBER SECURITY SYSTEM FOR MOBILE DEVICES USING ARTIFICIAL INTELLIGENCE

[1]Dr. R. Rambabu, [2]G. Swarnalatha, [3]Dr. D. Naga Purnima

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[2]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[3]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: The fast rise in smartphone usage has coincided with an upsurge in malicious attacks targeting Android mobile devices. Android systems provide several significant methods, such as banking apps; as a result, malware that takes advantage of security flaws in systems targets them. Throughout the last ten years, the cyber threat has increased dramatically. The skills of cybercriminals have advanced significantly. The networks were not sufficiently protected by the security regulators in place against the growing number of highly adept cybercriminals. High levels of innovation and automation have resulted from the most recent developments in Artificial Intelligence (AI) techniques. Even while AI approaches have many benefits, they might also be used maliciously. Modern Artificial Intelligence (AI)-assisted approaches are being used by the most recent generation of cyber threats to undertake multi-level, powerful, and possibly deadly attacks. Different issues arise while trying to defend against new and developing threats with current cyber defense technologies. Therefore, an artificial intelligence-based cyber-threat protection system for Android-powered mobile devices is provided in this study.

KEYWORDS: Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Cybercriminals

I. INTRODUCTION

In present time, admiration for Android-operated cellular devices has allured the attention of malware developers, and this particular task is increasing quickly [1]. With the rapid development of technologies, the utilisation of smart phones with the latest specifications

In general, security is built into Android systems, with sandboxing techniques and authorization systems programmed to reduce the threat of Android applications. The former is implemented by utilising the Linux environment to run Android applications, which enables the user to grant permissions to install any applications. Anyhow, while updating or upgrading cellular applications, security and privacy parameters like time permission, background location, memory, etc. are modified, this gives a time frame for malware attacks. Customers could exploit Android vulnerabilities during application development because Google Play Store didn't detect malicious attacks until applications were published. Artificial intelligence is accelerating both economic and social development. It has also become one of the key technologies of digitalization, creating both opportunities and risks [2]. The majority of malware development focuses on cellular devices, which hackers hack and turn into bots. That enables hackers to approach affected devices with another associated device and create botnets. Botnets were utilised to implement various malicious attacks like distributed denial-of-service (DDoS), spam forwarding, stealing information, etc. Malicious botnet attacks were implemented by modern methods (e.g., multi-stage payload or self-defense),

4073

CYBER SECURITY SYSTEM FOR MOBILE DEVICES USING ARTIFICIAL INTELLIGENCE

[1]Dr. R. Rambabu, [2]G. Swarnalatha, [3]Dr. D. Naga Purnima

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[2]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[3]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: The fast rise in smartphone usage has coincided with an upsurge in malicious attacks targeting Android mobile devices. Android systems provide several significant methods, such as banking apps; as a result, malware that takes advantage of security flaws in systems targets them. Throughout the last ten years, the cyber threat has increased dramatically. The skills of cybercriminals have advanced significantly. The networks were not sufficiently protected by the security regulators in place against the growing number of highly adept cybercriminals. High levels of innovation and automation have resulted from the most recent developments in Artificial Intelligence (AI) techniques. Even while AI approaches have many benefits, they might also be used maliciously. Modern Artificial Intelligence (AI)-assisted approaches are being used by the most recent generation of cyber threats to undertake multi-level, powerful, and possibly deadly attacks. Different issues arise while trying to defend against new and developing threats with current cyber defense technologies. Therefore, an artificial intelligence-based cyber-threat protection system for Android-powered mobile devices is provided in this study.

KEYWORDS: Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Cybercriminals

I. INTRODUCTION

In present time, admiration for Android-operated cellular devices has allured the attention of malware developers, and this particular task is increasing quickly [1]. With the rapid development of technologies, the utilisation of smart phones with the latest specifications

In general, security is built into Android systems, with sandboxing techniques and authorization systems programmed to reduce the threat of Android applications. The former is implemented by utilising the Linux environment to run Android applications, which enables the user to grant permissions to install any applications. Anyhow, while updating or upgrading cellular applications, security and privacy parameters like time permission, background location, memory, etc. are modified, this gives a time frame for malware attacks. Customers could exploit Android vulnerabilities during application development because Google Play Store didn't detect malicious attacks until applications were published. Artificial intelligence is accelerating both economic and social development. It has also become one of the key technologies of digitalization, creating both opportunities and risks [2]. The majority of malware development focuses on cellular devices, which hackers hack and turn into bots. That enables hackers to approach affected devices with another associated device and create botnets. Botnets were utilised to implement various malicious attacks like distributed denial-of-service (DDoS), spam forwarding, stealing information, etc. Malicious botnet attacks were implemented by modern methods (e.g., multi-stage payload or self-defense),

CYBER SECURITY SYSTEM FOR MOBILE DEVICES USING ARTIFICIAL INTELLIGENCE

¹Dr. R. Rambabu, ²G. Swarnalatha, ³Dr. D. Naga Purnima

¹Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
²Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
³Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: The fast rise in smartphone usage has coincided with an upsurge in malicious attacks targeting Android mobile devices. Android systems provide several significant methods, such as banking apps; as a result, malware that takes advantage of security flaws in systems targets them. Throughout the last ten years, the cyber threat has increased dramatically. The skills of cybercriminals have advanced significantly. The networks were not sufficiently protected by the security regulators in place against the growing number of highly adept cybercriminals. High levels of innovation and automation have resulted from the most recent developments in Artificial Intelligence (AI) techniques. Even while AI approaches have many benefits, they might also be used maliciously. Modern Artificial Intelligence (AI)-assisted approaches are being used by the most recent generation of cyber threats to undertake multi-level, powerful, and possibly deadly attacks. Different issues arise while trying to defend against new and developing threats with current cyber defense technologies. Therefore, an artificial intelligence-based cyber-threat protection system for Android-powered mobile devices is provided in this study.

KEYWORDS: Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Cybercriminals

I. INTRODUCTION

In present time, admiration for Android-operated cellular devices has allured the attention of malware developers, and this particular task is increasing quickly [1]. With the rapid development of technologies, the utilisation of smart phones with the latest specifications

In general, security is built into Android systems, with sandboxing techniques and authorization systems programmed to reduce the threat of Android applications. The former is implemented by utilising the Linux environment to run Android applications, which enables the user to grant permissions to install any applications. Anyhow, while updating or upgrading cellular applications, security and privacy parameters like time permission, background location, memory, etc. are modified, this gives a time frame for malware attacks. Customers could exploit Android vulnerabilities during application development because Google Play Store didn't detect malicious attacks until applications were published. Artificial intelligence is accelerating both economic and social development. It has also become one of the key technologies of digitalization, creating both opportunities and risks [2]. The majority of malware development focuses on cellular devices, which hackers hack and turn into bots. That enables hackers to approach affected devices with another associated device and create botnets. Botnets were utilised to implement various malicious attacks like distributed denial-of-service (DDoS), spam forwarding, stealing information, etc. Malicious botnet attacks were implemented by modern methods (e.g., multi-stage payload or self-defense),

Detection of Traffic Congestion from Surveillance Videos using Machine Learning Techniques

Dr S Govinda Rao[1]
Department of CSE
GRIET
Hyderabad, India
govind.griet@gmail.com

Dr R RamBabu[2]
Department of CSE
RIET
Rajahmundry, India
rambaburampatruni@gmail.com

B S Anil Kumar[3]
Department of CSE
GRIET
Hyderabad, India
anilme87@gmail.com

V Srinivas[4]
Assistant Professor in CSE
GRIET
Hyderabad, India
srinivassai1549@gmail.com

Dr P Varaprasada Rao[5]
Professor in CSE
GRIET
Hyderabad, India
prasadp.griet@gmail.com

Abstract – **Smart Cities applications, automated traffic control and management is the most trending research area. With the improving needs of developed towns and cities traffic congestion, now a days this the traffic congestion control and its applications has large needed facing problem in the increased population cities. Peeled eye camera photos and videos can be watched efficiently to detect traffic congestions in most of the areas in the grown populated cities. The earlier researchers had observed more on traffic signal controls through photos executed by using different algorithms of machine learning. There is existing research available on traffic signal controls through image processing and various machine learning methods. The image features are extracted and interpreted for the same. Deep learning algorithm, convolutional neural network (CNN) is proposed for effective detection of traffic congestion. There were existing works available in traffic detection using machine learning and deep learning approaches. Machine learning, Nowadays, traffic surveillance systems collect a lot of videos or images and store them for the live monitoring purposes. Deep learning techniques are used sparingly in traffic surveillance and control systems. Various images with various weather conditions are collected and are used as training dataset. Advantages of deep learning have been exploited in many applications, which use computer vision and image analysis. One of such applications is traffic monitoring, in which large amounts of video or images are processed for effective learning. The traffic surveillance can only monitor, which cannot detect the traffic on particular time.**

KeyWords: *Machine learning, deep learning, Convolution Neural Networks (CNN) Traffic prediction, and multi-class classification.*

I. INTRODUCTION

Existing techniques used video detection and other hardware equipment for detecting the traffic. Thus, the cost of implementation and maintenance of traditional systems were high. Video transmission and traffic computation cost is high in the traditional systems. Improvements to the deep learning process have appeared in a variety of real-world applications, including traffic monitoring. Deep learning models make image analysis and traffic detection simple. Traffic monitoring can be done with the help of spatiotemporal data. With this monitoring system, the area of traffic congestion can be seen automatically. Traditional surveillance systems are tedious as it requires huge man

power and frame wise monitoring in all the surveillance cameras are required. (Frame by frame monitoring in all surveillance cameras are required). Thus, the objective of our proposed system is to develop an intelligent surveillance system, which can automatically categorize the traffic congestion as

1. High traffic, 2. Less traffic, 3. Fire accident 4. Accident.

The proposed system is considered as multi class classification and this can be achieved by Convolutional Neural Networks (CNN). , the detection of fire accidents and normal traffic accidents can be detected , in this work it takes all 4 classified images into one dataset after that it can classify these 4 types of images filtered to prepare a Trained dataset.

The image features are extracted and interpreted for the same by using CNN model and it is proposed **for effective detection** of traffic congestion. There were existing works available in traffic detection using machine learning and deep learning approaches. Machine learning, Nowadays, traffic surveillance systems collect a lot of videos or images and store them for the live monitoring purposes. Deep learning techniques are used sparingly in traffic surveillance and control systems. Various images with various weather conditions are collected and are used as training dataset. Advantages of deep learning have been exploited in many applications, which use computer vision and image analysis. One of such applications is traffic monitoring, in which large amounts of video or images are processed for effective learning. The traffic surveillance can only monitor, which cannot detect the traffic on particular time.

Normal surveillance of traffic is handled manually, which requires huge manpower to handle. It also lacks efficiency. It is a highly complex system to monitor manually and identify traffic. Moreover, human error may occur, as it is not possible to watch all cameras under surveillance. Thus, the effective monitoring of large-scale surveillance systems with an automated monitoring for traffic congestion is needed for the intelligent transport system (ITS)

REMOTE EXPERMENTATIONS OF ARTIFICIAL INTELLIGENCE IN EDUCATION

[1]Dr. R. Rambabu, [2]Dr. D. Naga Purnima, [3]G. Swarnalatha

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

[2]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

[3]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT:

Research on the application of visual artificial intelligence (AI) in education has advanced significantly in recent years. should take advantage of the opportunity to gather a lot of data in many settings and circumstances. However, gathering this kind of data requires a lot of work and time. In addition, creating and evaluating visual AI algorithms for multisensory models are costly and sometimes hazardous real-world procedures. To solve both of these problems, a 3D environment simulator that offers variable setup of multimodal sensors and produces photo-realistic simulations using a view synthesis module. To produce realistic images, we incorporate innovative depth refinement, adaptive view selection, and layered rendering into our view synthesis module. It demonstrates the various benefits that PreSim offers: Three key features it offers are: (i) a photo-realistic 3D environment that makes it easy to integrate multisensory models in the virtual world and allows them to perceive and navigate scenes; (ii) an internal view synthesis module that makes it possible to translate simulation-tested algorithms to physical platforms without domain adaptation; and (iii) the capacity to generate large amounts of data for vision-based applications, like object pose and depth estimation. Thus, students can profit from virtual classrooms by adopting.

KEYWORDS: Simulation and Animation, Sensor Fusion, RGB-D Perception, Remote Experimentation, 3D virtual worlds

I. INTRODUCTION

Deep network-based data-driven approaches have shown remarkable performance in recent years for computer vision problems including 6D object pose estimation and depth estimation [1]. A lot of data is required for these data-driven techniques to train and evaluate their models. But gathering and classifying data is a laborious and time-consuming task. The simulated environment is starting to show promise as a solution to these issues since it can supply a large amount of annotated data for a variety of AI activities.

A major current focus of environment simulators is to reproduce high-quality free-viewpoint rendering of real scenes. There are a number of open source simulators [2] to achieve this goal by parameter settings of scene details, including geometry, texture, lighting and 3D modeling of static objects. However, parameter setting is time-consuming and labor-intensive. Even with precise modeling and suitable parameter settings, the simulated world still lacks richness and diversity of the real world. This disadvantage may result in the failure of transferring algorithms that are developed and tested in simulation to physical platforms for many vision-based tasks, such as object recognition, obstacle avoidance, and visual navigation. This problem is known as the reality gap: the discrepancy between synthetic and real data.

To address this issue, game engines which allow photorealistic rendering have been leveraged to build virtual environments.

REMOTE EXPERMENTATIONS OF ARTIFICIAL INTELLIGENCE IN EDUCATION

[1]Dr. R. Rambabu, [2]Dr. D. Naga Purnima, [3]G. Swarnalatha

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[2]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[3]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT:
Research on the application of visual artificial intelligence (AI) in education has advanced significantly in recent years. should take advantage of the opportunity to gather a lot of data in many settings and circumstances. However, gathering this kind of data requires a lot of work and time. In addition, creating and evaluating visual AI algorithms for multisensory models are costly and sometimes hazardous real-world procedures. To solve both of these problems, a 3D environment simulator that offers variable setup of multimodal sensors and produces photo-realistic simulations using a view synthesis module. To produce realistic images, we incorporate innovative depth refinement, adaptive view selection, and layered rendering into our view synthesis module. It demonstrates the various benefits that PreSim offers: Three key features it offers are: (i) a photo-realistic 3D environment that makes it easy to integrate multisensory models in the virtual world and allows them to perceive and navigate scenes; (ii) an internal view synthesis module that makes it possible to translate simulation-tested algorithms to physical platforms without domain adaptation; and (iii) the capacity to generate large amounts of data for vision-based applications, like object pose and depth estimation. Thus, students can profit from virtual classrooms by adopting.

KEYWORDS: Simulation and Animation, Sensor Fusion, RGB-D Perception, Remote Experimentation, 3D virtual worlds

I. INTRODUCTION

Deep network-based data-driven approaches have shown remarkable performance in recent years for computer vision problems including 6D object pose estimation and depth estimation [1]. A lot of data is required for these data-driven techniques to train and evaluate their models. But gathering and classifying data is a laborious and time-consuming task. The simulated environment is starting to show promise as a solution to these issues since it can supply a large amount of annotated data for a variety of AI activities.

A major current focus of environment simulators is to reproduce high-quality free-viewpoint rendering of real scenes. There are a number of open source simulators [2] to achieve this goal by parameter settings of scene details, including geometry, texture, lighting and 3D modeling of static objects. However, parameter setting is time-consuming and labor-intensive. Even with precise modeling and suitable parameter settings, the simulated world still lacks richness and diversity of the real world. This disadvantage may result in the failure of transferring algorithms that are developed and tested in simulation to physical platforms for many vision-based tasks, such as object recognition, obstacle avoidance, and visual navigation. This problem is known as the reality gap: the discrepancy between synthetic and real data.

To address this issue, game engines which allow photorealistic rendering have been leveraged to build virtual environments.

REMOTE EXPERMENTATIONS OF ARTIFICIAL INTELLIGENCE IN EDUCATION

[1]Dr. R. Rambabu, [2]Dr. D. Naga Purnima, [3]G. Swarnalatha

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[2]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[3]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT:
Research on the application of visual artificial intelligence (AI) in education has advanced significantly in recent years. should take advantage of the opportunity to gather a lot of data in many settings and circumstances. However, gathering this kind of data requires a lot of work and time. In addition, creating and evaluating visual AI algorithms for multisensory models are costly and sometimes hazardous real-world procedures. To solve both of these problems, a 3D environment simulator that offers variable setup of multimodal sensors and produces photo-realistic simulations using a view synthesis module. To produce realistic images, we incorporate innovative depth refinement, adaptive view selection, and layered rendering into our view synthesis module. It demonstrates the various benefits that PreSim offers: Three key features it offers are: (i) a photo-realistic 3D environment that makes it easy to integrate multisensory models in the virtual world and allows them to perceive and navigate scenes; (ii) an internal view synthesis module that makes it possible to translate simulation-tested algorithms to physical platforms without domain adaptation; and (iii) the capacity to generate large amounts of data for vision-based applications, like object pose and depth estimation. Thus, students can profit from virtual classrooms by adopting.
KEYWORDS: Simulation and Animation, Sensor Fusion, RGB-D Perception, Remote Experimentation, 3D virtual worlds

I. INTRODUCTION

Deep network-based data-driven approaches have shown remarkable performance in recent years for computer vision problems including 6D object pose estimation and depth estimation [1]. A lot of data is required for these data-driven techniques to train and evaluate their models. But gathering and classifying data is a laborious and time-consuming task. The simulated environment is starting to show promise as a solution to these issues since it can supply a large amount of annotated data for a variety of AI activities.

A major current focus of environment simulators is to reproduce high-quality free-viewpoint rendering of real scenes. There are a number of open source simulators [2] to achieve this goal by parameter settings of scene details, including geometry, texture, lighting and 3D modeling of static objects. However, parameter setting is time-consuming and labor-intensive. Even with precise modeling and suitable parameter settings, the simulated world still lacks richness and diversity of the real world. This disadvantage may result in the failure of transferring algorithms that are developed and tested in simulation to physical platforms for many vision-based tasks, such as object recognition, obstacle avoidance, and visual navigation. This problem is known as the reality gap: the discrepancy between synthetic and real data.

To address this issue, game engines which allow photorealistic rendering have been leveraged to build virtual environments.

Half-duplex cooperative relay channel Gaussian compression

Mr. Ch. Suresh Kumar, Mr. P. Durga Srinivas Mr. T. Prasanth Jaya Kumar

Abstract

Utilizing the CS theory and its strong connection to low-density parity-check codes, we provide compressive transmission—a method that uses CS as the channel code and amplitude modulation to transmit multi-level CS random projections directly. This piece concentrates on the compressive cooperation inside a relay channel. Our research focuses on four decode-and-forward (DF) methods—code diversity, receiver diversity, sequential decoding, and concatenated decoding—in a three-terminal half-duplex Gaussian relay channel, and we measure the potential rates for each. To compare the four strategies, we use numerical calculation and virtual experimentation. Additionally, we examine and contrast compressive cooperation with an alternative source channel coding scheme for sparse source transmission. Transmission efficiency and channel adaptation are two areas where collaborative compression shows great potential.

Introduction

"Compressive sensing" (CS) [1,2] is a relatively recent field of study that aims to recover sparse signals with a small number of randomly chosen linear projections. Recently, it has been shown that CS and LDPC codes, a well-known kind of channel coding, are closely associated. [3,4]. When the measurement matrix in CS is employed as the parity-check matrix of an LDPC code, the CS reconstruction approach provided by Baron et al. [5] is virtually identical to Lucy's LDPC decoding algorithm [6]. Given the similarities between CS codes and LDPC codes, we suggest and study compressive transmission, which uses CS codes as channel codes and applies amplitude modulation directly to transmit multi-level CS random projections. Because of its capabilities in both source compression and channel protection, CS may be seen as a hybrid code that combines the two. When sending sparse or compressible data, traditional systems use source coding to compress it first, and then channel coding to protect it over the lossy channel. Compared to the conventional method, compressive transmission offers a number of clear advantages. Thanks to its use of random projections to provide measurements unrelated to the compressible patterns, CS streamlines operations at the transmitter end. Thin signal-gathering devices, such as sensor nodes and single-pixel cameras, may benefit from this [7]. It also makes things last longer. It just takes a little error of one bit to corrupt compressed data. The conventional approach could fail to decode a full coding block or even a data sequence if the channel code isn't strong enough to protect data in an unexpectedly degraded channel. Conversely, since CS random projections operate directly on source bits, errors in individual bits do not impact the overall data quality.

Assistant Professor, Associate Professor, Assistant Professor

Department of Electrical and Electronics & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

SELF BALANCING ROBOT CONTROLLED BY BLUETOOTH MODULE

Mr. P Murali Krishna, Mr. Y Rajesh, Mr. K Sri Rama Kumar

ABSTRACT

To make a robot that can balance on two wheels. There will be only one axle connecting the two wheels, and a platform will be mounted on that. There will be another platform above it. The platform will not remain stable by itself. The functioning of the device is to balance the platform using distance sensors as Gyroscope sensor (Gyro MPU6050) and to maintain it horizontal. Firstly to just balance the robot on its two wheels,if the platform inclines, then the microcontroller (in this case, an Arduino Nano) will send signals to motors such that motors will move forward or backward depending on the inclination direction and extent. Balance of the robot was achieved by using a Proportional-Integral Derivative (PID) controller with inputs from a gyroscope and accelerometer. Stepper motors were used to maneuver the robot. A two wheeled self- balancing robot builds upon the inverted pendulum principle, if F is the force applied, φ is the angle from the equilibrium. When a tilt from the equilibrium occurs the motors willgenerate a torque that drives the wheels in the same direction as the tilt. The wheels willmove the same distance as the centre of gravity in order to maintain balance. In order to achieve forward movement, the angle set point will be increased, changing the equilibrium point. A self- balancing robot is creating a robot that is a replica of a human body. Traditional robots consisted of four wheels, were easily stabilized, and were comparatively bigger in size. A traditional robot uses four wheels and four motors for movement, while a self-balancing robot uses only two wheels and motors for movement. A very famous application of the self-balancing robot is the Segway. Segway has been readily available on the market since 2011 and is also termed a "human transporter". It isused mostly to cover shorter distances.

Keywords: Robot, Gyroscopesensor, ArduinoNano, Blue Tooth Module.

INTRODUCTION

Self-balancing robots are a topic of curiosity amongst students, robotics addicts, and hobbyists around the world. The fascinating aspect is the fact that it is a naturally unstable system. The project presents an attempt on developing an autonomous self- balancing robot. A key element in maintaining the robot in the upright position is estimation of the tilt angle. For this, the Kalman Filter has been implemented and tested to fuse data from a gyroscope and an accelerometer.

Assistant Professor[1,2,3]

Department of Mechanical Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Background Noise Elimination from Heart Rate and Electrocardiogram Data Using the Undecimated Wavelet Transform

Mrs. B. Vijaya, Mr. T. Gangadhar Rao, Mr. N. Chandra Sekhar

Abstract - The study done to remove noise from heart rhythm and ECG readings is described in this article. the goal is to acquire signals with clarity and dependability so that a professional can subsequently interpret them. The Undecimated Wavelet Transform (UWT) is the foundation of this work[1]. The Wavelet filter D6 (Daubechies) was used in order to obtain a better identification of the collected signal, mainly because its scaling function is closely connected to the ECG's form and fits the application's restrictions extremely well [2].

The processed signals were acquired using an amplifying board of bioelectrical signals (front-end board) and a NI PCI-6221 data acquisition board with a sampling frequency of 200 Hz. The ECG signals are obtained through the implant of electrodes connected to a channel of the frontend board. The cardiac rhythm is then obtained using an optic dactilar sensor connected to an independent channel of the ECG signal. The amplifying board was designed and developed for researching purposes on the telemedicine and signal processing area. The application to denoise the ECG signal was developed by Lab View® and is capable of graphically showing the data before and after it's processed.

Keywords: reduction of background noise, wavelet transform, electrocardiogram.

INTRODUCTION

We can eliminate the noise from the ECG data that would otherwise skew the results by filtering them. These pollution sources can be categorized into the following types:Electrode noise caused by contact and line interference The electrical connection between the board and the electrodes Regardless of the cause, the noise significantly taints the ECG signal, making analysis difficult. WHILE GETTING AN ECG SIGNAL MAY BE EASY, IT'S MUCH HARDER TO GET A RELIABLE ECG SIGNAL THAT A PHYSICIAN CAN USE FOR CLINIC ANALYSIS. This explains the importance of signal processing tasks including manipulation and filtering. IDENTIFYING VARIOUS ARRHYTHMIAS (INCLUDING TACHYCARDIA, BRADYCARDIA, AND VARIATIONS IN HEART RATE) AND OTHER MYOCARDIAL ABNORMALITIES IS MADE EASY WITH THE USE OF THE PQRST COMPLEX.

Assistant Professor[1,2,3]

Department of Electronics & Communication Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

How technology has altered the operation of smart warehouses and how warehouse management is done

Mrs. P. Manasa, Dr. R. Rambabu, Mrs. K. Jyothi

Assistant Professor, Professor & HOD, Assistant Professor

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

ABSTRACT

This article's main focus is on how technology has changed warehouse management. Here, we define "smart warehouses" and discuss some possible uses for them in the commercial world. We did our best to show in this article how automated warehouses ensure that every warehouse on Earth is ecologically responsible. By doing this, the supply chain becomes more sustainable and experiences a decrease in costs, waste, and time.

Keywords—Robotics, smart facilities, technological progress, and inventory management

1. INTRODUCTION

2. In the 1800s, railroad transportation of goods across long distances became more and more common. Train companies occasionally have a lot of control over how these goods are transported and stored. Everything at the railroad station has to be done by hand, even lifting. In the late 1990s, trolleys made moving movable things easier. Erroneous distribution of unlabeled merchandise is possible. Inventory tracking is difficult since each stack of goods lacks variation, even when they are heaped to heights of 12 feet. It's clear that stores from the past weren't like those from now. An great deal of paperwork and manual labour were prerequisites to building management prior to the turn of the century. Automated warehouse management is a result of modern concepts and technology. Modern warehouse management focuses on regulating the storage and retrieval of goods. In order to monitor the incoming and outgoing shipments, many businesses are increasingly using warehouse management software. Warehouse management systems used to be far more complex and required extensive training to use. Operations and maintenance are now the primary emphasis of the simplified systems. In comparison to its predecessor, the new warehouse management system streamlines operations, reduces costs, and enhances user prior knowledge. Warehouse management software now incorporates the rest of the business's technology to improve visibility, responsiveness, shipping timings, and overall speed. Thirdly, modern technology could be capable of handling mundane office jobs, making them more valuable and freeing up resources for new applications. Because the company and its products are expanding at such a rapid pace, warehouse management will need to improve. Stay tuned to our blog for more details on the evolution of warehouse management and the impact of new technology on this industry.

2. SMARTWAREHOUSES

3. There was a time when the warehouse was just a big structure with a row of shelves within. Workers do not need extensive knowledge of technology to operate the forklifts, the most complex piece of equipment in most warehouses.

4. The Smart Warehouse links many technologies and allows for various forms of automation. Warehouse productivity and efficiency are both enhanced by these technology, which reduce the need for human labor while

A CVNS-Based Low-Power 64-Bit Adder: Design and Implementation

Mr. N. Chandra sekhar, Mr. T. Gangadhar Rao, Mr. J. Kiran Chandrasekhar

Assistant Professor[1,2], Associate Professor

Department of Electronics & Communication Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract— This project showcases the creation of a 64-bit mixed-signal adder that is based on the CVNS. Four 16-bit Radix-2 CVNS adders are cascaded to produce the 64-bit adder. The system's interconnections were reduced using Truncated Summation of the CVNS digits, leading to a decrease in design complexity, power consumption, and hardware costs. For use in media signal processing, this adder can execute one 64-bit, two 32-bit, and four 16-bit adds as needed. The CVNS adder is well-suited for use in multimedia applications due to its small size and low power consumption. Because of truncation summation, this system employs an algorithm for digital systems that reduces the amount of links needed. The 64-Bit CVNS adder that was synthesized using Cadence RTL Encounter has a core area of 3995 μm2, a power consumption of around 98.55 fW, and a timing slack of 7ps.It is an abstract.

Index Terms— A 64-bit adder, mixed-signal adder, media signal processing, analog digits, continuous valued number system (CVNS), and computer mathematics.

Introduction Many different kinds of digital systems rely on the Adders in some way. One of the most important arithmetic functions for modern digital systems, fast addition has a significant influence on digital systems' overall performance. It is still difficult to add quickly while consuming little room and power, even though several adder structures, such serial and parallel structures, can perform addition. Modern central processing units (CPUs) employ adders for calculating the physical address and for all arithmetic operations. When a fully functional central processing unit (CPU) is unnecessary, adders are used in a variety of digital systems, including telecommunications systems. A wide variety of adders are known. Though ripple adders are more compact, the design calculation is painfully sluggish. Compared to ripple or carry-skip adders, carry-select adders are much faster, but they are also significantly bigger and use a lot more power. The proliferation of mobile phones, digital cameras, and other video devices has put multimedia signal processing in the spotlight [1]. For these kinds of applications, effective signal processing units need reconfigurable adders that can handle data of different lengths without increasing design complexity excessively. As a general rule, an efficient adder design may add one 64-bit, two 32-bit, four 16-bit, and eight 8-bit operations [2], which is crucial for the creation of reconfigurable systems. Implementation costs, measured in terms of worst-case latency and power consumption, tend to rise when introducing reconfigurability to an adder [3].New to computer mathematics is the CVNS representation, which stands for continuous valued number system. The development of efficient and high-performance arithmetic units, like as adders, has made good use of this continuous number system with non-integer digits.

I.

II. CONTINUOUS VALUED NUMBER SYSTEM

CVNS [4] stands for "Continuous Valued Number System". CVNS is a novel continuous (analog) digit representation and arithmetic system. This number system performs arithmetic operations by applying digit-level modular reduction operation on continuous real values. Some of the important and known features of the CVNS are given. These are the general arithmetic features of the CVNS, and do not consider actual system design issues of arithmetic units based on this number system. These features can be obtained by the mathematical expressions for a feasible design of a reconfigurable adder.

How Students Participate in Discussions in a Facebook Group

Mr. P S S K Sarma, Dr. R. Rambabu, Mr. Ch. Gopi

Associate Professor, Professor & HOD, Assistant Professor

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract

This study focuses on how students employ communication strategies (CS) in Facebook groups to augment their restricted language repertoire and enhance their online conversational abilities. Using a purposive sample technique, twenty-eight individuals were selected from a public university communication course. Ten students were selected at random to take part in the study in order to do a comprehensive investigation of the occurrences inside the instance. Information was gathered through threaded OLD, interviews, reflecting journals, and retrospective sessions. The theme analysis demonstrates the variety of CS strategies that students used to finish the challenge. Direct, interactive, digital media, and paralinguistic techniques were some of these tactics.

Keywords:

Facebook groups, language learners, and strategies for effective communication 1.

Introduction

Due to language barriers, interpersonal connections can be especially difficult for second-language learners. Learning word choice is crucial for second language learners because it gives them more freedom to express themselves in spoken communication. Some students could try to make up for their lack of TL understanding by making their speech more emphasised. Nonetheless, some people can discover that using a different mode of expression enables them to accomplish their communication goals. This type of deliberate activity is commonly referred to as communication strategies (CS). Numerous different kinds of remote interactions are now feasible thanks to computers, mobile phones, and other electronic communication devices. The usage of Internet 2.0 sites by young people has skyrocketed in the last few years, notably Twitter. Because they allow for so many different kinds of communication between students, faculty, and staff, these technologies have become more important to today's college students. Both Nakatsuka (2009) and Lockyer and Patterson (2008) point out that, despite initial resistance and scepticism, some language teachers have begun to investigate and use social networking strategies to enhance their instruction and the language acquisition of their students. Few details regarding how ESL students use Facebook groups to incorporate computer science into an old language (OLD) are known, despite the growing body of literature on Facebook's educational uses (Bozzetto More 2012, Mellor&Hadid 2012, Selwyn 2009). Especially in Malaysian schools, there is a dearth of research on how pupils utilise digital CS. Research on the use of CS is very important since it is the method that students use to make up for and overcome their language deficit and achieve their

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

List of Paper Publications

A.Y 2020-2021

S.NO	Name of the Author	Department of the Author	Title of the Paper	Name of the Journal	ISSN number	Year of Publication
1.	A. Josh Mary Ch. Gopi G. Swarna Latha	CSE	Interaction between the machines themselves	International Journal of basic and applied research	2249-3352(P) 2278-0505(E)	2020
2.	Dr. R. Rambabu Dr. D. Naga Purnima G. Swarna Latha	CSE	Disease Detection using Machine learning in human beings	IJFANS International Journal of Food and Nutritional Sciences	Print 2319-1775 Online 2320-7876	2021
3.	P.D. Srinivas Ch. Suresh Kumar T. Prasanth Jaya Kumar	EEE	Stator Winding load Elevation Control in Self-Excited Induction Generators	International Journal of Applied Science Engineering and managment	2454-9940	2021
4.	Dr. R. Rambabu K. Jyothi A.Josh Mary	CSE	Analytics,Modeling, and data Visualization	International Journal of basic and applied research	2249-3352(P) 2278-0505(E)	2021

IQAC COORDINATOR
IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
LAPATNAM.
RAJAM. M-533 107. E.G.Dist.

PRINCIPAL
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Interaction between the machines themselves

Mrs. A. Josh Mary, Mr. Ch.Gopi, Mrs. G. Swarna Latha

Assistant Professor[1,2] Associate Professor

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract

The problem of machine-to-machine (M2M) transmission has gained significant attention in recent times because to the fast progress of wireless technology and the enormous potential market for Internet of Things devices. It's the most innovative technological advancement of the twenty-first century, and it's also given colleges and corporations a fighting chance. Machine-to-machine (M2M) connections are becoming more and more common, opening up new possibilities for autonomous operations and merging the virtual and physical worlds. It may increase the efficiency of traditional procedures, which would encourage their broad application in wired and wireless systems that include integrated sensors and actuators. This article discusses a number of core machine-to-machine (M2M) communications topics, along with associated technology and difficulties. A few of these On top of that, we have laid out a thorough taxonomy for classifying M2M devices based on the characteristics of their networks and patterns of interaction. We also looked at finished home networking projects to learn more about how these technologies were put into practice. In addition to illuminating the obstacles faced by present-day M2M systems, this study offers new perspectives on the best way forward for research in this area.

Keywords: Machine-to-machine communication, network and communication pattern

Introduction

A procedure of connecting two or more computerised systems that does not include a human being is called "machine-to-machine communications" (or "M2M communication"). We are mostly unharmed in the newly formed language of "human-to-machine communications and machine-to-machine communications" that has evolved from human-to-human interactions in recent years. M2M, in a broader sense, describes a system of interconnected computing devices that may detect or get data from other systems of devices; this system may include sensor networks, mobile appliances, and other capillary devices. Sending the detected or received data farther, via a sequence of hops, in the direction of its eventual target achieves the end-to-end connection in the wifi network.

There are a wide variety of potential uses for machine-to-machine (M2M) communication, such as in environmental monitoring, civil and public safety, supply chain management, the smart grid, healthcare, building automation, the military, agriculture, and home networks [1, 9]. "New business groupings and prospects" are formed as a consequence of using these applications. When compared to conventional networks, M2M exhibits significantly distinct behaviour and characteristics [1-3]. Because there are a great number of nodes in an M2M network, which may be anything in our environment, such as machines or gadgets. To achieve effective communications amongst a large variety of devices, it is necessary to keep both the equipment price and the connection cost low. The most difficult part is finding ways to reduce power use, as most equipment run on batteries. Overall, each machine experiences a low enough traffic level to be accommodated if it receives data from another device or external sensations (such as from scanners or mobile communication devices). While it is possible to establish machine-to-machine (M2M) communication

DISEASE DETECTION USING MACHINE LEARNING IN HUMAN BEINGS

[1]Dr. R. Rambabu, [2]Dr. D. Naga Purnima, [3]G. Swarnalatha

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[2]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
[3]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: Timely and precise evaluation of any health-related issue is crucial for both sickness prevention and treatment. When dealing with a significant issue, the conventional diagnostic approach might not be the most effective. A more accurate diagnosis than the traditional approach may be possible with the development of a medical diagnosis system based on Machine Learning (ML) algorithms for the prediction of any disease. We have used many ML algorithms in the creation of a disease prediction system. Over 230 illnesses were included in the dataset that was processed. The diagnosis system provides an output representing the possible disease that a person may have based on their age, gender, and symptoms. Out of all the methods, the weighted hybrid (Support Vector Machine and Decision Tree) algorithm produced the best results interms of accuracy and senstivity.

KEYWORDS: Machine Learning (ML), Disease Prediction, Symptoms

I. INTRODUCTION

Medicine and healthcare are some of the most crucial parts of the economy and human life. There is a tremendous amount of change in the world we are living in now and the world that existed a few weeks back. Everything has turned gruesome and divergent. In this situation, where everything has turned virtual, the doctors and nurses are putting up maximum efforts to save people's lives even if they have to danger their own [1]. There are also some remote villages which lack medical facilities. Virtual doctors are board-certified doctors who choose to practice online via video and phone appointments but this is not possible in the case of emergency. Machines are always considered better than humans as, without any human error, they can perform tasks more efficiently and with a consistent level of accuracy. A disease predictor can be called a virtual doctor, which can predict the disease of any patient without any human error [2].

Also, in conditions like COVID-19 and EBOLA, a disease predictor can be a blessing as it can identify a human's disease without any physical contact. Some models of virtual doctors do exist, but they do not comprise the required level of accuracy as all the parameters required are not being considered. The primary goal was to develop numerous models to define which one of them provides the most accurate predictions[3]. While ML projects vary in scale and complexity, their general structure is the same. Several rule-based techniques were drawn from machine learning to recall the development and deployment of the predictive model. Several models were initiated by using various Machine Learning (ML) algorithms that collected raw data and then bifurcated it according to gender, age group, and symptoms. The data-set was then processed in several ML models like Fine, Medium and Coarse Decision trees, Gaussian Naive Bayes, Kernel Naive Bayes, Fine, Medium and Coarse KNN, Weighted KNN, Subspace KNN, and RUSBoosted trees. According to ML models, the accuracy varied. While

DISEASE DETECTION USING MACHINE LEARNING IN HUMAN BEINGS

¹Dr. R. Rambabu, ²Dr. D. Naga Purnima, ³G. Swarnalatha

¹Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
²Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India
³Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: Timely and precise evaluation of any health-related issue is crucial for both sickness prevention and treatment. When dealing with a significant issue, the conventional diagnostic approach might not be the most effective. A more accurate diagnosis than the traditional approach may be possible with the development of a medical diagnosis system based on Machine Learning (ML) algorithms for the prediction of any disease. We have used many ML algorithms in the creation of a disease prediction system. Over 230 illnesses were included in the dataset that was processed. The diagnosis system provides an output representing the possible disease that a person may have based on their age, gender, and symptoms. Out of all the methods, the weighted hybrid (Support Vector Machine and Decision Tree) algorithm produced the best results interms of accuracy and senstivity.

KEYWORDS: Machine Learning (ML), Disease Prediction, Symptoms

I. INTRODUCTION

Medicine and healthcare are some of the most crucial parts of the economy and human life. There is a tremendous amount of change in the world we are living in now and the world that existed a few weeks back. Everything has turned gruesome and divergent. In this situation, where everything has turned virtual, the doctors and nurses are putting up maximum efforts to save people's lives even if they have to danger their own [1]. There are also some remote villages which lack medical facilities. Virtual doctors are board-certified doctors who choose to practice online via video and phone appointments but this is not possible in the case of emergency. Machines are always considered better than humans as, without any human error, they can perform tasks more efficiently and with a consistent level of accuracy. A disease predictor can be called a virtual doctor, which can predict the disease of any patient without any human error [2].

Also, in conditions like COVID-19 and EBOLA, a disease predictor can be a blessing as it can identify a human's disease without any physical contact. Some models of virtual doctors do exist, but they do not comprise the required level of accuracy as all the parameters required are not being considered. The primary goal was to develop numerous models to define which one of them provides the most accurate predictions[3]. While ML projects vary in scale and complexity, their general structure is the same. Several rule-based techniques were drawn from machine learning to recall the development and deployment of the predictive model. Several models were initiated by using various Machine Learning (ML) algorithms that collected raw data and then bifurcated it according to gender, age group, and symptoms. The data-set was then processed in several ML models like Fine, Medium and Coarse Decision trees, Gaussian Naive Bayes, Kernel Naive Bayes, Fine, Medium and Coarse KNN, Weighted KNN, Subspace KNN, and RUSBoosted trees. According to ML models, the accuracy varied. While

DISEASE DETECTION USING MACHINE LEARNING IN HUMAN BEINGS

[1]Dr. R. Rambabu, [2]Dr. D. Naga Purnima, [3]G. Swarnalatha

[1]Professor & HOD, Department of Computer Science & Engineering, Rajamahendri Institute of
Engineering & Technology, Rajamahendravaram, A.P, India
[2]Professor& HOD, Department of Mathematics, Rajamahendri Institute of Engineering &
Technology, Rajamahendravaram, A.P, India
[3]Associate Professor, Department of Computer Science & Engineering, Rajamahendri Institute of
Engineering & Technology, Rajamahendravaram, A.P, India

ABSTRACT: Timely and precise evaluation of any health-related issue is crucial for both sickness prevention and treatment. When dealing with a significant issue, the conventional diagnostic approach might not be the most effective. A more accurate diagnosis than the traditional approach may be possible with the development of a medical diagnosis system based on Machine Learning (ML) algorithms for the prediction of any disease. We have used many ML algorithms in the creation of a disease prediction system. Over 230 illnesses were included in the dataset that was processed. The diagnosis system provides an output representing the possible disease that a person may have based on their age, gender, and symptoms. Out of all the methods, the weighted hybrid (Support Vector Machine and Decision Tree) algorithm produced the best results interms of accuracy and senstivity.

KEYWORDS: Machine Learning (ML), Disease Prediction, Symptoms

I. INTRODUCTION

Medicine and healthcare are some of the most crucial parts of the economy and human life. There is a tremendous amount of change in the world we are living in now and the world that existed a few weeks back. Everything has turned gruesome and divergent. In this situation, where everything has turned virtual, the doctors and nurses are putting up maximum efforts to save people's lives even if they have to danger their own [1]. There are also some remote villages which lack medical facilities. Virtual doctors are board-certified doctors who choose to practice online via video and phone appointments but this is not possible in the case of emergency. Machines are always considered better than humans as, without any human error, they can perform tasks more efficiently and with a consistent level of accuracy. A disease predictor can be called a virtual doctor, which can predict the disease of any patient without any human error [2].

Also, in conditions like COVID-19 and EBOLA, a disease predictor can be a blessing as it can identify a human's disease without any physical contact. Some models of virtual doctors do exist, but they do not comprise the required level of accuracy as all the parameters required are not being considered. The primary goal was to develop numerous models to define which one of them provides the most accurate predictions[3]. While ML projects vary in scale and complexity, their general structure is the same. Several rule-based techniques were drawn from machine learning to recall the development and deployment of the predictive model. Several models were initiated by using various Machine Learning (ML) algorithms that collected raw data and then bifurcated it according to gender, age group, and symptoms. The data-set was then processed in several ML models like Fine, Medium and Coarse Decision trees, Gaussian Naive Bayes, Kernel Naive Bayes, Fine, Medium and Coarse KNN, Weighted KNN, Subspace KNN, and RUSBoosted trees. According to ML models, the accuracy varied. While

Stator Winding Load Elevation Control in Self-Excited Induction Generators

Mr. P. Durga Srinivas, Mr. Ch. Suresh Kumar, Mr. T. Prasanth Jaya Kumar

Abstract

When the electrical demand is maintained at a consistent level by an Electronic demand Controller (ELC), a Self-Excited Induction Generator (SEIG) powered by a fixed-speed low-head hydroturbine may generate stable voltage and frequency. To manage frequency and regulate voltage in the Conventional-ELC (C-ELC), a chopper with a dump load is frequently employed in combination with consumer loads. Chopper action may put a lot of strain on the stator windings and excitation capacitors in a C-ELC system since the dump load is briefly connected to the winding during each chopping cycle and then disconnected. This stress may be reduced by introducing a new ELC topology. The major dump load now has two parts, as opposed to one as in the C-ELC. If some of the dump load is linked in parallel with the consumer loads, the stator windings and excitation capacitors will be put under less stress, and the SEIG will see less variation in the overall load. The proposed design may work with unbalanced consumer loads if applied per phase using bidirectional power switches. Simulations with unbalanced three-phase loads (with the use of bidirectional switches per phase) have shown that the proposed architecture can regulate voltage from no-load to full-load. Furthermore, the Total Harmonic Distortion (THD) investigation for output (stator) current shows a 9% enhancement when compared to the most current results in the literature.

Introduction

A significant portion of the world's population relies on traditional biomass for their everyday energy requirements, such as cooking, heating, and lighting, and a quarter of that population does not have access to electricity [1]. Particularly in developing countries, a high reliance on traditional biomass sources like wood may shorten the average lifespan due to the effects of several health problems [1]. A paradigm shift toward the use of alternative and renewable energy was driven by this motivation, together with growing environmental awareness, increasing electrical energy demand, decreasing supplies of conventional fuels, and technical breakthroughs in power electronics. Renewable energy sources including wind, pico-hydro, and micro-hydro turbines are ideal for remote areas without easy access to large-scale electrical generating services on the grid since they are stable and easy to install. Separate from the main electrical grid, these power plants are known as stand-alone power generating units.Ideal candidates for the squirrel cage self-excited induction generator (SEIG) [2-4] are standalone generating units with a power rating of less than 20kW driven by a constant speed uncontrolled turbine. The first account of the self-excitation phenomenon was provided by Besant and Potter [5] in a local bank of capacitors across the output terminals of an induction generator.

Associate Professor & HOD, Assistant Professor[1,2]

Department of Electrical and Electronics & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Analytics, modeling, and data visualization

Dr. R. Rambabu, Mrs. K. Jyothi, Mrs. A. Josh Mary

Professor & HOD, Assistant Professor [1,2]

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract

The primary problem of data scalability is information complexity. In order to solve large data issues and achieve data unification, diverse data sets are essential. All of these recommendations are crucial, but because big-scale databases require enormous amounts of computing and storage, they are challenging to monitor and evaluate. In the information era, when data is expanding exponentially, digital extraction poses a significant challenge because of the human brain's limited ability. Based on earlier research, this study discusses and analyzes heterogeneous distributed storage, offers data visualisation, and examines the issues associated with these technologies. Furthermore, a comparison is made between the outcomes of the examined research, and the profound change in the field of big data presentation brought about by virtual reality.

Keywords: Big data, multidisciplinary, display, distribute data value

Introduction

This is the Big Data age, when data analytics and visualisation are becoming more and more popular due to the increasing amount of data created by various technologies, such as computers, social media, and mobile platforms. The requirement for massive amounts of data processing and storage capacity makes presenting and comprehending large-scale databases necessary and challenging. Science Daily claims that the rate at which data is being generated has increased dramatically in recent years. In fact, 90% of the world's technology has been invented in the past two years alone. The only way to handle this on-slide deluge of data is to drastically alter our data processing philosophies, methodologies, and techniques, and to place much more focus on the subject. A new phrase, Big Data, has emerged in the last few years to characterise the effective identification of this data rush and the distribution of cutting-edge technology solutions that can handle the enormous amount of data produced. The fact is that the phrase "Big Data" has grown in popularity since its introduction in 2011, according to a Google Trends analysis. Given the wide range of viewpoints and approaches to managing massive data sets, the term "big data" could mean different things to different people. The term "Big Data" refers to sets of information that are technologically insurmountable when processed using conventional database management tools (D.). From a purely technical standpoint, marketers are less concerned about the internal and decision-making challenges posed by large volumes of data. Also included are data sets that are too large for the user's current hardware and software setup to adequately acquire, manage, and analyse in a fair amount of time. Lastly, Big Data should be seen by the user as an array of complex, intriguing, and novel computer technologies that augment preexisting ones. Nowadays, the Internet is only one of many sources that provide vast amounts of data. Others include traffic sensors, satellite imagery, voice communication, banking, the stock market, and online communities. We go over the three Vs of big data: velocity, volume, and speed. We also look at data processing architectures like connection database servers, which can manage a lot of relationship records but aren't very flexible when it

List of Paper Publications

A.Y 2019-2020

S.NO	Name of the Author	Department of the Author	Title of the Paper	Name of the Journal	ISSN number	Year of Publication
1.	T.Gangadhara Rao B. Vijaya R.Srinivas	ECE	Design of embedded system with hybrid Power estimate based on models	The International journal of modern electronics and communication engineering **(IJMECE)**	2321	2020
2.	Dr. R. Rambabu P.S.S.K. Sarma	CSE	A Brief synopsis of Cloud Computing Features and Services	International Journal of basic and applied research	2249-3352	2020

IQAC COORDINATOR

PRINCIPAL

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL.
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist

Design of embedded systems with hybrid power estimate based on models

Mr. T. Gangadhar Rao, Mrs. B. Vijaya, Mr. R. Srinivas

Abstract

System-on-chip (SoC) power management is becoming more and more important as technology moves toward tighter integrated circuit architectures and faster performance. Power estimation now forms an essential element of the design process and calls for approaches at the electronic system level (ESL). The main goal of designing such specialized machinery is to increase the ratio of precision to speed. In this study, we propose a consumption prediction technique that may be applied early in system design by including consumption needs into cosimulation. This ground-breaking technique may be used with both solo power estimators and annotated power models to predict the energy consumption of white-box and black-box IPs. We performed system-level CABA (cycle accurate bit accurate) SystemC simulations to obtain the most accurate power estimates. We use a model driven engineering (MDE) method to automatically construct the simulated structures, which include standalone power estimators, making our strategy both quick and user-friendly. It is feasible to estimate consumption of the same architecture using both annotated power models and standalone power estimators simultaneously.

Introduction

While advancements in system-on-a-chip (SoC) integration have led to better computer performance, a major problem now is power loss. So, when exploring space for design, it is essential to consider power consumption. Reaching target time-to-market requires striking a compromise between power consumption and performance as early as possible in the design process. We want estimating methodologies that provide abstraction and automation in order to solve the power challenge without compromising design efficiency. Due to the extensive evaluation of the simulated system-on-chip (SoC) using low-level energy estimation techniques, the design time for complicated systems is substantially increased. Such approaches may have some accuracy, but they are much too sluggish to be practical. Consequently, we need novel theoretical approaches to outcome prediction. The cycle-accurate bit-accurate (CABA) level gives a more accurate description of a system than the register transfer level (RTL) [1]. It enables quicker simulation speeds compared to RTL. When transitioning from RTL to CABA, the processor side of the system is often shielded from the hardware implementation details, but the behavior at the clock cycle level is maintained. If components can communicate with one another via a binary system, then the term "bit-accurate" describes them well.

Assistant Professor[1,2], Associate Professor & HOD

Department of Electronics & Communication Engineering,

A Brief Synopsis of Cloud Computing's Features and Services

Dr. R. Rambabu, Mr. P S S K Sarma, Mr. Mamidi J Venkata Naga Sarat Kiran
Professor & HOD, Associate Professor, Assistant Professor

Department of Computer Science & Engineering,

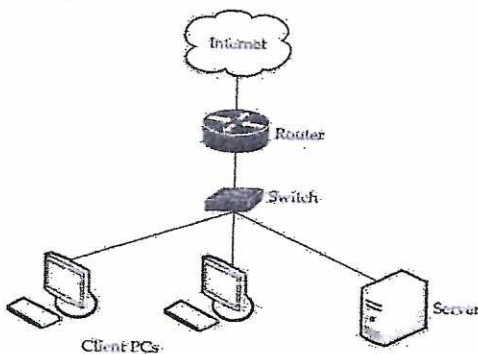Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Abstract

This research indicates that cloud computing offers cost-effective, flexible, and adaptive ways to deliver services that may be advantageous to individuals as well as enterprises. This article, which aims to illustrate the many uses, features, and services of cloud computing, offers several examples of cloud services provided by major players in the market, such as Amazon, Google, and Microsoft. We have also discussed the benefits of cloud computing service models.

Key words

A few examples of important phrases are cloud computing, virtualization, data recovery, electronic government, and service provider.

I. INTRODUCTION

The term "cloud computing," or just "the cloud," describes the method of processing and storing data and applications on distant servers as opposed to a person's local workstation. In that sense, the cloud is analogous to the Internet. Usually, we employ a graphical depiction of the Figure, which depicts the internet as a cloud.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of Paper Publications

A.Y 2018-2019

S.NO	Name of the Author	Department of the Author	Title of the Paper	Name of the Journal	ISSN number	Year of Publication
1.	Dr. R. Rambabu	Professor & HOD CSE	A Novel Approach in Clustering Algorithm to Evaluate the Performance of Regression Analysis	8th International Advance Computing Conference (IACC)	978-1-5386-6678	2018
2.	Dr. R. Rambabu	Professor & HOD CSE	Modified Hierarchical Clustering algorithms to Evaluate the Similarities of Growth Factor IR inhibitors by Using Regression Analysis	4th International Conference on Computing Communication and Automation	978-1-5386-69472018	2018
3.	Dr. R. Rambabu	Professor & HOD CSE	An Method for classifying data with several dimensions	International journal of pure and applied science and technology	2229-6107	2018
4.	G. Swarna Latha Dr. R. Rambabu Ch. Gopi	CSE	Using Logical models to Categorize Personal Hygiene Discussions Online	International journal of pure and applied science and technology	2229-6107	2019
5.	Dr. R. Rambabu P.S.S.K. Sarma A. Josh Mary	CSE	Evaluation of effectiveness of creating mobile apps across a variety of platforms	International journal of pure and applied science and technology	2229-6107	2019
6.	K.S.N.V. Jyotsna Devi	CSE	Predicting Early Reviewers for Effective Product Marketing in E-commerce Website Using Aggregate Ranking Algorithm	International Journal of Science Research and Innovation Engineering(IJSRIE)	IJSRIE010101	2019

IQAC COORDINATOR

PRINCIPAL

A Novel Approach in Clustering Algorithm to Evaluate the Performance of Regression Analysis

Dr. Govinda Rao S[1]
Professor in CSE
Gokaraju Rangaraju Institute of Engineering and Technology
(GRIET) Hyderabad, India
EMail:govind.griet@gmail.com

Dr. Varaprasada Rao P[2]
Professor in CSE
Gokaraju Rangaraju Institute of Engineering and Technology
(GRIET)Hyderabad, India
EMail:prasadp.griet@gmail.com

Dr. Rambabu R[3]
Professor & HOD in CSE
Rajamahendri Institute of Engineering and Technology (RIET)
Rajamahendravaram, India
EMail:rambabureddy.rampatruni@gmail.com

Dr. Chandra Sekahar Reddy P[4]
Professor in CSE
Gokaraju Rangaraju Institute of Engineering and Technology
(GRIET)Hyderabad, India
EMail: pchandureddy@yahoo.com

Abstract—This paper, introduced a new methodology to raise the metric of a journal's impact. This method is depending on finding clusters from SC Imago database and creates datasets utilizing a modified k-means clustering algorithm. Farther, developing of linear regression analysis on these datasets is perplexed by seeing index values are dependent variables and citation parameters as independent variables result in assessing contributing factors to increase bibliometric index of any journal. next step, cluster quality metrics enforced to evaluate the perfectness of fit of the cluster such as homogeneity score, completeness score, V measure, accommodated rand score and silhouette coefficient. The output of modified k-means algorithm on a dataset of 1445 journals resulted in 3 clusters (k=3). Each cluster data clustered depending on the title.

The regression analysis states that the publisher who desires to enhance his journal bibliometric indexes should deliberate the advice conferred, in this work, bring large number of paper submissions to their journal especially. Almost four indices which are of main importance in the publisher industry having been used this. The analysis ensure in strong advantage as the testing of output produced including regression parameters clarified with the identification of outliers by the inclusion of relative error calculation. Accordingly, seeing the suggestive features with increase or decrease in TD3, TC3, CD3, CD2 and RD values, the publisher would profit from raising their respective bibliometric index.

Keywords—Modified K Means Clustering Algorithm, Regression Analysis, Cluster, SCImago, Bibliometric Index

1. INTRODUCTION

The principal instigate trailing the work is dependent on publishing papers in scientific journals. All authors prepare research and publish his/her research in various journals. These journals are kept by publishers and process papers having scientific credit, these are finally receives published. A paper having scope in one journal is not chosen, in place of a restricted down scope or a wide scientific area is opted for publication. These days, most of the journals publish papers of scientific priority; which have nearly equal aims and scope of the journal. In this one, the author allows into a dilemma to publish his piece of work in order to showcase it to the research community. Furthermore, publishing all scientific papers in one single journal is not suggestible and it is stimulate the publisher, but not the scientific community. Hence, authors determine to choose some other journals which are equal scope to his work. In this perspective, if we see at the journals having equal scope, for suppose, subject area being 'data mining, the set of journals which are publishes in this subject are around 77 journals, as per SC Imago journal ranking search. Now, the problem gets enlarge after looking at the numbers in the SC Imago result. This is called the data having citation parameters, h-index, journal ranking etc...

II. PREVIOUS WORK

Wei introduced an efficient algorithm to calculate new cluster centres for every iterative point for K-means clustering. In this algorithm, it is depended on the minimization evaluation of the problem and a novel iterative method. The cluster centers calculated using these techniques is searched to be very near to the desired cluster centers, for iterative clustering algorithms. The experimental results using the proposed algorithm with a group of randomly constructed data sets are very promising. But it constructed results are not optimal [1][2].

Shaffeq introduced new method for both the cases i.e. for identified number of clusters in advance similarly unidentified number of clusters. The author has the comfort either to fix the number of clusters or input the minimal number of clusters needed. In the older case it works similar as K-means algorithm. In the further case the algorithm calculates the new cluster centers by increase the cluster counter by one in each looping until it obey the validity of cluster performance. It is displays that how the modified k-mean algorithm will raise the quality of clusters differed to the K-means algorithm. It assigns the data point to their appropriate class or cluster most efficiently [3].

Vaishali and Patel addressed two features of k-Means; send number of centroids in apriori and they don't grip noise. They also introduced an overview of cluster analysis, clustering algorithms, pre-processing and minimization techniques in modified k-Means to develop the efficiency of the modified k-Means clustering algorithm [4].

Modified Hierarchical Clustering algorithms to Evaluate the Similarities of Growth Factor IR Inhibitors by Using Regression Analysis

Dr. S Govinda Rao[1]
Professor in CSE
Gokaraju Rangaraju Institute of
Engineering and Technology (GRIET)
Hyderabad, India.
E-Mail: govind.griet@gmail.com

Dr. R Rambabu[2]
Professor & HOD CSE
Rajamahendri Institute of Engineering and
Technology (RIET)
Rajahmahendravaram, India.
E-mail:rambabureddy.rampatruni@gmail.com

Dr. P VaraPrasada Rao[3]
Professor in CSE
Gokaraju Rangaraju Institute of
Engineering and Technology (GRIET)
Hyderabad, India.
Email: prasadp.griet@gmail.com

Abstract--In the bioinformatics area it expose an amazing development at the crossroads of biology, medicine, information science, and computer science. The pictures neatly explain that nowadays in this field research is as reproductive in the data mining research. However, maximum bioinformatics research handles with the tasks of identification and classification, tree or network induction from data. Clustering techniques are mostly employed in the sector of information technology, medicine as well as bioinformatics.

In this paper, the modified hierarchical clustering algorithms are introduced and applied to orthologous IGF-1R protein sequences and it can produce orthologous clusters of sequences and phylogenetic trees are formed Compared to existing hierarchical algorithms these new algorithms are very efficient, it takes less time to execute and clustering accuracy is also better.

Another contribution is acceptable attempt has been made on understanding the role of IGF-1R. The outcome enabled research in extended further to delineate the dependency of Physio-chemical properties, on the activity of inhibitors, and to study the multivariate regression analysis on a set of 87 IGF-1R inhibitors are dependent variables and some of independent variables resulted in F-test: 8.812, r value: 0.794 and r² value of 0.631, respectively. The data set was introduced for the presence of outliers by calculating the leverages and standard residuals and finally 6 compounds were eliminated. A new regression model was attempted 76 compounds training set and 5 compound validation set. A Regression plot is obtained and justifies the predictive ability of the regression model. Finally, the designing or screening compounds libraries for new analogues should enhance the inhibitory activity against IGF-1R.

*Keywords:- Modified Hierarchical Clustering Algorithms, IGF-IR Protein Sequence, Insulin, Regression Analysis.*p

I. INTRODUCTION

The insulin-like growth factor (IGF) system in everywhere and perform a role in all lace of the body. Insulin-like growth factor 1 (IGF-1) receptor be a part of the bigger class of tyrosine kinase receptors is erect on the surface of human cells. IGF1R is mobilize by a hormone called insulin-like growth factor 1 (IGF-1) and by equivalent hormone called IGF-2. IGF system is important in embryonic and post-natal development as well as normal adult physiology. IGF system plays major role in diabetes and cancer. It has a major character in tumour genesis

mature to its crisis in apoptosis, monogenesis, cell transfer, multidrug resistance. The biological functionalities of IGFs are arbitrated by cell surface receivers and harmonize by complex communications with merging proteins [1].

The problem identified here in IGF system is inhibiting IGF1R activity would lead to decreased progression of cancer. Owing to the importance of IGF1R in various cancers, IGF system and IGF1R inhibition motivated to take up computer-aided analysis. Hence, hierarchical clustering algorithms such as single linkage, complete and average linkage algorithms along with Wards method was implemented to evaluate the relationship among IGF1R homologs. Further, a regression analysis was attempted to delineate the dependency of descriptors towards biological activity of imidazole inhibitors. Imidazoles have been selected for the study because of their properties to behave as ligands and binding with receptors [2].

II. REGRESSION ANALYSIS

Regression analysis is a statistical approach for assessment the conjunction among variables. It consists many techniques for modelling, enlacing various variables, when the focus is on the conjunction between a dependent variable and one or more independent variables [3].

A. *Conversion of dependent variable to its respective log values*

In regression analysis, it is necessary in the biological information and the both reliable and concise to implement a understandable model. It is mandatory to be fulfilled that any outputting regression equation returns that constructed only as important mathematically as the data drive to its improvement.

This is also valuable to construct a set of molecules that will harvest a range of values in terms of biological functionalities. Ideally, the bigger the range (>2 log units) in exercise, the simplest it is to produce a identified model. This type of query is maximum sparing in values of problems of calculations. A confined range in biological process is low sparing in terms of reliability of data [4].

Biological information are mostly designate on a mathematical scale an account of the narrow connection between reaction and log consumable in the middle portion

An method for classifying data with several dimensions

Dr. R. Rambabu, Mr. P S S K Sarma, Mrs. A. Josh Mary

Abstract

There is an unprecedented need for massively parallel machine learning due to the growth of large data and high-dimensional streaming data. Hardware deployment, rapid processing speed, dimensionality and volume scaling, learning from streaming data, and automated dimension reduction on high-dimensional data sets are all requirements for this machine learning. Large-scale machine learning problems of this nature are well suited for neural networks. This paper presents a fresh approach to large-scale high-dimensional data handling. This web-based method might manage enormous volumes of big data that are offline and in motion at the same time. Despite using a lot of Kohonen nets, we only retain a tiny portion of each net's neurons (or nodes) after training and delete all of the nets thereafter. We utilize Kohonen nets to choose features and build ensemble classifiers from individual Kohonen neurons. Using Kohonen net-based hardware that is optimized for enormous parallelism, the strategy should be simple to implement. This is where the computer lab's initial results were shown.

Keywords: high-dimensional data, online learning, Kohonen networks, feature selection

1 Introduction

2 The introduction of enormous and real-time data sets has led to considerable changes in the field of machine learning. Modern machine learning systems also face a number of other difficulties, including the requirement to incorporate new technologies, automate machine learning with little human involvement, and learn rapidly from large datasets. Artificial neural network-based classical algorithms are expected to play a significant role in the current revolutions because to their numerous advantages, especially when it comes to addressing the problems presented by massive data. Neural net methods have the ability to handle very large datasets concurrently since many of them rely on live, incremental learning.

Professor & HOD, Assistant Professor[1,2]
Department of Computer Science & Engineering,
Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Using Logical Models to Categorize Personal Hygiene Discussions Online

Mrs. G. Swarna Latha, Dr. R. Rambabu , Mr. Ch.Gopi

Abstract

The goal of this study is to develop a logistic mathematical model for the purpose of locating online grooming incidents. A plethora of variables underscore the vital nature of our work, such as the explosive growth of social media, the cyberepidemic of sexual assault, and the general proliferation of cybercrime. impacts on a child's body are complicated and vary. In 2009 and 2010, the UK's Home Office's Serious Organised Crime Directorate received the most complaints about suspected online conduct, including grooming, related to child exploitation and online protection. Our analysis of more than 160 scripted online interactions allows us to pinpoint the elements of a grooming discourse.

1. Introduction

Our main goal is to create a mathematical model that can identify scripts for online conversations that involve grooming chats. According to the Cambridge Online Dictionary 1.1, "grooming discussion" is defined as "the illegal practice of befriending a child, usually online, with the purpose of encouraging the youngster to participate in sexually exploitative conduct." This artwork was inspired by a number of things. One is the remarkable rise in the number of people utilizing the Internet globally in recent years. As an example, consider the fact that 67% of American houses with children also have internet connection; for children ages 12 to 17, this percentage jumps to 84%, and for those ages 18 to 24, it reaches 97%. With the growth of social media and websites, as well

Our third point is that there is an increase in cybercrime, including online grooming. Fourth, there might be psychological, behavioral, emotional, and legal repercussions for sexually abusing kids. After compiling complaints from 2009 and 2010, the Child Exploitation and Online Protection Service (CEOP)

discovered that the most often reported suspected Internet behavior was online grooming. Inappropriate sexual approaches and encouraging young people to engage in sexual behavior are examples of internet grooming. The Child Exploitation and Online Protection Centre (CEOP) was founded by the UK's Home Office's Serious Organised Crime Agency (SoCA) to research the prevalence of sexual crimes against children, both online and offline, and to provide guidance on the creation of safeguards. CEOP's observations indicate that the offenders most likely possess a thorough understanding of IT and the advantages and disadvantages of the legal system. Anyone, for good or ill, may do anything with the aid of the Internet. As a result, it could be simpler for sexual offenders to adopt false identities and avoid detection. Researching potential victims is made easier for sexual predators by online databases.Even though sexual offenders typically exploit unanticipated circumstances, they nonetheless need to put in some time and effort to arrange their crimes.

Associate Professor , Professor & HOD, Assistant Professor

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Evaluation of the effectiveness of creating mobile apps across a variety of platforms

Dr. R. Rambabu , Mr. P S S K Sarma, Mrs. A. Josh Mary

Abstract:

Developers find it difficult to determine which platform to prioritize because each mobile operating system has its own standards, programming languages, and distribution methods. Nevertheless, several web-based applications have been reported to suffer significant performance drops when using these technologies; in response, web-based multiplatform development tools follow the "create once, deploy everywhere" principle and can be distributed across multiple platforms. This article presents the results of a study that looked at the effectiveness of mobile web applications powered by Android that were created with the PhoneGap framework. We also provide the results of an experiment that measured execution time to define the performance over

Introduction

Advances in mobile systems have made it possible for portable terminals to transform from basic communicators to potent computing instruments. Modern mobile phones are so efficient, so accessible, and so powerful that they can achieve things that were before unthinkable.effectiveness, as well as other options [1]. The foundation of smartphones has always been robust operating systems that resemble a PC-like modular program structure and make it simple for consumers to install and uninstall apps. Every device has a different operating system (OS), and each OS has own set of standards, languages, tools, and channels for downloading and purchasing apps. Programmers are faced with a dilemma since each platform has several customers. Software developers may need to incorporate a larger user base into their business plans

as theyThe utilization of multiplatform development tools that follow the "create once, deploy everywhere" philosophy is one efficient method to address this problem. These tools include Sencha Touch, Appellatory, PhoneGap, and others. These assets leverage cross-platform technologies like HTML, CSS, and JavaScript to control the functionality of the mobile device using a suite of application programming interfaces (APIs). API.In studies that predict a good increase of web browser use as execution environment, mobile target-agnostic development has been taken into consideration [2, 3, 4, 5].Development-focused surveys and case studies have demonstrated that tools still have constraints that prevent them from offering a comprehensive cross-platform solution, even if mobile apps may be easily generated for many platforms [6, 7, 8].The main issues are the differences.

Professor & HOD, Assistant Professor[1,2]

Department of Computer Science & Engineering,

Rajamahendri Institute of Engineering & Technology, Rajamahendravaram.

Predicting Early Reviewers for Effective Product Marketing in E-commerce Website Using Aggregate Ranking Algorithm

K S N V JYOTSNA DEVI

(Department of Computer Science and Engineering, Rajamahendri Institute of Engineering & Technology, Near Pidimgoyyi, Bhoopalapatnam, RAJAMAHENDRAVARAM, E.G. District, Andhra Pradesh, India)

Abstract : Online business is the least demanding method for shopping. In online business, clients can purchase the items by survey the inputs or audits of different clients who are utilized the items before. In view of those sentiments the item can get rank. Be that as it may, the client needs to peruse a great deal of surveys for a specific item so as to get the best item. It was the time taking procedure. In this paper I should propose a framework that I can legitimately gather the audits of the items from on the web and by contrasting those surveys I can get the best item dependent on the great feelings given by before clients of that item.
Keywords-Sentiments, Legitimately, Contrasting , Dependent.

I. INTRODUCTION

Online business, at the end of the day it will be called as E-Commerce or Electronic business. In Online business, every one of the exchanges will be done however web as it were. Clients can without much of a stretch get the ideal items. The administrations, installments, and direction for the use of the item will totally be done by utilizing electronic advances. The online business is the same as the normal business, But the main contrast between is in E-business every one of the exchanges is finished by electronic innovation as it were. In online we can get every one of the administrations like banking, motion picture tickets, inn booking, air tickets, E-booking, exchanging, etc. In online we can get any kind of item. There are a few sites for Online business model Amazon, Flipkart, Paytm, Snapdeal, and so on. Every site is having various kinds of item assortments. For instance, Amazon site is one of the best site in E-business, initially, it began an online book shop with a wide assortment of books later it turned into a store for every one of the items. Presently, Amazon will sell in excess of 200 million items in USA under 35 classifications. In apparel it has 5 million things in Electronics it is having in excess of 24 million items. Today in India the normal clearance of items just from the amazon is around 18 million products[2] . For such web based advertising, gigantic quantities of surveys are given by the clients for the items they bought from the webpage. In view of those surveys different clients can ready to realize what is the great item. Such a client remarks are having a high information on the item. Each buyer needs the great quality item for them, so they must go with the audits posted by others. These audits are especially significant for both the customer and the organizations. As the buyer can ready to know the nature of the item, though the firm can ready to get the input of the item. So the firm can refresh the item as indicated by the shopper's prerequisite and they can get improve in web based showcasing, advancement of item and in keeping up the association with the customer.

For the most part, for a specific item n number of clients can give n audits. For instance, let us take an IPHONE, the audits of various clients are appeared in the figure 1. A few clients state some quality is the best in that telephone and a few says the other quality is the best. In the above figure the greater part of the clients gave that the ease of use is great and the life of the battery for an iPhone is great and numerous others gave the image quality and the sky is the limit from there. In any case by these surveys the customer can ready to comprehend what are highlights and great characteristics of the iPhone and he can without much of a stretch take the choice in buying the items by giving more consideration on the significant highlights. Though the organizations came to know in which angles they have to think to build the rating of the item.

In view of the perceptions of the surveys, in this paper I proposed a framework that depends on the audits given by the client. Propose the positioning system dependent on the significant parts of the items by utilizing the

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of Patent Publications

A.Y 2018-2019

S.NO	Name of the Teacher	Patent Number	Title of the Patent	Year of Award
1.	Dr.Rambabu	201941030301	System and method for securing smart cards and transmitting vehicle events to the user in real time	2019

IQAC COORDINATOR

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2019

(21) Application No.201941030301 A

(43) Publication Date : 09/08/2019

(54) Title of the invention : SYSTEM AND METHOD FOR SECURING SMART CARDS AND TRANSMITTING VEHICLE EVENTS TO USERS IN REAL-TIME

(51) International classification	:G06Q20/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ELEMASETTY UDAY KIRAN
(32) Priority Date	:NA	Address of Applicant :Plot No 115/C, Indranagar,
(33) Name of priority country	:NA	Nagarjunanagar colony, Kushaiguda, Telangana-500062, India.
(86) International Application No	:NA	Telangana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr.SAKE MADHU
(61) Patent of Addition to Application Number	:NA	2)Dr.R RAMBABU
Filing Date	:NA	3)G SIVA KRISHNA
(62) Divisional to Application Number	:NA	4)ELEMASETTY UDAY KIRAN
Filing Date	:NA	5)A NARESH KUMAR
		6)Dr. P L SRINIVASA MURTHY
		7)Dr. R OBULAKONDA REDDY

(57) Abstract :
SYSTEM AND METHOD FOR SECURING SMART CARDS AND TRANSMITTING VEHICLE EVENTS TO USERS IN REAL-TIME Exemplary embodiments of the present disclosure are directed towards a system for securing smart cards and transmitting vehicle events to users in real-time, comprising a smart card system comprising at least one smart card inserting slot, at least one data identification unit, a plurality of speed sensors, the at least one smart card inserting slot configured to secure a plurality of smart cards, the at least one data identification unit configured to identify the data of the plurality of smart cards and transmit the identified data to a control section via a transmitter, the plurality of speed sensors configured to detect the speed of the vehicle and transmit the detected speed information to the at least one data identification unit, the data identification unit configured to identify the speed information and transmit the identified speed information to a plurality of authorized users. FIG.1

No. of Pages : 26· No. of Claims : 10

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of Books/Conferences/Book Chapters

A.Y:2023

S.No	Name of the Author	Title of the Book/Chapters Published	Title of the Publisher	ISBN/ISSN/Number of Proceeding
1.	B. Sudhir J. Kiran Chandrasekhar P. Durga Srinivas	Introduction to Microcontrollers	Pragathi Publications	938123489921
2.	Dr.R.Rambabu	Programming In C For absolute Beginer's	NTL Publication	981-81-953929-9-5
3.	Dr.R.Rambabu	Artificial Intelligence	Scientific International Publishing House	9789357570442

IQAC COORDINATOR

PRINCIPAL

INTRODUCTION TO
Microcontrollers (ECE)
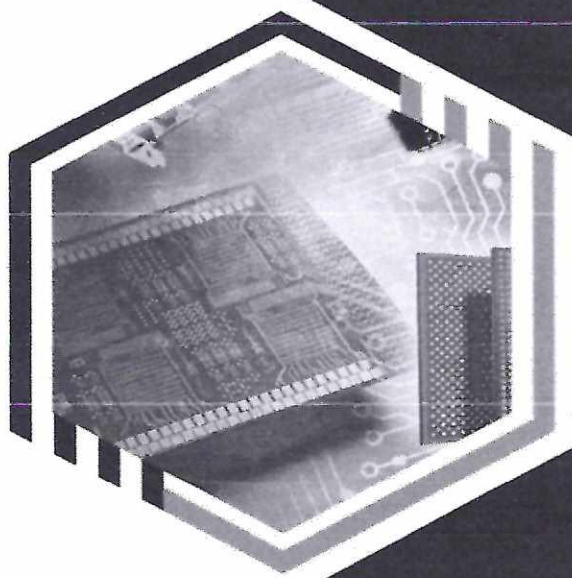
Mr. B. Sudhir, Associate Professor
Mr. J. Kiran Chandrasekhar, Associate Professor
Mr. P. Durga Srinivas, Associate Professor & HOD
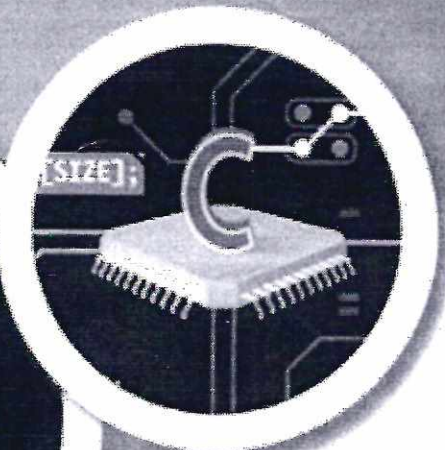
PROGRAMMING IN C FOR ABSOLUTE BEGINNER'S

Authors

Dr. R. RAMBABU | J. SWAPNA
Dr. NELSON KENNEDY BABU C | Mr. CHANDRADEEP BHATT
Mr. VINEET SAXENA | ROHIT KUMAR VERMA

ARTIFICIAL INTELLIGENCE

Dr. Deepak A. Vidhate
Dr. R Rambabu
Dr. Pushpendra Kumar Verma
Mr. Francis Densil Raj V

SPH
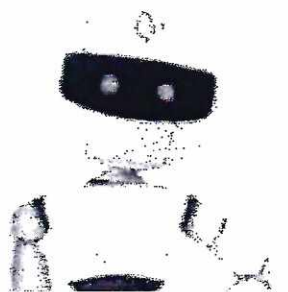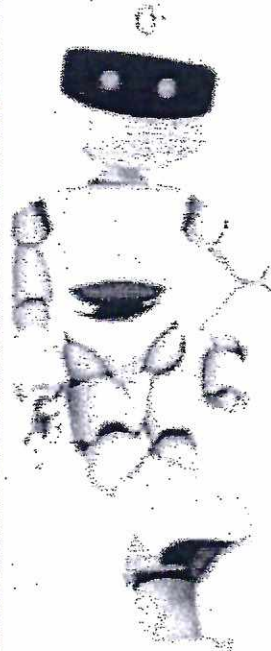
List of Books/Conferences/Book Chapters

A.Y:2022

S.No	Name of the Author	Title of the Book/Chapters Published	Title of the Publisher	ISBN/ISSN/Number of Proceeding
1.	Dr.R.Rambabu P S S K Sarma Ch. Gopi	Handbook of Digital Face Manipulation and Detection	NTL Publication	981-81-953929-9-5

IQAC COORDINATOR

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

HANDBOOK OF DIGITAL
FACE MANIPULATION AND DETECTION

Dr. R. Rambabu, Professor & HOD
Mr. P S S K Sarma, Assistant Professor
Mr. Ch. Gopi, Assistant Professor

FACE RECOGNITIC
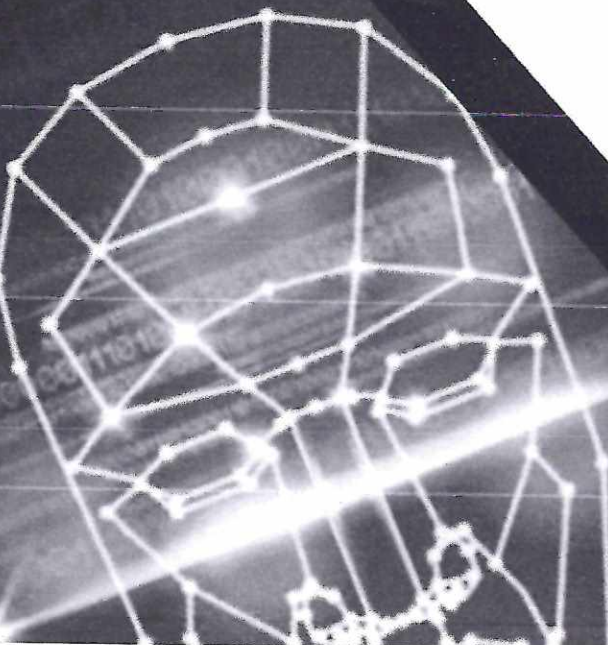
RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

List of Books/Conferences/Book Chapters

A.Y: 2021

S.No	Name of the Author	Title of the Book/Chapters Published	Title of the Publisher	ISBN/ISSN/Number of Proceeding
1.	Dr. D.N Purnima B. N. Pallapa Raju V. Lakshmi Sailaja	Insights of RO Differential Equations	Pragathi Publications	812234550222

IQAC COORDINATOR

PRINCIPAL

INSIGHTS OF RO DIFFERENTIAL EQUATIONS

DR. D.N PURNIMA, PROFESSOR IN MATHEMATICS
MR. B. N. PALLAPA RAJU, ASSISTANT PROFESSOR IN MATHEMATICS
MRS. V. LAKSHMI SAILAJA, ASSISTANT PROFESSOR

List of Books/Conferences/Book Chapters

A.Y 2020-2021

S.NO	Name of the Teacher	Title of the Book/Chapters Published	Title of the Paper	Year of Publication	ISBN/ISSN/Number of Proceeding
1.	P.Sateesh Kumar	Translation and Technology in Teaching	Importance of soft skills training for graduate students	2021	ISSN:2456-2696

IQAC COORDINATOR

PRINCIPAL

CONTEMPORARY ISSUES CHALLENGES AND STRATEGIC MEASURES IN ENGLISH LANGUAGE TEACHING FOR ENGINEERING STUDENTS IN INDIAN CONTEXT

V.R.V.Winson[1],P.Sateesh Kumar[2],V.Arun Kumar[3]

[1]Assistant Professor in English, Department of HBS, GIET Engineering College, Rajahmundry, India
[2]Assistant Professor in English, Department of S & H, Rajamahendri Institute of Engineering & Technology, Rajahmundry, India
[3]Assistant Professor in English, Department of HBS ,BVC College of Engineering, Rajahmundry, India

ABSTRACT

India presents several unique difficulties for English teaching. But obstacles are neither insurmountable nor annoying. Teaching without difficulties is boring and ineffective. Teachers are motivated to do action research by challenges. Action research findings can be used to overcome obstacles.The difficulties include the status of English in India, materials production and consumption, teaching methods, blending, testing, and evaluation, ongoing professional development and training, learner motivation, different socioeconomic and linguistic backgrounds of students, the medium of instruction in schools, backgrounds of different school boards, the amount of exposure to English, the influence of L1, and inadequately trained English teachers in schools.Important English language education stakeholders generally have a tendency to play the blame game neatly without anybody taking responsibility for the students' poor performance in developing communicative competency. The present study aims at identifying the various contemporary issues, challenges and their mitigative measures in teaching and learning English language for engineering students as well as educators in India.

Keywords:English Teaching, Difficulties, Competency, Issues, Measures

1.0 Introduction

All other learning is built on the study of language. Humanity is defined through language. Speaking and using language are both essential components of being human. The means of communication are words. In a heterogeneous and multilingual country like India, English functions as a connecting language and a linguistic intermediary on a worldwide scale. Even after seven decades after the last British colonists departed India, it still has a certain prestige in our nation. However, no other language has emerged to take the place of English as a means of communication or as the official language. It has been increasingly popular as a language for business, economic development, and social mobility over time. Teaching english language to the students from schooling has became a demand from the parents now a days in India. Further, it is clear that for the past thirty years or more, English has become incredibly popular in India, especially among students. It continues to surprise people that the rate of craziness is rising as corporate company and industry flourish in the age of scientific and technical advancements. Undoubtedly, a sizable number of private English Language Teaching Institutes, posing as Spoken English Institutes, have been founded with the sole purpose of stealing the hard-earned

Teaching English as a Foreign Language: Instructor Cognition and Acquiring Equity in Education in Indian Scenario

V.R.V.Winson[1],P.Sateesh Kumar[2],V.Arun Kumar[3]

[1]Assistant Professor in English, Department of HBS, GIET Engineering College, Rajahmundry, India
[2]Assistant Professor in English, Department of S & H, Rajamahendri Institute of Engineering & Technology, Rajahmundry, India
[3]Assistant Professor in English, Department of HBS ,BVC College of Engineering, Rajahmundry, India

ABSTRACT

The process of achieving educational fairness involves teachers who teach English as a foreign language (EFL). Academic achievement of pupils is impacted by teacher cognition, which has a significant impact on teaching practice. Few research have looked closely at EFL instructors' cognition and practice, despite the fact that their position as equity agents has been acknowledged. Furthermore, no review studies have given the goal of illuminating the connections between EFL instructors' behaviors and cognition in the context of educational fairness enough attention. In order to provide a new perspective and generate new insights into this research field, the current study highlights the interaction between equity-oriented cognition and practice among EFL teachers and identifies both experiential and contextual factors that may have an impact throughout the teaching process in the context of Indian Scenario. Finally, the topic of actualizing education as a way of achieving equality is also covered, along with some practical consequences and directions for educators, academics, policymakers, and social justice activists.

Keywords : Educational Fairness, English,Foreign Language,Cognition

1.0 Introduction

Sustainable Development Goal 4 (SDG 4) calls for educational parity, which has long been seen as "an key aspect in enriching the quality of education" [1]. Many non-English-speaking nations have made learning English as a foreign language (EFL) a requirement, and it is seen as a necessary ability for global competence[2]. Therefore, EFL instruction is strongly tied to educational equality and exerts a substantial impact on the process of reducing educational and social inequities globally in the context of moving toward equitable education. By providing equal chances for all learners [3] and meeting the educational requirements of varied student groups [4], equity in EFL teaching may be achieved. However, inequities in EFL teaching persist, manifesting primarily in teachers' control over the class without providing students with equal opportunities to participate in the teaching process [5-6], as well as a failure to understand learners' needs by merely adopting a one-size-fits-all approach regardless of learners identity

ACHARYA NAGARJUNA UNIVERSITY

Department of English
Nagarjuna Nagar, Guntur

ज्ञान-विज्ञान विमुक्तये

U.G.C-SPONSORED NATIONAL SEMINAR

On
Translation and Technology in Teaching
(12 - 13 March, 2021)

Editor-in-Chief
Dr. M. Suresh Kumar
Head, Department of English
Professor of English & Seminar Directo

Editors
Dr. G. Ashok Vardhan
Mr. V. Bujji Babu

ACHARYA NAGARJUNA UNIVERSITY

Department of English

Nagarjuna Nagar, Guntur

U.G.C-SPONSORED NATIONAL SEMINAR

On

Translation and Technology in Teaching

(12 - 13 March, 2021)

Editor-in-Chief

Dr. M. Suresh Kumar

Head, Department of English,

Professor of English & Seminar Director

Editors
Dr. G. Ashok Vardhan
Mr. V. Bujji Babu

U.G.C. SPONSORED NATIONAL SEMINAR

on
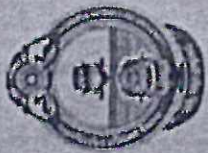
Translation and Technology in Teaching

21st-22nd September 2021
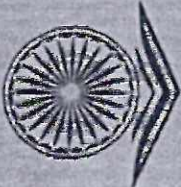
Organised by

DEPARTMENT OF ENGLISH, ACHARYA NAGARJUNA UNIVERSITY

NAGARJUNA NAGAR, GUNTUR, A.P. INDIA

Certificate

This is to certify that Dr./Mr./Mrs./Ms. _P. Satteesh Kumar, Research Scholar_

of _Acharya Nagarjuna University, Guntur_

participated in the U.G.C. Sponsored National Seminar on "*Translation and Technology in Teaching*"

conducted during 21st - 22nd September 2021.

He / She presented a research paper titled "_Importance of Soft Skills training for_

Graduate Students"

PRINCIPAL
RAJA... MAHENDRI
MAHE... TECHNOLOGY
... E.G.Dist.

J.S. Kumar
Prof. M.Suresh Kumar
Seminar Director
24/9/21

IMPORTANCE OF SOFT SKILLS TRAINING FOR GRADUATE STUDENTS

P. Sateesh Kumar
Ph.D (Part Time) Scholar at Acharya Nagarjuna University
Dr.G.Chenna Reddy
Associate Professor of English, ANU

Abstract

The education as well as the market scenario is changing very fast. A decade ago, those individuals who had a brilliant academic record with added work experience were well sought after by most of the corporate institutions. But today hard skills and experience are not sufficient enough for the ingress and escalation in the corporate world. Employers prefer to hire and promote those persons who are resourceful, ethical, and self directed with good communication/ soft skills. Dearth of soft skills in the candidates has resulted in low hiring by corporate. In spite of such great significance of soft skills, many Universities/Colleges are reluctant to incorporate soft skills training in the curriculum of graduate courses. To ensure high quality education, needs of industry are evaluated to be included into academic teaching. This paper aims to present the significant improvement that soft skill training can bring forth in the life of a graduate student.

Keywords: Communicative Skills, Thinking and Problem Solving Skills, Team work, Ethics and Professionalism, Life-long learning, Entrepreneurship skills and Leadership skills.

Introduction:

Soft skills refer to all aspects of generic skills that include the cognitive elements associated with non-academic skills. Soft skills are identified as the most critical skills in the current global job market especially in a fast-moving era of technology. The reorientation of education which is one trust of education for sustainability also relates the importance of these so-called soft skills. The term soft skills is being used to describe skills that managers and leaders use that are subjective in nature, such as creative thinking, dealing with people issues, coaching for performance, and so on.

According to the psychologist Daniel Goleman, soft skills contribute to a person's ability to manage him or herself and relate to other people – skills which matter twice as much as IQ or technical skills in job success. Based on the research, the following soft skills have been identified and chosen to be implemented. They are: **Communicative skills, Thinking and problem solving skills, Teamwork dynamics, Life-long learning and information management, Entrepreneurship skills, Ethics and professionalism and Leadership skills.**
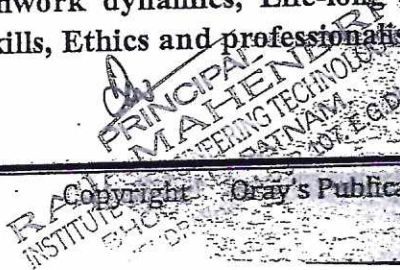
List of Books/Conferences/Book Chapters

A.Y 2018-2019

S.NO	Name of the Teacher	Title of the Paper	Year of Publication	ISBN/ISSN/Number of Proceeding
1.	Dr. R. Rambabu	A Novel Approach in Clustering Algorithm to Evaluate the Performance of Regression Analysis	2018	978-1-5389-6678-4/18
2.	Dr. R. Rambabu	Block Chain - The Modern Internet	2018	
3.	Dr. R. Rambabu	Modified Hierarchical Clustering Algorithms to Evaluate the Similarities of Growth Factor IR Inhibitors by Using Regression Analysis	2018	978-1-5386-6947-1/18

IQAC COORDINATOR

PRINCIPAL

IACC 2018

2018 IEEE 8th INTERNATIONAL ADVANCE COMPUTING CONFERENCE

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT _Dr. R. Rambabu_

FROM _Riet, Rajamahendravaram_

HAS PRESENTED A PAPER TITLED

A Novel Approach In Clustering Algorithm to Evaluate the Performance of Regression Analysis

AT THE 2018 IEEE 8TH INTERNATIONAL ADVANCE COMPUTING CONFERENCE

DATE: 14TH – 15TH DECEMBER 2018
VENUE: BENNETT UNIVERSITY, INDIA.

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

CONFERENCE GENERAL CO-CHAIR

CONFERENCE GENERAL CO-CHAIR

THE TIMES GROUP

BENNETT UNIVERSITY
TIMES OF INDIA GROUP

IEEE

IEEE computer society

IEEE International Advanced Computing Conference

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA, ANDHRA PRADESH, INDIA

One Day National Level Faculty Development Programme on

"Block Chain— The Modern Internet"

Certificate

This is to certify that Mr/Mrs/Ms __DR. R. RAMBABU REDDY__ from __RAJAMAHENDRI__ has

__INSTITUTE OF ENGINEERING & TECHNOLOGY, RAJAMAHENDRAVARAM__

participated in the One Day National Level Faculty Development Programme on "Block Chain –

The Modern Internet", organized by Incubation Centre, JNTUK Kakinada on 16th August 2018, at

JNTUK Kakinada.

Mr. S. Chandrasekhar
Co-ordinator
TPO UCEK(A), JNTUK

Dr. J.V.R. Murthy
Convener
Director IC, JNTUK

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Dr. V.V. Subba Rao
Registrar
JNTUK

GALGOTIAS
UNIVERSITY

4th INTERNATIONAL CONFERENCE ON
COMPUTING COMMUNICATION AND AUTOMATION 2018

(ICCCA 2018)

IEEE CONFERENCE RECORD No. : 44295
GALGOTIAS UNIVERSITY
GREATER NOIDA, NCR NEW DELHI, INDIA

Certificate of Participation

This is to certify that Prof. / Dr. / Mr. / Ms. ...Rambabu R...... of ...R.I.ET,...... Rajamahendravaram, AP .... has presented a paper titled Modified hierarchical clustering algorithms to evaluate the similarities of Growth IR Inhibitors by Using Multivariate Regression Analysis in "4th International Conference on Computing, Communication and Automation 2018 (ICCCA 2018)"

(Technically Sponsored by IEEE UP Section,) organised by Galgotias University during December 14-15, 2018.

PRINCIPAL,
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G. Dist.

Prof. S. Saravana Kumar
General Chair
ICCCA 2018

Technical Sponsors

IEEE
UP SECTION INDIA.

Nalla Chapter

Publication Partners

Springer **IEEE Xplore**
Digital Library

Prof. Renu Luthra
Patron, ICCCA 2018
Vice Chancellor, GU

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: **office@rietrjy.co.in**   Website: **www.rietrjy.co.in**   Ph: **+91 91212 14413**

List of Collaborations

A.Y: 2022-23

S.No	Name of Collaborative Agency with contact details	Date of Establishment	Duration	Area of Collaboration	List of Activities Conducted
1	Edu Skills #806, DLF Cyber City, Technology Corridor, Infocity, Bhubaneswar, Odisha. 7510024, info@eduskillsfoundation.org	10-03-2022	3 Years	Job fairs, Workshops, Seminars, Conferences, internships	Internship
2	Bhimavaram Institute of Engineering & Technology Pennada, Bhimavaram-534243 Ph.: 08816-230366	14-07-2022	1 Year	Research & development, Seminars, Workshops, Training programs, conferences	NIL
3	Amaravathi Software Innovations Private Limited D.No:14-185/3 Morampudi Junction, Rajamahendravaram-533106 9177917791 info@amaravathisoftware.com	20-07-2018	5 Years	Industry visits, Seminars, Conferences, Workshops, Research/Training programs, Internships	Internship
4	Gong Labs Private Limited D-201, Palm springs, Sector 54, Gurgaon, Haryana -12202	02-09-2022	1 Year	Skill Development, Aptitude tests, Live seminars	NIL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

5	Nimra College of Engineering and Technology Jupudi Village, Ibrahimpatnam (M), Vijayawada-521456	07-10-2022	1 Year	Internships, Workshops, Training Programs, R&D projects, Faculty Exchange, Seminars	Internship Faculty Exchange
6	Data Point Info Solutions Flat No:101, Sri Sai RamsSwarnalatha Estates, Yousufguda main road, Telangana-500016 Tel : +91 4048598782 www.datapointinfo.com	14-10-2022	1 Year	Workshops, Seminars, Internships, Projects	Internship
7	Vikas Group Of Institutions JMHG+5FF, Via. Nunna, Vijayawada Rural, Nunna Road, Vijayawada, Andhra Pradesh 521212 9705358939	15-10-2022	1 Year	Workshops, FDP'S, Seminars, Student Exchange, Research & Incubation cell	Internship
8	NRI Institute Of Technology via, Gopalapuram Bus Stop, Pothavarappadu, Nunna Rd, Agiripalli, Vijayawada, Andhra Pradesh 521212 093918 78787 Email : principal@nriit.edu.in Website : www.nriit.edu.in	21-10-2022	1 Year	Faculty Exchange, Seminars, Workshops, Internships, Student Exchange	Internship
9	Dollar Dreams Srinivas D.No-6-3-541/B SBI Lane, Besides NIMS Hospital,Punjagutta,Hyderabad, Telangana-500082 Ph No:8121041276	22-10-2022	1 Year	Workshops, Seminars, Projects, Internships	Internship
10	Persistent Software Services Flat no: F7, Anurag Apartments AVA road Rajahmahendravaram	24-10-2022	1 Year	Internship, Workshops, Seminars	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

11	Revanth Software Solutions Private Limited D.No:46-14-5B, Gandhi Park Back Side, Danavaipeta, Rajahmundry-533126. East Godavari District Ph No:9603726459 Ramakanth24@gmail.com	28-10-2022	1 Year	Industrial visits, Skill development programs, Guest lectures, FDP, Industrial Training, Internships, Seminars	Internship
12	SIR C.R. Reddy College Of Engineering Eluru-534007, Eluru Dist., A.P.	29-10-2022	1 Year	FDP, Seminars, Workshops, Research/Training programs, Internships	FDP
13	AH Career Mounika D.No:#46-9-22, VadrevuBuildings ,Danvaipet, RAJAHMUNDRY-533101 Ph No-9989241515 info@ahcareer.in www.ahcareer.in	31-10-2022	1 Year	Research & Development, Skill development, Guest lectures, FDP, Internships, Workshops, Seminars	Internship
14	Anurag IT Solutions Pvt.Ltd. D.No:22-9-15/3 oppBijili ice factory, KambalaCheruvu Rajamahendravaram East Godavari-533101 Ph No-7386259796 info@anuragitsolutions.com www.anuragitsolutions.com	12-12-2022	1 Year	Internships, Training programs, Workshops, seminars	Internship
15	Suchi IT Solutions H.NO.16-9-648/1, Flat No.102, Kala Residency, Old Marakpet, Hyderabad Telangana-500036. R.R.Dist,	08-05-2023	2 Years	Training programs, Seminars, Workshops, Internships	NIL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

16	Ph:7207908183 admin@suchiit.com Pydah Engineering College Yanam road, Patavala Kakinada-533461. East Godavari District	16-11-2022	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
17	BVC College of Engineering Palacharla (V), Rajanagaram (M) Rajamahendravaram-533102 East Godavari District	16-11-2022	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
18	Srinivasa Institute of Management Studies P.M.Palem Madhurawada Visakhapatnam-530041	02-11-2022	1 Year	Seminars, Workshops, Research/Training programs, Internships	NIL
19	Dharsana Enterprises Ground Floor, 41-5-20 Old Police Station Road Krishna Lanka Vijayawada-5220013	07-12-2020	1 Year	e-waste solid waste	e-waste solid waste

IQAC COORDINATOR

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: **office@rietrjy.co.in**   Website: **www.rietrjy.co.in**   Ph: **+91 91212 14413**

List of Collaborations

A.Y: 2021-22

S.No	Name of Collaborative Agency with contact details	Date of Establishment	Duration	Area of Collaboration	List of Activities Conducted
1	Amaravathi Software Innovations Private Limited D.No:14-185/3 Morampudi Junction, Rajamahendravaram-533106 9177917791 info@amaravathisoftware.com	20-07-2018	5 Years	Industry visits, Seminars, Conferences, Workshops, Research/Training programs, Internships	Internship
2	Nimra College of Engineering and Technology Jupudi Village, Ibrahimpatnam (M), Vijayawada-521456	07-10-2021	1 Year	Internships, Workshops, Training Programs, R&D projects, Faculty Exchange, Seminars	Internship
3	Data Point Info Solutions Flat No:101, Sri Sai RamsSwarnalatha Estates, Yousufguda main road, Telangana-500016 Tel : +91 4048598782 www.datapointinfo.com	13-10-2021	1 Year	Workshops, Seminars, Internships, Projects	Internship
4	Vikas Group Of Institutions JMHG+5FF, Via. Nunna, Vijayawada Rural, Nunna Road, Vijayawada, Andhra Pradesh 521212 9705358939	14-10-2021	1 Year	Workshops, FDP'S, Seminars, Student Exchange, Research & Incubation cell	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

5	NRI Institute Of Technology via, Gopalapuram Bus Stop, Pothavarappadu, Nunna Rd, Agiripalli, Vijayawada, Andhra Pradesh 521212 093918 78787 Email : principal@nriit.edu.in Website : www.nriit.edu.in	18-10-2021	1 Year	Faculty Exchange, Seminars, Workshops, Internships, Student Exchange	Internship
6	Dollar Dreams Srinivas D.No-6-3-541/B SBI Lane, Besides NIMS Hospital,Punjagutta,Hyderabad, Telangana-500082 Ph No:8121041276	21-10-2021	1 Year	Workshops, Seminars, Projects, Internships	Internship
7	Persistent Software Services Flat no: F7, Anurag Apartments AVA road Rajahmahendravaram	23-10-2021	1 Year	Internship, Workshops, Seminars	Internship
8	Revanth Software Solutions Private Limited D.No:46-14-5B, Gandhi Park Back Side, Danavaipeta, Rajahmundry-533126. East Godavari District Ph No:9603726459 Ramakanth24@gmail.com	27-10-2021	1 Year	Industrial visits, Skill development programs, Guest lectures, FDP, Industrial Training, Internships, Seminars	Internship
9	SIR C.R.Reddy College Of Engineering Eluru-534007, Eluru Dist., A.P.	28-10-2021	1 Year	FDP, Seminars, Workshops, Research/Trai ning programs, Internships	FDP
10	AH Career Mounika D.No-#46-9-22, Vadrevu Buildings ,Danvaipet,	29-10-2021	1 Year	Research & Development, Skill development,	

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

				Guest lectures, FDP, Internships, Workshops, Seminars	Internship
	RAJAHMUNDRY-533101 Ph No-9989241515 info@ahcareer.in www.ahcareer.in				
11	Edu Skills #806, DLF Cyber City, Technology Corridor, Infocity, Bhubaneswar, Odisha. 7510024, info@eduskillsfoundation.org	10-03-2022	1 Year	Job fairs, Workshops, Seminars, Conferences, internships	Internship
12	Pydah Engineering College Yanam road, Patavala Kakinada-533461. East Godavari District	11-06-2021	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
13	BVC College of Engineering Palacharla (V), Rajanagaram (M) Rajamahendravaram-533102 East Godavari District	16-11-2021	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship Faculty Exchange
14	Srinivasa Institute of Management Studies P.M.Palem Madhurawada Visakhapatnam-530041	01-11-2021	1 Year	Seminars, Workshops, Research/Training programs, Internships	NIL
15	Dharsana Enterprises Ground Floor, 41-5-20 Old Police Station Road Krishna Lanka Vijayawada-5220013	06-12-2021	1 Year	e-waste solid waste	e-waste solid waste

IQAC COORDINATOR
IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: **office@rietrjy.co.in**   Website: **www.rietrjy.co.in**   Ph: **+91 91212 14413**

List of Collaborations

A.Y: 2020-21

S.No	Name of Collaborative Agency with contact details	Date of Establishment	Duration	Area of Collaboration	List of Activities Conducted
1	Amaravathi Software Innovations Private Limited D.No:14-185/3 Morampudi Junction, Rajamahendravaram-533106 9177917791 info@amaravathisoftware.com	20-07-2018	5 Years	Industry visits, Seminars, Conferences, Workshops, Research/Training programs, Internships	Internship
2	Nimra College of Engineering and Technology Jupudi Village, Ibrahimpatnam (M), Vijayawada-521456	07-10-2020	1 Year	Internships, Workshops, Training Programs, R&D projects, Faculty Exchange, Seminars	Internship Faculty Exchange
3	Data Point Info Solutions Flat No:101, Sri Sai RamsSwarnalatha Estates, Yousufguda main road, Telangana-500016 Tel : +91 4048598782 www.datapointinfo.com	12-10-2020	1 Year	Workshops, Seminars, Internships, Projects	Internship
4	Vikas Group Of Institutions JMHG+5FF, Via. Nunna, Vijayawada Rural, Nunna Road, Vijayawada, Andhra Pradesh 521212 9705358939	13-10-2020	1 Year	Workshops, FDP's, Seminars, Student exchange, Research & incubation cell	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

5	NRI Institute Of Technology via, Gopalapuram Bus Stop, Pothavarappadu, Nunna Rd, Agiripalli, Vijayawada, Andhra Pradesh 521212 093918 78787 Email : principal@nriit.edu.in Website : www.nriit.edu.in	15-10-2020	1 Year	Faculty Exchange, Seminars, Workshops, Internships, Student Exchange	Internship
6	Dollar Dreams Srinivas D.No-6-3-541/B SBI Lane, Besides NIMS Hospital,Punjagutta,Hyderabad, Telangana-500082 Ph No:8121041276	20-10-2020	1 Year	Workshops, Seminars, Projects, Internships	Internship
7	Lavish SR Technologies Flat No: S1 Pavan kunj, AVA Road, Rajamahendravaram	22-10-2020	1 Year	Internship, Workshops, Seminars	NIL
8	Revanth Software Solutions Private Limited D.No:46-14-5B, Gandhi Park Back Side, Danavaipeta, Rajahmundry-533126. East Godavari District Ph No:9603726459 Ramakanth24@gmail.com	26-10-2020	1 Year	Industrial visits, Skill development programs, Guest lectures, FDP, Industrial Training, Internships, Seminars	Internship
9	SIR C.R.Reddy College Of Engineering Eluru-534007, Eluru Dist., A.P.	27-10-2020	1 Year	FDP, Seminars, Workshops, Research/Training programs, Internships	NIL
10	AH Career Mounika D.No-#46-9-22, Vadrevu	28-10-2020		Research & Development, Skill	

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

	Buildings ,Danvaipet, RAJAHMUNDRY-533101 Ph No-9989241515 info@ahcareer.in www.ahcareer.in		1 Year	development, Guest lectures, FDP, Internships, Workshops, Seminars	Internship
11	Pydah Engineering College Yanam road, Patavala Kakinada-533461. East Godavari District	16-11-2020	1 Year	Seminars, Workshops, Research/Trai ning programs, Internships	Internship
12	BVC College of Engineering Palacharla (V), Rajanagaram (M) Rajamahendravaram-533102 East Godavari District	16-11-2020	1 Year	Seminars, Workshops, Research/Trai ning programs, Internships	Internship
13	Srinivasa Institute of Management Studies P.M.Palem Madhurawada Visakhapatnam-530041	30-10-2020	1 Year	Seminars, Workshops, Research/Trai ning programs, Internships	NIL
14	Dharsana Enterprises Ground Floor, 41-5-20 Old Police Station Road Krishna Lanka Vijayawada-5220013	07-12-2020	1 Year	e-waste solid waste	e-waste solid waste

IQAC COORDINATOR

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

List of Collaborations

A.Y: 2019-20

S.No	Name of Collaborative Agency with contact details	Date of Establishment	Duration	Area of Collaboration	List of Activities Conducted
1	NRI Institute Of Technology via, Gopalapuram Bus Stop, Pothavarappadu, Nunna Rd, Agiripalli, Vijayawada, Andhra Pradesh 521212 093918 78787 Email : principal@nriit.edu.in Website : www.nriit.edu.in	05-06-2019	1 Year	Faculty Exchange, Seminars, Workshops, Internships, Student Exchange	Internship
2	Nimra College of Engineering and Technology Jupudi Village, Ibrahimpatnam (M), Vijayawada-521456	12-06-2019	1 Year	Internships, Workshops, Training Programs, R&D projects, Faculty Exchange, Seminars	Internship Faculty Exchange
3	Dollar Dreams Srinivas D.No-6-3-541/B SBI Lane, Besides NIMS Hospital,Punjagutta,Hyderabad, Telangana-500082 Ph No:8121041276	15-06-2019	1 Year	Workshops, Seminars, Projects, Internships	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

4	Vikas Group Of Institutions JMHG+5FF, Via. Nunna, Vijayawada Rural, Nunna Road, Vijayawada, Andhra Pradesh 521212 9705358939	19-06-2019	1 Year	Workshops, FDP's, Seminars, Student exchange, Research & incubation cell	Internship
5	AH Career Mounika D.No-#46-9-22, Vadrevu Buildings ,Danvaipet, RAJAHMUNDRY-533101, Ph No-9989241515 info@ahcareer.in www.ahcareer.in	05-07-2019	1 Year	Research & Development, Skill development, Guest lectures, FDP, Internships, Workshops, Seminars	Internship
6	Lavish SR Technologies Flat No: S1 Pavan kunj, AVA Road, Rajamahendravaram	12-07-2019	1 Year	Internship, Workshops, Seminars	NIL
7	Revanth Software Solutions Private Limited D.No:46-14-5B, Gandhi Park Back Side, Danavaipeta, Rajahmundry-533126. East Godavari District Ph No:9603726459 Ramakanth24@gmail.com	19-07-2019	1 Year	Industrial visits, Skill development programs, Guest lectures, FDP, Industrial Training, Internships, Seminars	Internship
8	Amaravathi Software Innovations Private Limited D.No:14-185/3 Morampudi Junction, Rajamahendravaram-533106 9177917791 info@amaravathisoftware.com	20-07-2018	5 Years	Industry visits, Seminars, Conferences, Workshops, Research/Training programs,	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

				Internships	
9	SIR C.R. Reddy College Of Engineering Eluru-534007,Eluru Dist., A.P.	25-07-2019	1 Year	FDP, Seminars, Workshops, Research/Training programs, Internships	NIL
10	Data Point Info Solutions Flat No:101, Sri Sai RamsSwarnalatha Estates, Yousufguda main road, Telangana-500016 Tel : +91 4048598782 www.datapointinfo.com	26-07-2019	1 Year	Workshops, Seminars, Internships, Projects	Internship
11	Pydah Engineering College Yanam road, Patavala Kakinada-533461. East Godavari District	02-07-2019	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
12	BVC College of Engineering Palacharla (V), Rajanagaram (M) Rajamahendravaram-533102 East Godavari District	02-07-2019	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
13	Srinivasa Institute of Management Studies P.M.Palem Madhurawada Visakhapatnam-530041	27-06-2019	1 Year	Seminars, Workshops, Research/Training programs, Internships	NIL

IQAC COORDINATOR

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

List of Collaborations

A.Y: 2018-19

S.No	Name of Collaborative Agency with contact details	Date of Establishment	Duration	Area of Collaboration	List of Activities Conducted
1	NRI Institute of Technology via, Gopala Puram Bus Stop, Pothavarappadu, Nunna Rd, Agiripalli, Vijayawada, Andhra Pradesh 521212 093918 78787 Email: principal@nriit.edu.in Website : www.nriit.edu.in	01-06-2018	1 Year	Faculty Exchange Seminars Workshops Internships Student Exchange	Internship
2	Nimra College of Engineering and Technology Jupudi Village, Ibrahimpatnam (M), Vijayawada-521456	11-06-2018	1 Year	Internships, Workshops, Training Programs, R&D projects, Faculty Exchange, Seminars	Internship Faculty Exchange
3	Dollar Dreams Srinivas D.No-6-3-541/B SBI Lane, Besides NIMS Hospital,Punjagutta,Hyderabad Telangana-500082 Ph No:8121041276	14-06-2018	1 Year	Workshops, Seminars, Projects, Internships	Internship
4	Vikas Group Of Institutions JMHG+5FF, Via. Nunna, Vijayawada Rural, Nunna Road, Vijayawada, Andhra Pradesh 521212 9705358939	18-06-2018	1 Year	Workshops, FDP's, Seminars, Student exchange, Research & incubation cell	Internship
5	Data Point Info Solutions Flat No:101, Sri Sai RamsSwarnalatha Estates, Yousufguda main road, Telangana-500016	25-06-2018	1 Year	Workshops, Seminars, Internships, Projects	Internship

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

	Tel : +91 4048598782 www.datapointinfo.com				
6	AH Career Mounika D.No-#46-9-22, VadrevuBuildings ,Danvaipet, RAJAHMUNDRY-533101 Ph No-9989241515 info@ahcareer.in www.ahcareer.in	04-07-2018	1 Year	Research & Development, Skill development, Guest lectures, FDP, Internships, Workshops, Seminars	Internship
7	Lavish SR Technologies Flat No: S1 Pavan kunj, AVA Road, Rajamahendravaram	11-07-2018	1 Year	Internship, Workshops, Seminars	NIL
8	Revanth Software Solutions Private Limited D.No:46-14-5B, Gandhi Park Back Side, Danavaipeta, Rajahmundry-533126. East Godavari District Ph No:9603726459 Ramakanth24@gmail.com	18-07-2018	1 Year	Industrial visits, Skill development programs, Guest lectures, FDP, Industrial Training, Internships, Seminars	Internship
9	Amaravathi Software Innovations Private Limited D.No:14-185/3 Morampudi Junction, Rajamahendravaram-533106 9177917791 info@amaravathisoftware.com	20-07-2018	5 Years	Industry visits, Seminars, Conferences, Workshops, Research/Training programs, Internships	Internship
10	SIR C.R. Reddy College Of Engineering ELURU-534007, Eluru Dist., A.P.	24-07-2018	1 Year	FDP, Seminars, Workshops, Research/Training programs, Internships	NIL
11	Kalinga University, Kotni, Near Mantralaya, Naya Raipur-492101 Ph: +91-9303097043 Email:kalingauniversity1@gmail.com	08-03-2019	1 Year	Seminars, Conferences, Workshops, Internships	NIL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

12	Pydah Engineering College Yanam road, Patavala Kakinada-533461. East Godavari District	02-07-2018	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
13	BVC College of Engineering Palacharla (V), Rajanagaram (M) Rajamahendravaram-533102 East Godavari District	02-07-2018	1 Year	Seminars, Workshops, Research/Training programs, Internships	Internship
14	Srinivasa Institute of Management Studies P.M.Palem Madhurawada Visakhapatnam-530041	26-06-2018	1 Year	Seminars, Workshops, Research/Training programs, Internships	NIL

IQAC COORDINATOR

IQAC
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Entrepreneurship Development Cell Activities

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3. Percentage of teaching and non.teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

FACULTY DEVELOPMENT PROGRAMMES			A.Y :2022-2023
S. No.	Title of the FDP	Date	No.of Participants
1	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022	38
2	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022	16
3	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023	22
ADMINISTRATIVE TRAINING PROGRAMS		Date	No.of Participants
1	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023	20

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPs/ATPs during the last five years

A.Y :2022-2023

S.No	Name of the Faculty	Title of the FDP	Date(s) From-To
1	Duvvuri Naga purnima	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
2	Sateesh Kumar Pithani	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
3	Peruri Durga Srinivas	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
4	Balla Naga Pallapa Raju	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
5	Cheeli Suresh Kumar	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
6	Arava Naga Babu	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
7	K K S Laxmi Sailaja	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
8	Murali Krishna Donga	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
9	Sorapalli Sandhya	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
10	Mogili Gopi Krishna	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022

11	Cheemala Sesha Rao	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
12	Varadi Lakshmi Sailaja	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
13	Murali Krishna Perisetti	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
14	Pacchari Atcha Rao	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
15	Ganisetti Satyavani	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
16	Kedarisetti Abhilash	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
17	Pathri Naga Yamuna	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
18	Vara Lakshmi Kapaka	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
19	Vanamali Nandana	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
20	Koneti Satyanarayana	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
21	Kasipathi Kakileti	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
22	Upparapalli Dhanalakshmi	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
23	Varada Bhavani	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
24	Saka Sireesha	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022

25	Ambavarapu Vdb Satyavathi	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
26	Kommoju V V Pavankumar	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
27	Pothula Divya Manga Prasanthi	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
28	D.Murali Krishna	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
29	Medikonda Murali Krishna	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
30	Komarthi Srirama Kumar	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
31	Perisetti Hemanth	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
32	Yedla Amar Babu	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
33	Y Rajesh	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
34	Dulam N V Ramana Kumar	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
35	K.Raju	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
36	Ganguluri Buli Raju	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
37	Hanumanthuvaghal Naveen Sekhar	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022
38	Malakapalli Mehar Krishna	A one week FDP on Innovative Teaching and Learning strategies for Outcome –Based Education	11-07-2022 to 16-07-2022

39	Tadepalli Gangadhara Rao	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
40	Nalam P U V S N Pavan Kumar	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
41	Garapati Krishna	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
42	Buradagunta Sesharatnam	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
43	R.V. Gopala Krishna	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
44	Doma Jyothi	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
45	Davuluri Parvathi	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
46	Sudhir Balla	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
47	J.Kiran Chandra Sekhar	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
48	Kaothapalli Ravi Kumar	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
49	David Prakash Yellamelli	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
50	Bhemadolu Vijaya	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
51	Vanapalli Devi Ramya Sri	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
52	Nara Chandra Sekhar	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
53	B.V.Satya Sai	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022
54	N.Suresh	A one week FDP on Keil Embedded Development Tools For ARM	21-11-2022 to 26-11-2022

55	Koppisetti Gowthami	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
56	Vallamkonda Jyothi	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
57	Bokka Renu Sri	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
58	Rambabu Rampatruni	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
59	S N V J Devi Kosuru	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
60	Pothumudi Manasa	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
61	Maddula Ratna Mohitha	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
62	Maddipati Susmitha Chowdary	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
63	Josh Mary Anukula	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
64	Yanamandara L S S V Prasad	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
65	Dinesh Ram Gorrala	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
66	Koyye Suresh	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
67	Mamidi J Venkata Naga Sarat Kiran	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
68	Kandregula Jyothi	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
69	Umamaheswararao Ravi	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
70	Pothula Sai Rama Krishna	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023

71	Venna Ashok Ganapathi	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
72	Sesha Valli Penke	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
73	Ganisetti Krishna Prasad	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
74	Prakya S S K Sarma	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
75	Chindada Gopi	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
76	Swarnalatha Garapati	A one week FDP on Cyber Security in the ERA of Artificial Intelligence	01/05/2023 to 06/05/2023
77	P. Naranaya Swamy	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
78	S. Bhagya	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
79	B. Bhuvan Chandra	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
80	T. Srinivas	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
81	N. M. Priya	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
82	P. S. R. C. Raju	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
83	G. Hema	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023

84	V.Sridhar	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
85	D. L. Jyothi	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
86	S. Raj Kumar	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
87	B. M. Ravi Ram	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
88	P. Satish	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
89	Ch. Ganapathi	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
90	V. Madhu	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
91	P. Jaya Alekhya	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
92	T. Sridevi	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
93	N. Lalitha	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023

94	M. Devika	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
95	K.Abhilash	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023
96	U. Bhavani	A One Week Administrative Training Program on Microsoft office for non teaching staff	13-03-2023 to 18-03-2023

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3. Percentage of teaching and non teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

FACULTY DEVELOPMENT PROGRAMMES			A.Y :2021-2022
S.No	Title of the FDP	Date	No of Participants
1	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021	15
2	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022	33
3	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2041	21
ADMINISTRATIVE TRAINING PROGRAMS		Date	No of Participants
1	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021	9

M. /₁₅₁

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPS/ATPs during the last fi years

A.Y :2021-2022

S.No	Name of the Faculty	Title of the FDP	Date(s) From-To
1	Tadepalli Gangadhara Rao	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
2	Dasrai Vijay Harshavardhan	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
3	V Acharyulu Kallakuri	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
4	Davuluri Parvathi	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
5	Doma Jyothi	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
6	Nalam P U V S N Pavan Kumar	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
7	Bhemadolu Vijaya	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
8	Kaothapalli Ravi Kumar	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
9	Garapati Krishna	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
10	Ramayanapu Vamsi Gopala Krishna	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
11	Buradagunta Sesharatnam	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021

12	David Prakash Yellamelli	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
13	Vanapalli Devi Ramya Sri	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
14	B.Venkata Satya Sai	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
15	Mulakala Siromani	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
16	Duvvuri Nagapurnima	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
17	Sateesh Kumar Pithani	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
18	Peruri Durga Srinivas	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
19	Cheeli Suresh Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
20	K K S Laxmi Sailaja	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
21	D.Murali Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
22	Kedarisetti Abhilash	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
23	Cheemala Sesha Rao	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
24	Sorapalli Sandhya	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
25	Pathri Naga Yamuna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
26	Mude Narendra	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
27	Mogili Gopi Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022

28	Varadi Lakshmi Sailaja	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
29	P.Murali Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
30	Pacchari Atcha Rao	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
31	Vara Lakshmi Kapaka	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
32	Vanamali Nandana	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
33	Koneti Satyanarayana	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
34	Kasipathi Kakileti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
35	Upparapalli Dhanalakshmi	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
36	V.Bhavani	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
37	Saka Sireesha	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
38	Kommoju V V Pavankumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
39	Yedla Amar Babu	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
40	Y Rajesh	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
41	Dulam N V Ramana Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
42	Kundum Pavan Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
43	Raju Koppisetti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022

44	Boddeti Kiran	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
45	Borusu Venkata Satya Sai	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
46	Hanumanthuvaghal Naveen Sekhar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
47	Mude Narendra	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
48	Murali Krishna Perisetti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
49	S N V J Devi Kosuru	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
50	Koppisetti Gowthami	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
51	Bharathi Devi Seerapu	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
52	N V Ramya Devi Kotla	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
53	Talluri Sushma	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
54	Sesha Valli Penke	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
55	Rambabu Rampatruni	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
56	Kandregula Jyothi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
57	Konala Padmavathi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
58	Maddipati Susmitha Chowdary	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
59	Josh Mary Anukula	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022

60	Nakka Mamatha Violet	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
61	Yanamandara L S S V Prasad	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
62	Koyye Suresh	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
63	Prakya S S K Sarma	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
64	Doodala Konda Babu	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
65	Gara Jaya Raju	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
66	Mamidi J Venkata Naga Sarat Kiran	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
67	Venna Ashok Ganapathi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
68	Chindada Gopi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
69	Swarnalatha Garapati	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
70	V . Madhu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
71	P. Sathish Babu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
72	M. N. V. S. Srinivas	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
73	T. Srinivas	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
74	V. N. Prasad	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
75	P. Anjaneyulu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021

76	P. S. R. C. Raju	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
77	T. Sridevi	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
78	K. Parvsthi	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021

H. *(signature)*

PRINCIPAL

6.3.3. Percentage of teaching and non teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

S.No.	FACULTY DEVELOPMENT PROGRAMMES		A.Y :2020-2021
	Title of the FDP	Date	No of Participants
1	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020	18
2	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021	11
3	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021	39
	ADMINISTRATIVE TRAINING PROGRAMS	Date	No of Participants
1	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021	14

H.

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPs/ATPs during the last five years

A.Y :2020-2021

S.No	Name of the Faculty	Title of the FDP	Date(s) From-To
1	Nallamilli Veerendra Kumar Reddy	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
2	Attru Hanumatha Rao	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
3	Garapati Swarna Latha	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
4	Nakka Sindhuri	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
5	Jagatha Satya Narendra Kumar	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
6	Gorla Dinesh Ram	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
7	Bobburi Rajesh	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
8	Yanamandra L S S V Prasad	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
9	J.Venkata Ratnam	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
10	Koppisetty Gowthami	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
11	Anukula Josh Mary	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020

12	Talluri Sushma	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
13	M.Sravani	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
14	N.Anusha	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
15	Seerapu Bharathi Devi	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
16	Ramapatruni Rambabu	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
17	Chindada Gopi	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
18	Prakya R S Sankara Sarma	A one week FDP on Machine Learning to Deep learning :Trends & Challenges	23-11-2020 to 28-11-2020
19	Kothapalli Ravi Kumar	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
20	Pulidindi Venkata Ratnam	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
21	Garapati Krishna	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
22	Tadepalli Gangadhara Rao	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
23	Kallakuri Veerabhadracharyu	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
24	Doma Jyothi	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
25	Kalepu Dhanalakshmi	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021

26	R.Srinivas	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
27	Davuluri Parvathi	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
28	Bhimadolu Vijaya	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
29	Dasrai Vijay Harshavardhan	A one week FDP on Satellite Communication	01-02-2021 to 06-02-2021
30	Peruri Durga Srinivas	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
31	Cheekatla Rajya Lakshmi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
32	Doma Jyothi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
33	Addepalli Swathi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
34	Pathri Naga Yamuna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
35	Varadi Lakshmi Sailaja	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
36	Duvvuri Naga Purnima	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
37	Kalepu Dhanalakshmi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
38	Khandavalli K.S. Lakshmi Sailaja	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
39	Cheeli Suresh Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021

40	Talabattula Prasanth Jaya Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
41	Vdm Bharathi Mahanthi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
42	Kapaka Varalakshmi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
43	Kakileti Kashipathi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
44	Mogili Gopi Krishna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
45	Cheemala Sesha Rao	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
46	Sangamitra Rayudu	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
47	Pacchari Atcha Rao	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
48	N.Anusha	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
49	Pithani Satish Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
50	Alapati Bala Narayana	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
51	Karri Hari Priya	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
52	Karri Sri Lakshmi	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
53	Sampara Lds Priyanka	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
54	Kolla H S Naga Vani	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
55	Donga Murali Krishna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021

56	Parasa Kondala Rao	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
57	Kantipudi Jyothsna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
58	Medikonda Muralikrishna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
59	Komarthi Sri Ram Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
60	Malakapalli Mehar Krishna	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
61	Sheik Arief	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
62	Gopi Satya Sai Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
63	Yedla Amarbabu	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
64	Polinati Manjusha	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
65	Kundum Pavan Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
66	Mude Narendra	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
67	Vadlamudi Ravikumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
68	Dulam Narendra Venkata Ramana Kumar	A one week FDP on Humanities and Ethics in Technology Innovation	23-03-2021 to 27-03-2021
69	V. Madhu	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
70	P. Satish Babu	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
71	Ch. Ganapathi	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021

72	K.Abhilash	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
73	P. S. R. C. Raju	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
74	P. Anjanaylu	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
75	K.Pravathi	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
76	T. Sridevi	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
77	N.Lalitha	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
78	S. Bhagya	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
79	S. S. Lalitha	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
80	P. Narayana Swamy	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
81	K. Satyanarayana	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021
82	V. sridhar	A One Week Administrative Training Program on Microsoft Excel Spread Sheet	05-04-2021 to 10-04-2021

M.

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3. Percentage of teaching and non teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

FACULTY DEVELOPMENT PROGRAMMES			A.Y :2019-2020
S.No	Title of the FDP	Date	No of Participants
1	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019	14
2	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019	19
3	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019	36
ADMINISTRATIVE TRAINING PROGRAMS		Date	No of Participants
1	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019	13

M. /᠘᠕
PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
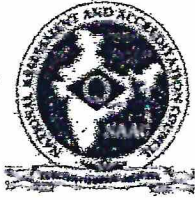## INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in · Website: www.rietrjy.co.in · Ph: +91 91212 14413

6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPs/ATPs during the last five years

A.Y :2019-2020

S.No.	Name of the Faculty	Title of the FDP	Date(s) From-To
1	Kothapalli Ravi Kumar	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
2	P.Kuldeep	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
3	Kalepu Dhanalakshmi	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
4	G.Bharathi Srija	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
5	Davuluri Parvathi	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
6	Garapati Krishna	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
7	Rajamandrapu Srinivas	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
8	Pulidindi Venkata Ratnam	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
9	Bhimadolu Vijaya	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
10	M. Arjuna Rao	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
11	Kallakuri Veerabhadracharyu	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
12	Doma Jyothi	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
13	Dasrai Vijay Harshavardhan	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019

14	Tadepalli Gangadhara Rao	A one week FDP on Drone Technology	21-10-2019 to 26-10-2019
15	Nallamilli Veerendra Kumar Reddy	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
16	Attru Hanumatha Rao	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
17	Yanamandra L S S V Prasad	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 , to 26-10-2019
18	Gara Jaya Raju	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
19	Jagatha Satya Narendra Kumar	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
20	Mohammad Amanullah	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
21	L.M.R.D.Pradad	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
22	Ramapatruni Rambabu	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
23	Kotla N V Ramya Devi	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
24	Ksnv Jyotsna Devi	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
25	Seerapu Bharathi Devi	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
26	Nakka Sindhuri	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
27	Anukula Josh Mary	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
28	Yalla S.J.V.D.B. Devika Rani	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
29	Pilli Suneetha	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019

30	Y.Sowjanya	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
31	Chindada Gopi	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
32	Prakya R S Sankara Sarma	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
33	Garapati Swarna Latha	A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	21-10-2019 to 26-10-2019
34	Duddupudi Brahmananda Chowdary	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
35	Peruri Durga Srinivas	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
36	Duvvuri Naga Purnima	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
37	Addepalli Swathi	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
38	Cheekatla Rajya Lakshmi	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
39	Cheeli Suresh Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
40	Talabattula Prasanth Jaya Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
41	Donga Murali Krishna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
42	Pathri Naga Yamuna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
43	Pacchari Atcha Rao	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
44	M.Narendra	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
45	Khandavalli K.S. Lakshmi Sailaja	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019

46	Kapaka Varalakshmi	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
47	Pithani Satish Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
48	K Sandhya	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
49	Alapati Bala Narayana	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
50	G.Bhaskara Rao	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
51	Kolla H S Naga Vani	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
52	K.Ramesh	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
53	Mapati Hemasri Satya Madhulatha	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
54	Sampara Lds Priyanka	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
55	M.Vasantha Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
56	R.Srinivas	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
57	Donga Murali Krishna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
58	R.Teja Sri	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
59	Parasa Kondala Rao	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
60	K.Sri Lakshmi	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
61	Kantipudi Jyothsna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019

62	Malakapalli Mehar Krishna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
63	P.VASU	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
64	Komarthi Sri Ram Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
65	S.Srinu Babu	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
66	Gopi Satya Sai Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
67	V.D.Bhargav	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
68	Dulam Narendra Venkata Ramana Kumar	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
69	Perisetti Muralikrishna	A one week FDP on soft skills development for Academic Success	19-08-2019 to 24-08-2019
70	P. S. R. C. Raju	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
71	P. V. V. S. Murthy	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
72	B. Koteswar Rao	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
73	S. K. Ahamd	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
74	V. Naresh Kumar	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
75	V. S. Murthy	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
76	N. Nageswar Rao	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
77	V.Surya	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019

78	N. Chandra Shekar	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
79	V. Sridhar	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
80	N. Pavan Kumar	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
81	M. N. V. S. Srinivas	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019
82	K.Abhilash	A One Week Administrative Training Program on Working Proficiency of Non-Teaching	03-09-2019 to 07-09-2019

H. ᘳ
PRINCIPAL

6.3.3. Percentage of teaching and non teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

FACULTY DEVELOPMENT PROGRAMMES			A.Y :2018-2019
S.No	Title of the FDP	Date	No of Participants
1	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018	45
2	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018	17
3	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018	15
4	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019	16
ADMINISTRATIVE TRAINING PROGRAMS		Date	No of Participants
1	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018	9

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPs/ATPs during the last five years

A.Y :2018-2019

S.No.	Name of the Faculty	Title of the FDP	Date(s) From-To
1	B Chowdary Duddupudi	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
2	Peruri Durga Srinivas	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
3	Dr. Duvvuri Naga Purnima	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
4	Rajya Lakshmi Cheekatla	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
5	Pithani Satish Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
6	Murali Krishna Donga	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
7	Pacchari Atcharao	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
8	Cheeli Suresh Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
9	Gopi Satya Sai Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
10	Pathri Naga Yamuna	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
11	Kapaka Varalakshmi	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
12	Alapati Bala Narayana	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018

13	Kasipathi Kakileti	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
14	Cheemala Sesharao	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
15	K.K.S. Lakshmi Sailaja	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
16	Kudelli Dosa Rao	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
17	Relangi Srinivas	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
18	M.Vasantha Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
19	Sampara L D S Priyanka	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
20	Haritha Priya Nulu	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
21	D.Murali Krishna	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
22	Chadalawada Bhavani	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
23	Kondala Rao Parasa	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
24	Kantipudi Jyothsna	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
25	M Tharak Siva Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
26	Pathipati Vasu	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
27	Pavuluri Machara Srinivas	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
28	Komarthi Srirama Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018

29	Kappala Vijaya Chaitanya	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
30	Mohan Kadiyala	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
31	D.N.V. Ramana Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
32	Bommana Madhavi	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
33	Bonthu Lokesh	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
34	Kundum Pavan Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
35	Tammisetti Divya	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
36	Veneswararao Potnuri	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
37	Vuchula Sandeep Kumar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
38	A Rupesh V Ramana	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
39	A.Ravindra	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
40	B. Prasad	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
41	Bandaru V Sai Srikanth	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
42	Bharatha V Rangaro	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
43	Gedala Ch. Srinivasa Rao	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
44	Gudelli Sivedurga Mohan	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018

45	Hanumanthu Vajhal Naveensekar	A one week FDP on Advancements in Renewable Energy Technologies	20-08-2018 to 25-08-2018
46	Nallamilli Veerendra Kumar Reddy	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
47	Attru Hanumantha Rao	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
48	Yanamandra L Ssv Prasad	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
49	L. R. D. Prasad Maddireddi	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
50	Mohammad Amanullah	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
51	R. Chitti Raja	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
52	Prakya Surya Sankara Kumara Sarma	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
53	Garapati Swarna Latha	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
54	Nakka Sindhuri	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
55	Ramapatruni Rambabu	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
56	Anukula Josh Mary	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
57	Bharathi Devi Seerapu	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
58	Kotla N V Ramya Devi	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
59	Vemavarapu Jaya Sree	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
60	S.Nagalakshmi	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018

61	S. N. V. J. Devi Kosuru	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
62	Chindada Gopi	A one week FDP on Artificial Intelligence for IOT Services in Cloud: Techniques & Applications	24-09-2018 to 29-09-2018
63	Jammi Padma	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
64	Rajamandrapu Srinivas	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
65	Pulidindi Venkata Ratnam	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
66	Garapati Krishna	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
67	V.S. Prabhavathi Nandam	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
68	Bhemadolu Vijaya	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
69	S Suneetha	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
70	Ravikumar Kothapalli	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
71	Vijay Harsha Vardhan D	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
72	Chenna Veera Kiranmayi	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
73	Tripurari Jnana Satya Manohar	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
74	N. Pavan Kumar	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
75	Tanuku Vb Brahmacharyulu	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
76	Duvuluri Parvathi	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018

77	Nallanti Sudhakar Rao	A one week FDP on IOT and Sensor Technologies	19-11-2018 to 24-11-2018
78	Nallamilli Veerendra Kumar Reddy	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
79	Attru Hanumantha Rao	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
80	Yanamandra L S S V Prasad	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
81	Mohammad Amanullah	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
82	Nakka Sindhuri	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
83	Garapati Swarna Latha	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
84	S.Nagalakshmi	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
85	Bharathi Devi Seerapu	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
86	Ramapatruni Rambabu	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
87	Anukula Josh Mary	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
88	Kotla N V Ramya Devi	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
89	Vemavarapu Jaya Sree	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
90	Prakya Surya Sankara Kumara Sarma	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
91	Yalla S.J.V.D.B. Devika Rani	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019

92	S. N. V. J. Devi Kosuru	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
93	Chindada Gopi	A one week FDP on Data Science and Analytics	11-02-2019 to 16-02-2019
94	B. Koteswara Rao	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
95	V. Naresh Kumar	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
96	S. K. Ahmed	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
97	P. Venkatesh	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
98	P. Anjaneyulu	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
99	A. Adivishnu	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
100	S. Nageswar Rao	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
101	V. Surya Prakash	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018
102	Ch. Vasu	A One Week Administrative Training Program on How to assemble the computer and it's maintenance	22-10-2018 to 27-10-2018

PRINCIPAL

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Date: 19-08-2022

CIRCULAR

It is here by informed that "A one day seminar on CLASSICS IN ENTREPRENEURSHIP RESEARCH" by Ms. DEEPA BALASUBRAMANANIAN, CEO, Sedibus, Sedibus, mahalakshmi group, Hyderabad being organized by our R.I.E.T college on 24-08-2022. I request you all to register immediately and to attend the program.

Venue: R.I.E.T. College , Seminar hall.

Timings: 10:30 AM

PRINCIPAL

(Dr.M.Murali Krishna)
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM,
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Copy to: All HODs for circulation to staff

Copy to: Admin. office

Copy to: Exam cell

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. 1st Year					-------
B.Tech. 2nd Year					-------
B.Tech. 3rd Year					-------
B.Tech. 4thYear					-------
ALL HOD'S					
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION

A One Day Seminar On

"CLASSICS IN ENTREPRENEURSHIP RESEARCH"

Schedule:
24-08-2022

VENUE: RIET Room No: 305

Organized
by
Department of
Computer Science and Engineering

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
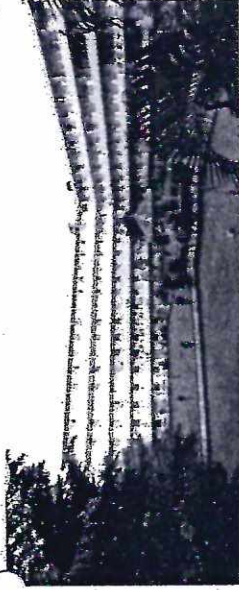Approved by AICTE, New Delhi Affiliated
by JNTUK and Accredited by NAAC
Bhoopalapatnam, RAJAMAHENDRAVARAM,
AP, 533107.

A One Day Seminar On

"CLASSICS IN ENTREPRENEURSHIP RESEARCH"

REGISTRATION FORM

1. Name of the Participant:

2. Class:

3. Roll Number:

4. Academic Year:

5. Branch:

4. Phone Number:

5. Email ID:

6. Address for Communication:

7. Signature of Participant:

8. Signature of class teacher:

9. Remarks (if any):

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Date:

Section:

HOD

Organizing Committee

Chief Patron
Sri. A.V.V. Satyanarayana
Chairman, Swarnandhra Educational Society

Patrons
Sri. K. Venkatesh
Vice-chairman,
Swarnandhra Educational Society

Sri. G. Sai Radha Krishna
Secretary & Correspondent,
Swarnandhra Educational Society

Co-Patrons
Sri. T.V.L. Narashimha Rao
Vice-Chairman,
Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas
Treasurer,
Swarnandhra Educational Society

Chairperson
Dr.M. Murali Krishna
Principal, RIET

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and
Engineering,
Email id: cse.hod@rietriy.co.in

Co-ordinator
Mr.G. Krishna
Assistant Professor,
Department of Electronics and Communication
Engineering
Mobile No: +91 9493102658
Email id: krish09401@gmail.com

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET", was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 14 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning Training and Placement and is now in its twelfth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things,Cloud Computing Services etc. Students are given proper exposure to current trends including IoT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

ENTREPRENEURSHIP

Introducing the participants with fundamental of entrepreneurship so that they can understand the requirements and challenges in this area. The applied aspects of this workshop will be practical sessions where they can apply this knowledge in entrepreneurship research. To understand the concept of main components in entrepreneurship, laying out the ground rules and objectives, theory of entrepreneurship and to determine some important research questions.

Topics to be covered

- ➤ The null hypothesis
- ➤ Risk and uncertainity
- ➤ Basics and lack of information
- ➤ Markets for future goods and services
- ➤ Demand and Supply of capital
- ➤ Market augmenting government

Resource Person

Ms. Deepa BalaSubramaniam
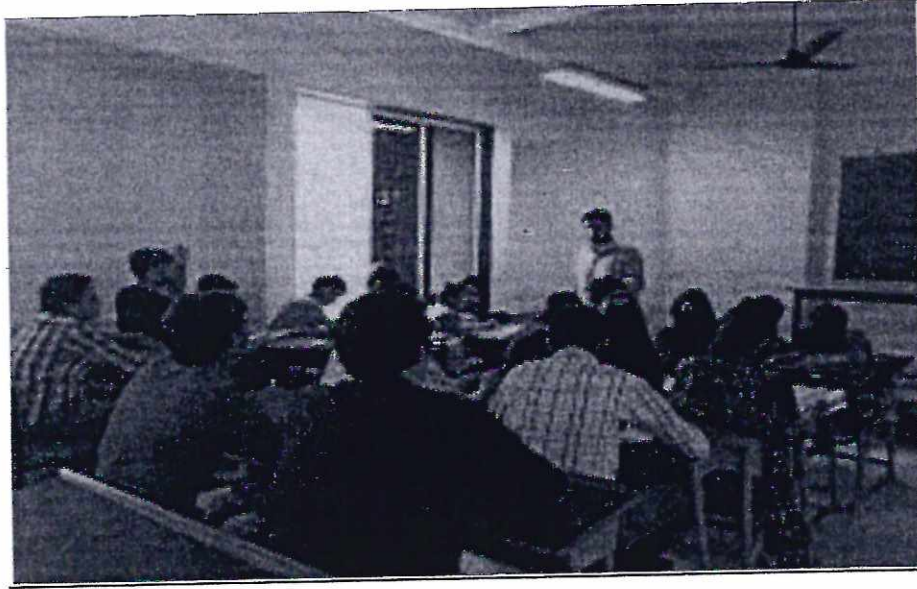CEO Sedibus,Sedibus,Maha Lakshmi
Group

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

Date: 30-08-2022

PROGRAMME REPORT

Programme name	A one day programme on **CLASSICS IN ENTREPRENEURSHIP RESEARCH**
Resource person	Ms. DEEPA BALASUBRAMANANIAN, CEO, Sedibus, Sedibus, mahalakshmi group
Date of activity	24-08-2022
Organized by	RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Venue	RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Room No: 305
Programme coordinator	GARAPATI KRISHNA

Objective of the programme:

Introducing the participants with fundamental of entrepreneurship so that they can understand the requirements and challenges in this area. The applied aspects of this workshop will be practical sessions where they can apply this knowledge in entrepreneurship research.

To understand the concept of main components in entrepreneurship, laying out the ground rules and objectives, theory of entrepreneurship and to determine some important research questions.

Topics covered :

- The null hypothesis
- Risk and uncertainity
- Basics and lack of information
- Markets for future goods and services
- Demand and Supply of capital
- Market augmenting government

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

Outcome of the programme:

The students and faculty learned aboutClassics in Entrepreneurship Research. They gain the knowledge on

- How to start the research in entrepreneurship field
- Methods involved in research
- Research procedures
- Relation with future ones
- Methodology: The role of case studies, anecdotes, and natural experiments.

On 24-08-2022 from our college students and faculties have participated in the
Workshop on classics in entrepreneurship research

Program coordinator

(GARAPATI KRISHNA)

Principal

(Dr.M.Murali Krishna)
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

Name of the programme: CLASSICS IN ENTREPRENEURSHIP RESEARCH
Date: 24-08-2022

List of participants

S.NO	NAME OF THE PARTICIPANT	ROLL. NO.	COURSE AND YEAR	SIGNATURE
1	ARAVA GAYATHRI	18MD1A0501	III/CSE-A	arava gayathri
2	ADABALA MANIKANTA KUMARI	18MD1A0502	III/CSE-A	A.m.kumi
3	ADAPA DEVI SARANYA	18MD1A0503	III/CSE-A	AD saranya
4	ADARI CHETHANA	18MD1A0504	III/CSE-A	A.Chethana
5	ADDAGARLA DURGA SRI RAMYA	18MD1A0505	III/CSE-A	A.D.S. Ramya
6	ADILAKSHMI KADIYAM	18MD1A0506	III/CSE-A	A. kadiyam
7	ATTILI ROHITHA	18MD1A0507	III/CSE-A	A. rohitha.
8	BOPPANA HARI PRIYA	18MD1A0508	III/CSE-A	B. Hari priya.
9	BORUSU SRINAGADURGA	18MD1A0509	III/CSE-A	B. Srinagp
10	CHITTURI DEVI SAHITHI	18MD1A0510	III/CSE-A	c. devi sahithi
11	CHOUTIPALLI SAI GOWTHAMI	18MD1A0511	III/CSE-A	C.S. gowtham
12	DEVISREE KONDAPALLI	18MD1A0512	III/CSE-A	D. kondapalli
13	DHULIPALA SRILASYA	18MD1A0513	III/CSE-A	D.SRLASYA
14	DUGGIRALA TEJA SUBHASHINI	18MD1A0514	III/CSE-A	D.T. Subhas
15	DULAM VINEELA	18MD1A0515	III/CSE-A	D. vineela
16	DULAM VINEELA	18MD1A0516	III/CSE-A	D. vineela
17	KAKARA DIVYA BHARGAVI	18MD1A0517	III/CSE-A	K. divya bhargavi
18	KALABATTULA JYOSHNASRI	18MD1A0518	III/CSE-A	K. Jyoshnasri
19	KANCHARLA SRI LAKSHMI RATNA BHAVYA	18MD1A0519	III/CSE-A	K.S.L.R Bhavya

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

20	KANDUKURI LAKSHMI SAI NAGA SWETHA	18MD1A0520	III/CSE-A	K. LSN Swetha
21	KARUTURI RAMYA SATYA SAI SINDHUJA	18MD1A0521	III/CSE-A	K.R.S Sindhuja
22	KONA SHALINI	18MD1A0522	III/CSE-A	K. Shalini
23	KROVVIDI DEVI MANASA SANJATHA	18MD1A0523	III/CSE-A	K. Sanjatha
24	LANKALAPALLI SAI DEVIKA	18MD1A0524	III/CSE-A	L. Sai devika
25	MADDUKURI VAISHNAVI DEVI	18MD1A0525	III/CSE-A	M. Vaishnavi devi
26	MADDIREDDY SRI PRANITHAVYA	18MD1A0526	III/CSE-A	M.P. Pranithavya
27	MOHAMMAD YASMIN	18MD1A0527	III/CSE-A	M. Yasmin
28	MORTHA GRACE CATHERENE	18MD1A0528	III/CSE-A	M. Grace Catherene
29	MUTHANGI VENKATA SUPRIYA	18MD1A0529	III/CSE-A	M. Venkata supriya
30	NAKKA NAGA LAKSHMI	18MD1A0531	III/CSE-A	N.N. Lakshmi
31	NAMBURI BHAGYA SURYA SAVITRI	18MD1A0532	III/CSE-A	N.BS Savithri
32	NARKIDIMILLI DURGA LALITHA	18MD1A0532	III/CSE-A	N. DURGA. LALITHA.
33	NUDURUMATI KASI ANNAPURNA	18MD1A0535	III/CSE-A	N.K. Annapurna
34	PALISETTI SATYA SRI DURGA	18MD1A0536	III/CSE-A	P. Satya
35	PALURI SAI DEVI	18MD1A0537	III/CSE-A	P. Sai devi
36	PEPAKAYALA YAMINI V V L TRIVENI	18MD1A0538	III/CSE-A	P. Yamini
37	PEESAPATI APARNA	18MD1A0539	III/CSE-A	P. Aparna
38	PINASIMHAM SAI LAKSHMI RAMYA	18MD1A0540	III/CSE-A	P.S.L. Ramya

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

| 39 | P G MOUNIKA | 18MD1A0541 | III/CSE-A | P.G mounika. |
| 40 | P R S CHANDHANA | 18MD1A0542 | III/CSE-A | PRS chandana |

Program coordinator

(GARAPATI KRISHNA)

Principal

(Dr.M.Murali Krishna)

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Date: 23-09-2021

CIRCULAR

It is here by informed that "A one day seminar on ENTREPRENEURIAL MINDSET" by Dr. B. SRINIVASA RAO, Professor, Department of Management Studies, VFSTR being organized by our R.I.E.T college on 28-09-2021. I request you all to register immediately and to attend the program.

Venue: R.I.E.T. College , Seminar hall.

Timings: 10:30 AM

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Copy to: All HODs for circulation to staff

Copy to: Admin. office

Copy to: Exam cell

BRANCH	CSE		Mech.	ECE	EEE	S&H
B.Tech. 1st Year						
B.Tech. 2nd Year			Ag			--------
B.Tech. 3rd Year			Mk			--------
B.Tech. 4thYear			Q			--------
ALL HOD'S			V. Raikus	D Harsh		
IQAC	ACCOUNTS		PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
			P. N. Yamune			

Panel 1 (right)

Panel 2 (middle)

A One Day Seminar On

"ENTREPRENEURIAL MINDSET"

REGISTRATION FORM

1. Name of the Participant:

2. Class:

3. Roll Number:

4. Academic Year:

5. Branch:

4. Phone Number:

5. Email ID:

6. Address for Communication:

7. Signature of Participant:

8. Signature of class teacher:

9. Remarks (if any):

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Date:

Section:

HOD

Panel 3 (left)

Organizing Committee

Chief Patron
Sri. A.V.V. Satyanarayana
Chairman, Swarnandhra Educational Society

Patrons
Sri. K. Venkatesh
Vice-chairman,
Swarnandhra Educational Society
Sri. G. Sai Radha Krishna
Secretary & Correspondent,
Swarnandhra Educational Society

Co-Patrons
Sri. T.V.L. Narashimha Rao
Vice-Chairman,
Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas
Treasurer,
Swarnandhra Educational Society

Chairperson
Dr.M. Muralli krishna,
Principal, RIET

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and
Engineering,
Email id: csc.hod@rietriy.co.in

Co-ordinator
Mr.P. Kondala Rao
Assistant Professor,
Department of Electrical and Electronic Engineering
Mobile No: +91 8801388813
Email id: kondalarao@gmail.com

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech, with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

About the Department

TheDepartment of Electronics and Communication Engineering, Rajamahendri Institute of Engineering and Technology was established in the year 2008. The department of ECE has been known for its exceptionally strong Under-Graduate training programmes.Ranked among the prominent in East Godavari, the department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education.

About the Program
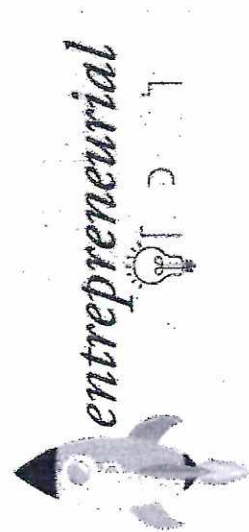
Introducing the participants with fundamentals of entrepreneurship so that they can understand the requirements and challenges in this area. Developing the most important skills on emotional intelligence needed to effectively run business and become successful. Knowing the methods needed to say emotionally equipped in becoming a successful entrepreneur.Importance of emotional state to running the business.New techniques needed to overcome doubt, fear, and low self-esteem.Top emotional obstacles that are stopping from growing.

Topics to be Covered

➢ Importance of emotional state to running the business.

➢ New techniques needed to overcome doubt, fear, and low self-esteem.

➢ Top emotional obstacles that are stopping from growing.

Resource Person

Dr. B. Srinivasa Rao
Professor,
Department of Management Studies,
VFSTR.

entrepreneurial

RAJAMAHENDRI
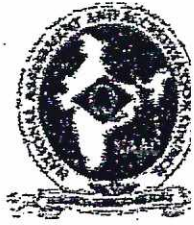## INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

Date: 04-10-2021

PROGRAMME REPORT

Programme name	A one day programme on **ENTREPRENEURIAL MINDSET**
Resource person	**Dr. B. SRINIVASA RAO**, Professor, Department of Management Studies, VFSTR
Date of activity	28-09-2021
Organized by	RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Venue	RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Seminar hall
Programme coordinator	KONDALA RAO PARASA

Objective of the program:

Introducing the participants with fundamentals of entrepreneurship so that they can understand the requirements and challenges in this area. Developing the most important skills on emotional intelligence needed to effectively run business and become successful. Knowing the methods needed to say emotionally equipped in becoming a successful entrepreneur.

Topics covered :

- Importance of emotional state to running the business.
- New techniques needed to overcome doubt, fear, and low self-esteem.
- Top emotional obstacles that are stopping from growing.

RAJAMAHENDRI
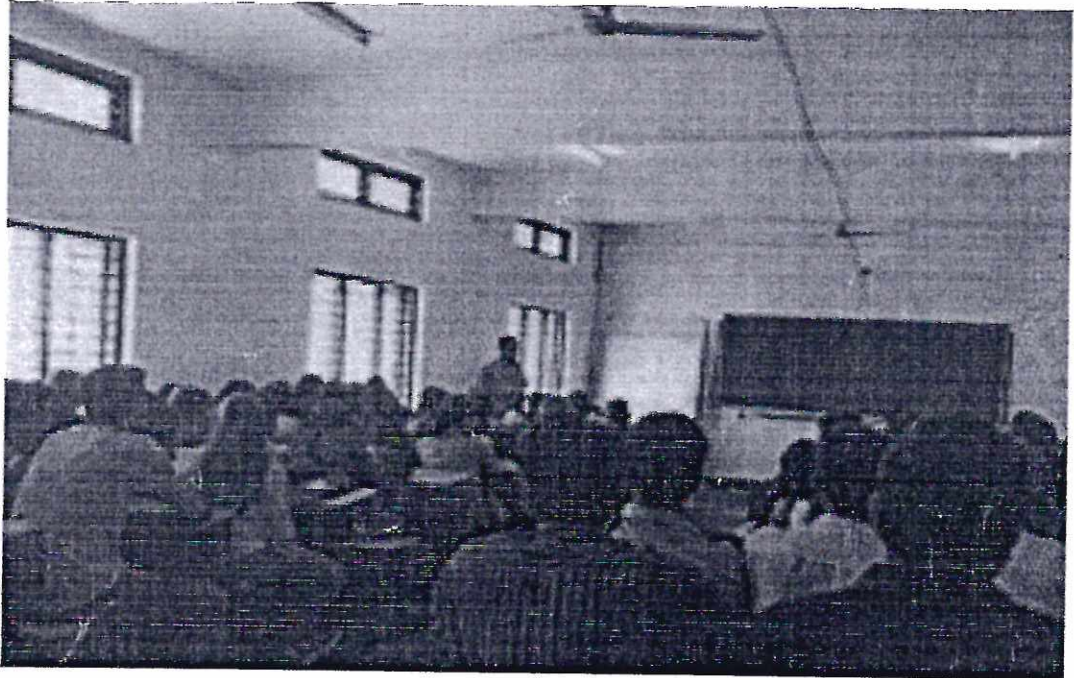## INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Outcome of the programme:

The students and faculty learned about Entrepreneurial Mindset. They gain the knowledge on

- Gap between mental health and performance ; with an emphasis on emotional intelligence, goal setting and stress management
- Improvement of performance ,while empowering one to make a permanent change within their mindset.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

On 28-09-2021 from our college students and faculties have participated in the Workshop on Entrepreneurial Mindset

Program coordinator

(Mr. KONDALA RAO PARASA)

Principal

(Dr. M.Murali Krishna)
PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Name of the programme: ENTREPRENEURIAL MINDSET

Date: 28-09-2021

List of participants

S.No	Name of the student	Regd.No	Year & SEM	Signature
1	BOLLEMPALLI AJAY CHANDRA	19MD1A0401	II ECE	
2	BOYIDAPU INDRANI	19MD1A0402	II ECE	
3	CHINTALAPUDI VASAVI VENKATA SAI LAKSHMI	19MD1A0403	II ECE	
4	CHIRAKUTTI KASTURI	19MD1A0404	II ECE	
5	CHIRAVURI NAGA DURGA BHARATHI	19MD1A0405	II ECE	
6	CHITRAPU RAMYA SREE	19MD1A0406	II ECE	
7	CHITTA VENKATESH	19MD1A0407	II ECE	
8	CHITTIBOINA SATYA·SAI RAM	19MD1A0408	II ECE	
9	DASARI K V V D BHAVANI	19MD1A0409	II ECE	
10	DODDI ANITHA DEVI	19MD1A0410	II ECE	
11	GUTTULA KAVYA	19MD1A0411	II ECE	
12	INDUKURI SWARNA LATHA	19MD1A0412	II ECE	
13	KAMBALA SAI SRAVANTHI	19MD1A0413	II ECE	
14	KANDULA NAGA VENKATA SAI SIREESHA	19MD1A0414	II ECE	
15	LAKAMSANI SATYA PAVANI SURYA VISWASREE	19MD1A0415	II ECE	
16	LANKA TEJA VENKATA SAI DURGA RAJKUMAR	19MD1A0416	II ECE	
17	LEELA SATYA PRANEETHA KARRI	19MD1A0417	II ECE	
18	MADDULA PUJITHA DEVI	19MD1A0418	II ECE	
19	SATYAM GOUTHAMI·	19MD1A0419	II ECE	
20	SIRIGINEEDI TINKU SURENDRA	19MD1A0420	II ECE	
21	UNDAVALLI DEVI PRUDHVIKA	19MD1A0421	II ECE	
22	VAIDYALINGAM VINAI KUMAR	19MD1A0422	II ECE	
23	VEERAVALLI BINDU MADHAVI	19MD1A0423	II ECE	
24	VEMAGIRI SUSHMA	19MD1A0424	II ECE	

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in · Website: www.rietrjy.co.in   Ph: +91 91212 14413

| 25 | YERROJU JAHNAVI PUSHPALATHA | 19MD1A0425 | II ECE | Y.J.P.Latha |
| 26 | YERUBANDI VENKATESH | 19MD1A0426 | II ECE | L.Venkatesh |

Program coordinator

(Mr.KONDALA RAO PARASA)

Principal

(Dr.M.Murali Krishna)
PRINCIPAL
RAJAMAHENDR
INSTITUTE OF ENGINEERING TECHNOLOG
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

DATE:27-09-2020

CIRCULAR

This is to inform that A one day seminar on "Entrepreneurship skills, Attitude & Behaviour" by Mr.Y.Rajesh, MD, Entrepreneur, Rajahmundry. Being organized by our RIET Engineering College on 03-10-2020. The students those who are interested they can register their names on or before 01-10-2020 to attend the program.

PRINCIPAL

Venue: RIET Seminar Hall

Coordinator:

(Mrs.G.Swarnalatha)

(Dr.M.Murali Krishna)

Copy to : Secretary
Copy to : All HODs for circulation to Staff
Copy to : Admin. Office
Copy to : Library

BRANCH	CSE	MECH.	ECE	EEE	S&H
B.Tech. 1st Year					D·N·puuu
B.Tech. 2nd Year					-------
B.Tech. 3rd Year		P.M.L.			
B.Tech. 4thYear		Ky	YL		------- -------
ALL HOD'S		K.Ravikumar			D.N·puuu
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
			Prasad		

A One Day Seminar On

"ENTREPRENEURSHIP SKILLS, ATTITUDE AND BEHAVIOUR"

A One Day Seminar On

"ENTREPRENEURSHIP SKILLS, ATTITUDE AND BEHAVIOUR"

Schedule:
03-10-2020

VENUE: RIET LH-07

Organized
by
Department of
Computer Science and Engineering

RAJAMAHENDRI

INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi Affiliated
by JNTUK and Accredited by NAAC
Bhoopalapatnam, RAJAMAHENDRAVARAM,
AP, 533107.

REGISTRATION FORM

1. Name of the Participant:

2. Class:

3. Roll Number:

4. Academic Year:

5. Branch:

4. Phone Number:

5. Email ID:

6. Address for Communication:

7. Signature of Participant:

8. Signature of class teacher:

9. Remarks (if any):

Date:

Section:

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

HOD

Organizing Committee

Chief Patron

Sri. A.V.V. Satyanarayana
Chairman, Swarnandhra Educational Society

Patrons

Sri. K. Venkatesh
Vice-chairman,
Swarnandhra Educational Society

Sri. G. Sai Radha Krishna
Secretary & Correspondent,
Swarnandhra Educational Society

Co-Patrons

Sri. T.V.L. Narasihmha Rao
Vice-Chairman,
Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas
Treasurer,
Swarnandhra Educational Society

Chairperson

Dr. M. Murali Krishna
Principal, RIET

Convener

Dr. R. Rambabu
Head of the Department,
Department of Computer Science and
Engineering,
Email id: csc.hod@rietriy.co.in

Co-ordinator

Mrs. G. Swarna Latha
Associate Professor,
Department of Computer Science and
Engineering,
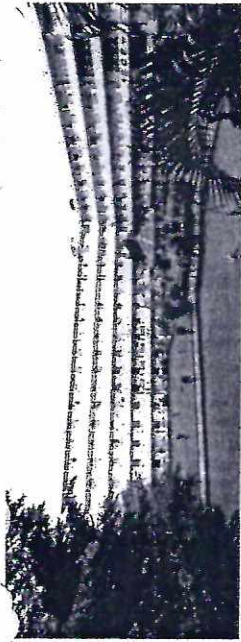Mobile No: +91 9440894420
Email id: dasariwarnaprasad@gmail.com

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.
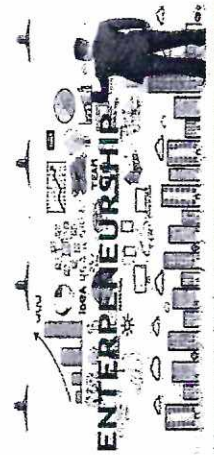
The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 12 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its tenth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for betterperformance in Engineering &Technology programmes.

About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IoT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

To Create awareness about the importance of innovation and idea generation,To develop Positiveattitude and over comermentality,To develop problem solving skills of students,To develop ideas to overcome obstacles and be proactive.

Topics to be Covered

- Learn from the experience of other enterpreneur
- Positive Mindset
- Believe in yourself
- Organization and Planning

Resource Person

Mr.Y. Rajesh ,MD,
Paper plate manufacturing unit,Vizag
Mobile No: +91 9951600108

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

DATE: 06-10-2020

PROGRAMME REPORT

PROGRAMME NAME	A one day seminar on "Entrepreneurship skills, Attitude And Behaviour"
RESOURCE PERSON	Mr.Y.Rajesh, MD, paper plate manufacturing unit, Vizag Ph no:9951600108
DATE OF ACTIVITY	03-10-2020
ORGANIZED BY	RAJAMAHENDRI INSTITUTE OF ENGINEERING &TECHNOLOGY
VENUE	RIET SEMINAR HALL
PROGRAMME COORDINATOR	Mrs. G. Swarnalatha

OBJECTIVE OF THE PROGRAMME:

To create awareness about the importance of innovation and idea generation,To develop Positive attitude and over comer mentality, To develop problem solving skills of students ,To develop ideas to overcome obstacles and be proactive.

TOPICS COVERED

- Learn from the experience of other entrepreneur
- Positive Mindset
- Believe in yourself
- Organization and Planning

COORDINATOR
(Mrs. G. Swarnalatha)

PRINCIPAL
(Dr.M.Murali Krishna)

PRINCIPAL
RAJAMAHI   DR
INSTITUTE OF ENGINEERING   OLOC
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM-533 107. E.G.D