



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)



EVENT: "ONE DAY WORKSHOP ON DATA SCIENCE USING R"

VENUE: CSE SEMINAR HALL

DATE: 05-01-2019

One day workshop was organized for third years of computer science and engineering students at CSE Seminar Hall. The aim of this workshop is to provide an intense training on R Programming. Around 200 students has participated in this workshop and showed their curiosity in learning current technologies.

Dr.VSK Reddy, Principal has formally inaugurated the workshop and encourages the student to inculcate themselves in current trending technology which is beyond from curriculum. He also advised them to concentrate more on academic and also insist to prepare for forth coming placements.

Dr. D Sujatha, HOD, CSE has insisted the student to grab more knowledge on R programming and also to make effective utilization on one day workshop.

Dr.E.Venkateshwar Reddy, Associate Professor, CSE, has been the speaker of this workshop. He started with an overview of why we use R language in data science. He elaborated his lecture by introducing R programming extends with its features and installation.

Also he delivered lecture on Variables, vectors, list, matrix, and functions on R programming. Students were made hands on in afternoon session.

At the end of session, Dr. D Sujatha, HOD, CSE got feedback from students and thank Dr.E.Venkateshwar Reddy, Associate Professor for giving a wonderful session in a short period of time. Also she motivated students to undergo research in data science which will help them to do their final year projects.



ONE DAY WORKSHOP ON DATA SCIENCE USING R PROGRAMMING





MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)



EVENT: “THREE DAYS WORKSHOP ON PYTHON & DATA SCIENCE”

VENUE: MAIN AUDITORIUM, LP LAB, CSE SEMINAR HALL

DATE: 28-01-2019 TO 30-01-2019

The workshop took a three days period which was organized for Second years of computer science and engineering students at Auditorium and in LP Laboratory. The motive of this workshop is to educate the students with the current technologies. During this workshop round 210 students has participated and got trained in developing python coding skills. This workshop was organized by Malla Reddy College of Engineering & Technology in association with “Swecha” which is an organization of a social movement that works towards enlightening the masses with the essence of Free Software and to liberate knowledge to the commoners.

Dr.VSK Reddy, Principal has inaugurated the workshop and insists students to take it in a serious manner. He also advised them to concentrate more in developing their coding skills. He also stated that placements all become online where all can grab the opportunity; also he boosted the students like if they are good at coding skills they will get at least of two offer letters from placements.

Dr. D Sujatha, HOD, CSE, welcomed and addressed the gathering. She told about the importance of Data Science and gave an overview on this three days workshop also she insists the students to grab knowledge on python.

Mr.Akhil, Web Developer at GSPANN has been the speaker of first day workshop. He started with an overview of C language and related with python. He elaborated his lecture by the basics like operators, strings, arrays, class, loops, and functions on python. Students were made hands on in afternoon session where they learn about the installation procedure and also informed how to work on free softwares.



Second day of workshop was handled by **Mr.Varun, Who works on Data Analytics & Visualization as a freelancer**. He told about the numpy and pandas in python. He also speaks on “Technology for Democracy” which was knowledgeable information.



Mr.Vaibhav jaiswal & Mr.Varun was the speaker's on third day of workshop which was held at CSE Seminar hall. He speaks about the history and usage of python. He detailed on the web application development and the companies who uses python. Also he elaborated on machine learning and python implementations.



At the end of session **Dr.D.Sujatha, HOD, CSE** gave concluding remarks about all the sessions of the Workshop. She also advised the students to make the best use of the opportunities available in the present days and appreciated the speakers for the wonderful hands on session and also the efforts of the organizers for the successful conduct of the workshop. She thanked our beloved principal **Dr.VSK Reddy Sir** for providing this astonishing opportunity for students.



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

A brief report on one week training “Microsoft Certification course on Machine Learning using Python” organized by the department of Computer Science and Engineering on Jan 28th to 2nd February 2019 for all III B.Tech Students.

One week training program on “**Machine Learning Using Python**” has been conducted with interactive hands-on sessions by the department of **Computer Science and Engineering** at Malla Reddy College of Engineering and Technology on **Jan 28th to 2nd February 2019** for all III B.Tech students.

Dr. V.S.K. Reddy, Principal, MRCET along with **Dr. D Sujatha, HOD, Department of CSE**, inaugurated the training session and motivated the students.

Dr. V.S.K. Reddy, Principal, MRCET, has motivated the students in learning current technologies which helps them in developing their coding skill sets. He always encourages the students to learn new technologies apart from their curriculum for their future benefits.

Dr. D Sujatha, HOD, Department of CSE, MRCET, formally welcomed the dignitaries and expert from **Cognitive creators Private Limited** in her opening address. She requested the students to pay eager attention to the training and emphasized upon the importance of learning new technologies and tools for the students.

The resource person **Mr. Gagandeep Thakur, Technical Director, Cognitive creators Private Limited** highlighted the importance of Machine learning and artificial intelligence with intensive hands-on sessions as well as the technical details of the workshop in his address.

Workshop coordinators - M. Samba Sivudu proposed the vote of thanks to all the dignitaries, guest and participants.

CONTENTS OF THE WORKSHOP

On 1st Day -Introduction of python was given and continued with its basics like Syntax of the program, data types, Arrays and Operators were explained and practically implemented by example programs. Students have been trained to install Anaconda, Jupyter which is an open source for python language.

On 2nd Day- Functions, Strings, loops using python was trained with hands on session.

On 3rd Day- Introduction to Machine Learning and Data Processing was introduced and the session was continued with some library functions and various regression algorithms.

On 4th Day-Explanation on Regression Models like Polynomial Regression and about the Data sets.

On 5th day- Explanation about Classifications algorithms and clustering algorithms like Logistic Regression, Naïve Bayes,. K-Nearest, Random Forest

On 6th Day- A case study was given to students in form of project on the above topics where students shown their ability in solving it. At the end of session an explanation on NLP was given to students.

At MRCET, we are sure that the students enhance their conceptual knowledge and harness their skills through continuous training and practice.













MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON CRT (CAMPUS RECRUITMENT TRAINING) CLASSES

Date : 18th to 22nd Feb 2019
Venue : CSE Seminar Hall
Conducted by : T.I.M.E
Attended by : III B.Tech CSE(A,B,C&D) students

The five days CRT classes was held from 18th to 22nd Feb 2019 at MRCET in CSE Seminar Hall which was conducted by T.I.M.E academy. Nearly 200 students of CSE branch attended these classes.

The intention of this training program was to improve the communication skills and soft skills of the students. Also there were enough trained in the logical ability and vocabulary.

Trainers for the all five days are Mr. Charlton, Mr. Vijay, Ms.Keerthi, Mr.Prakash, Mr.Tarun and Mr. Mahesh from TIME.

DAY ONE: 18-02-2019

Verbal ability, communication skills

Time, distance & speed

DAY TWO: 19-02-2019

Vocabulary, Logical ability (Blood relations, distances)

Numbers and number systems (HCF & LCM)

DAY THREE: 20-02-2019

Reading comprehension, Basic communication skills

Profit & loss

DAY FOUR: 21-02-2019

Logical ability, percentage

Simple interest & compound interest

DAY FIVE: 22-02-2019

Verbal ability (Nouns, Pronouns & Articles)

Basic communication skills

Verbal ability (Verb, Adverb & Adjective)

The objective of this training is to increase the ability of students and to build a strong competency on employment. The training was well conducted and students were given many tasks to improve their skills. Also they were provided with work sheets where they practiced on the concern topics after the session was conducted. The students were very grateful to our beloved Principal Dr.V.S.K.Reddy Sir for facilitating the training sessions which were highly focused towards campus placements.







MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FDP Report on “Big Data Analytics”

“Big Data Analytics” Faculty Development Programme for all the **faculty** of CSE, Industrialists, PG students and participant from various colleges which was conducted in MRCET campus for two days on **19/04/2019 and 20/04/2019** at CSE Seminar Hall.

Dr.VSK Reddy, Principal has inaugurated the new seminar hall for the department of CSE. Also he welcomed the participants and appreciated CSE department for taking the initiative to organize the event. He also encourages the current trending technology to be inculcated.

Prof. K Kailasa Rao, Director of CSE and Dean Placements addressed the gathering with his eminent speech about the data analytics and legacy applications. He also extended by the history of big data and the various analytic tools to deal the data.

Dr. D Sujatha, HOD, CSE one of the eminent speaker of the event who gave introduction on big data and the evolution of it. She also elaborated her speech on 5 V's and made the participant to understand how this technology is grooming up in recent days.

Dr.E.Venkateshwar Reddy,Professor,CSE who is also one of the speakers of the event. He has more experience and knowledge on analyzing the big data. Also he extended his speech on Map reducing technique with a word count program and has given deep concepts on Hadoop followed by hands on session. He also trained the participants to work on HDFS and local system which was a great experience.

Mr.Venkat Ram,Industrialist,IBM who is the resource person for the second day of two days FDP. He explained about the machine learning concepts and gave a clear differentiation on analytics and analysis. He gave hands on session in R programming with detailed working on various commands and functions. Also he extended working on tableau which is used as a tool for effective data visualization.

At the end of two days FDP on “Big Data Analytics” participants learnt about map reducing technique, how to work on HDFS, working with R programming commands and data visualization techniques.

Dr.VSK Reddy, Principal gave his presence on valedictory function and distributed certificates to all the participants. Finally **Dr. D Sujatha, HOD, CSE** has expressed her gratitude towards the management for providing resources for two days FDP. Also extended thanking our Principal, Speaker, Coordinators and the participants for making this event a grand success.

Event co-ordinators: Dr.E.Venkateshwar Reddy, Mrs.M.Gayatri, Mrs.R Radha, Mr.Shyam, Mr.G.Ravi, Mr.Chandrasekhar, Mr.Sandeep, Mr.Samba Sivdu, Mr.Manoj Kumar, Mrs.Kalpana, Mrs.Arthi kumari, Mr.Shiva kumar, Mrs.R.Sujatha, Mrs.P.Honey Diana





MALLAREDDY COLLEGE OF ENGINEERING & TECHNOLOGY

REGISTRATION FORM

Faculty Development Program

On

Big Data Analytics

June 12-13, 2018

Name:

Designation:

Dept:

Institution:

Phone/ mobile:

Email:

Date

Signature

CHIEF PATRON

Sri . Ch. Malla Reddy Chairman, MRGI .

PATRONS

Sri. Ch.Mahender Reddy.

Sri. Ch.Bhadra Reddy.

CONVENER

Dr. V.S.K Reddy, Principal, MRCET

COORDINATOR

Dr. D. Sujatha, HOD-CSE

ADVISORY COMMITTEE

- Dr. P. Ramireddy,
Dean Academic, MRCET
- Prof. K. Kailasa rao
Director, Dept Of CSE&IT
- Prof. P. Sanjeeva reddy
Director, International Studies

ORGANIZING COMMITTEE

- Dr. S.Shanthi, Professor, CSE
- Dr. E.Venkateswara Reddy, Professor, CSE
- Mr. P.Bikshapathy, Assoc. Professor, CSE
- Mr. A.Syam Prasad, Assoc. Professor, CSE
- Mrs. R.Radha, Assoc. Professor, CSE



Faculty Development Program

On

Big Data Analytics

June 12-13, 2018



Organized by
Department of CSE



MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous Institution - UGC, Govt. of India)

(Affiliated to JNTUH, Approved by AICTE - Accredited by NBA & NAAC
- 'A' Grade - ISO 9001:2015 Certified)

Maisammaguda, Dhulapally, Secunderabad-14

Ph: 040-23792146, 64634237

MRGI AT A GLANCE

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Andhra Pradesh, MRGI promises eventful student oriented learning. The founder chairman Sri. Ch. Malla Reddy began the journey as an educationalist to form the bridge between society, industry and academics. He is an unassuming dynamic leader with a keen interest in changing trends of higher education and student's employability in India. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all areas of education. Education at MRGI brings all round and holistic development in students.

ABOUT MRCET

Malla Reddy College of Engineering and Technology (Autonomous) is approved by AICTE, New Delhi and affiliated to JNT University, Hyderabad. The MRCET College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering, Mining Engineering and Master in Business Administration (MBA). The college also has UGC Autonomous status for both Engineering and Management Programs. The college also is accredited by National Board of Accreditation (NBA) and NAAC with 'A' Grade and is also recognized under UGC 2f & 12(B) Status. The Institution is certified with ISO 9001:2015. The college is equipped with state of the art laboratories for all the departments, full-fledged training & placement cell, Industry Institution Interaction Cell etc.. The college has been ranked 'AAA' Grade among India's Best Engineering colleges, Survey by Careers360 (Outlook Group). The College also ranked Fourth (5th) Among the Top Engineering Colleges of Excellence in Andhra Pradesh Competition Success Review (CSR). The department of MBA is endowed 9th Best B-School (Other than IIMs) in India

for Academic Excellence by Silicon India Best B-School Survey. Ranked as one of the Best Engineering Colleges in India - Survey conducted by Outlook Magazine 2016 with regard to training and placement of students MRCET is taking lead in attracting a host of multinational companies for the campus recruitment of students. The College has taken initiative simultaneously progressing various Academic and Industry Collaboration agreements with foreign Universities such as University of New Orleans, USA, International Technological University, Silicon Valley, USA. University of Cambridge, ESOL Examinations (BEC), UK Institute of Technology, Blanchardstown, United Kingdom, Nalsar University, Hyderabad, and Cisco Academy for facilitating both student and faculty development programs in order to improve the quality of students education. We would like to mention here that our college is a life time member of NHRD, where we gain interactions and a lot of knowledge sharing with HR personnel of various reputed Industries and IT organizations which in turn helps update the standards of our students to match with the industrial requirements.

ABOUT DEPARTMENT OF CSE-MRCET

The Department offers a 4-year B.Tech. Program in CSE with an annual intake of 240 students with specific emphasis on engineering technologies and empirical mode of learning. Department has been accredited by NAAC & NBA. The Department also has technical association exclusively for students association called "Espirito" to motivate them to conduct various events. The Department has well established labs and well qualified and experienced faculty under the able guidance of professor Dr. D. Sujatha HOD,CSE.

THEME OF FDP

The FDP aims to provide a common platform for discussions and deliberations to share the technological development in computer science and information technology. Over the last five to ten years, more and more

Corporations are adapting to data-driven approach to have targeted services, reduce risks and improve performance. They are implementing specialized data analytic programs to collect, store, manage and analyze large data sets or what is now called BIG DATA. The Objective of this FDP is to make the faculty members, students and research people community to enlighten their skill and knowledge in the areas of big data and its eco systems like map reduce, hive and pig and also data visualization tools like tebleau and click view.

TOPICS

1. Data Management
2. Big Data Tools
3. Big Data Analytics
4. Machine Learning algorithms
5. Data Visualization

RESOURCE PERSONS

1. Dr. V S K Reddy, Principal, MRCET
2. Mr. V.Venkat Ram, Data Scientist, IBM
3. Dr. Sujatha, Prof & HOD, MRCET.
4. Dr. E.V.Reddy, Professor, MRCET.

REGISTRATION:

Registration for participating in the program may be done by sending the filled in application form as given in this brochure

REGISTRATION FEE: 500/-

Last date for the submission of the Application:
10/06/2018

VENUE: Auditorium, MRCET.

ALL CORRESPONDENCE TO:

Dr. D. Sujatha (Coordinator)

Email: mrcetcse002@mrcet.ac.in.

mrcetcse2004@gmail.com





MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON MACHINE LEARNING & DEEP LEARNING

29/04/19 TO 04/05/19

One week faculty development programme on “Machine learning and Deep learning “was conducted by the department of CSE from 29th April to 5th May. More than 110 faculty members participated and gained more information with hands on session using Python.

Dr.VSK Reddy, Principal has inaugurated the one week FDP and invited our chief guest Dr.A.Govardhan, Rector, JNTU and thanked him for his presence. He also insists the faculties of various institutions to update ourselves with the newer technologies. Also he appreciated the FDP coordinators for taking the initiative to organize the event.

Dr.M.Murali Krishna, Dean of Academics, has appreciated CSE department to choose the topic on Machine learning and Deep learning. He said it is the right time to conduct this FDP which will be useful for faculties as it is introduced as a part of curriculum.

Prof. K Kailasa Rao, Director of CSE and Dean Placements addressed the gathering with his informative speech about the machine learning. He said that it is mandatory for a faculty to make continuous learning on current technologies where this platform makes the best and for better understanding hands on session is provided.

Dr. D Sujatha, HOD, CSE formally welcomes all the participants and the chief guest and thanked our Principal for accepting in organizing this one week FDP. She also elaborated on Machine learning and insists faculty members to use this opportunity and grab the knowledge.

Dr.Thamayaba Khatoon, Coordinator, has elaborated on the one week FDP with the topics to be covered on Machine learning and Deep learning. She also thanked our chief guest, Principal and HOD for giving her this opportunity in organizing one week FDP.

Mr.Srinivasulu Reddy, CEO,Sankalpa Software Solutions,Hyderabad who is the speaker for the first day of FDP. He explained about the machine learning concepts and also on Data analytics and Visualization. He elaborated on basics of numpy in python like list, tuple, Dictionary, looping, array, indentation with hands on session using python.

Mr.Kagandeep Thakur, Technical Director, Cognitive Creators, was the resource person from the second day of FDP and also for next three days. His session was very much interesting and with full energy as he explained all the concepts with hands on session for all the four days. He has explained how to install Anaconda and how to work on Spyder environment during hands on. He also covered on Linear Regression and its types, Decision Trees & Random Forests, Support Vector Machines & Kernel SVM, Naïve bayes, K-Means Clustering, Principal Component Analysis & Kernel PCA. Also on the last day he covered on Natural Processing and Neural networks.

Prof. K Kailasa Rao, Director of CSE and Dean Placements gave his presence on valedictory function and distributed certificates to all the participants. Finally **Dr. D Sujatha, HOD, CSE** has expressed her gratitude towards the management for providing resources for one week FDP. Also she extended in thanking our Principal, Speaker, Coordinators and the participants for making this FDP a grand success.

Event co-ordinators: Dr.D.Sujatha, Dr.Thaaayaba Khatoon, Mrs.M.Gayatri, Mr.Samba Sivdu, Mr.Manoj Kumar, Mrs.Kalpana, Mrs.V.Suneetha, Mrs.Arthi kumari, Mr.Shiva kumar, Mrs.R.Sujatha.

Topics covered on five days

Day 1- Introduction to Python Programming

Python Environment set up, Python for Data Analysis-NumPy, Python for Data Analysis-Pandas, Python for Data Visualization-Seaborn, Python for Data Visualization-Plotly and Cufflinks

Day 2- Introduction to Machine Learning

Linear Regression, Multiple Linear Regressions, Polynomial regression, Logistic Regression, K-Nearest Neighbours

Day 3- Decision Trees & Random Forests, Support Vector Machines & Kernel SVM

Day 4- Naïve bayes, K-Means Clustering

Day 5- Principal Component Analysis & Kernel PCA, Linear Discriminant Analysis (LDA),
Introduction on Natural Language Processing

Day 6- Neural Nets and Deep Learning

Tensorflow- Convolution neural network, Artificial neural network

KERAS

- Keras for Classification and Regression in Typical Data Science Problems
- ANN,CNN on KERAS





MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

REGISTRATION FORM One Week Faculty Development Programme

On

*MACHINE LEARNING
&
DEEP LEARNING*

APRIL 29th -MAY 4th, 2019

Name:

Designation:

Dept:

Institution:

Phone/ mobile:

Email:

Date

Signature

CHIEF PATRON

Sri . Ch. Malla Reddy Chairman, MRGI .

PATRONS

Sri. Ch.Mahender Reddy.

Sri. Ch.Bhadra Reddy.

CONVENER

Dr. V.S.K Reddy, Principal, MRCET

COORDINATOR

Dr. D. Sujatha, HOD-CSE

Dr. Thayyaba Khatoon MD, Professor, CSE

ADVISORY COMMITTEE

Dr. M. Murali Krishna , Dean Academics

Prof. K. Kailasa Rao ,Director, Dept Of CSE&IT

Prof. P. Sanjeeva Reddy , Director, Interna-
tional Studies

ORGANIZING COMMITTEE

Dr. S.Shanthi, Professor, CSE,MRCET

Dr. P. Chandrasekhar, Professor, CSE

Dr. Nagendra Prabhu, Professor, CSE

Mr. P. Bikshapathy, Assoc. Professor, CSE

Mr. M .Samba Sivudu, Assoc. Professor, CSE

Mr . M. Jayapal, Assoc. Professor, CSE

Mrs. D. Radha, Assoc. Professor, CSE

Mr. G. Ravi, Assoc. Professor, CSE



One Week Faculty Development Programme

On

*MACHINE LEARNING
&
DEEP LEARNING*

APRIL 29th -MAY 4th, 2019




Organized by
Department of CSE



MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY

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Survey conducted by Outlook Magazine 2016 with regard to training and placement. The College has taken initiative simultaneously progressing various Academic and Industry Collaboration agreements with foreign Universities such as University of New Orleans, USA, International Technological University, Silicon Valley, USA, University of Cambridge, ESOL Examinations (BEC), UK Institute of Technology, Blanchardstown, United Kingdom, Nalsar University, Hyderabad, and Cisco Academy for facilitating both student and faculty development programs in order to improve the quality of students education. MRCET is a life time member of NHRD.

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THEME OF FDP

The FDP aims to provide a common platform for discussions and deliberations to share the technological development in computer science and information technology. The aim of this FDP is to provide an exposure to both basics and recent advances in Machine Learning and Deep Learning to the teaching and research community associated with the departments of Electronics, Electrical, Computer Science, IT, MCA.

Course Objectives:

This course introduces several fundamental concepts and methods for machine learning. The objective is to familiarize the audience with some basic learning algorithms and techniques and their applications. Several software libraries and data sets publicly available will be used to illustrate the application of these algorithms. The emphasis will be thus on machine learning algorithms and applications, with some broad explanation of the underlying principles. The main topics covered are:

TOPICS

Module 1: Introduction to Python Programming
Module 2: Machine Learning Algorithms
Module 3: Natural Language Processing
Module 4: Deep Learning

RESOURCE PERSONS

Mr. Gagandeep Thakur, Consultant, Cognitive Creators
Mr. P. Srinivas Reddy, CEO, Sanalp Solutions Ltd
Mr. Himanshu Singh, Data Scientist & AI Corporate Trainer
Mr K. Naga Kumar, CEO, Devspark IT Solutions

REGISTRATION FEE: 1500/- for All

Last date for the submission of the Application: 27/04/2019.

VENUE: Auditorium, MRCET.

ALL CORRESPONDENCE TO: (Coordinators)

Dr. D. Sujatha
Dr. Thayyaba Khatoon Mohammed
Email: fdpmidl@mrcet.ac.in
Contact Number: +919542435324



INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING

21/06/2019 and 22/06/2019

The seventh International conference on “**Soft Computing and Signal Processing**” was held in **MRCET** on 21 and 22 June 2019 which was organized by department of CSE&IT. The Conference was a significant event, bringing together 120 scholars from various countries in which the papers got published in SPRINGER. The conference added credit to the institution by the presence of eminent personalities like **Dr.Muralidhar Rangaswamy**, WPAFB, OH, USA, **Dr.Ganapati Panda**, IIT, Bhubaneswar, India, **Dr.Sanjay Sengupta**, CSIR, Delhi, India, **Dr. Shahrol Bin Mohamaddan**, UNIMAS, Malaysia, **Mr. U.Vidyasagar**, TCS, Hyderabad, India, **Dr.V N Mani**, Scientist ‘F’, CMET, India, **Dr.S Upendra Sastry**, Nodal Officer, Hindi Mahavidyalaya, India and the backbone of our Springer publication Chair **Dr Suresh Chandra Satapaty**. This conference gave a prestigious moment to MRCET and the souvenir has been launched by all the dignitaries on the dais.

Dr.V.S.K.Reddy, Principal, has welcomed chief guests ,authors from national and international wide to the two days international conference which sets a platform for the teaching community .He insist the faculty to get upgrade with the teaching skills and recent technology .He expressed her gratitude in thanking all the eminent person for their presence which makes the conference a grand success. He also feels proud in organizing four various international conferences at MRCET and also feels delight in association with Springer and Scopus indexed journals.

Dr.Murali Krishna, Dean Academics appreciated all the departments for conducting the four international conferences on various domains. He told MRCET is a very good platform for research scholars to grab and share knowledge. He also mentioned that the MRCET is known for Brand of Excellence in terms of Academic and placements. He appreciated the co-coordinators of four various conferences who spent almost three months time for choosing a quality papers for publication.

Dr.Sanjeeva Reddy, Director of ECE, Convener of Conference spoke about all the dignitaries and welcomed them formally. He gave a brief note on all the four conference, 1) International Conference on Soft Computing and Signal Processing (ICSCSP) which was conducted by the department of ECE,CSE &IT, 2) Emerging technologies in Mechanical Sciences (ICEMS) which was conducted by the department of Mechanical, 3)Strategies for

Business Excellence Challenges and Opportunities (ICSBE) which was organized by MBA and the fourth International conference on Aeronautics and Beyond (ICAB). As a convener he overwhelmed by the response of authors of various countries. He expressed his deep sense of gratitude to reputed personalities and to principal of MRCET **Dr.V.S.K.Reddy** for providing a platform for research scholars where they express their views, knowledge, and dissemination of technologies.

Dr.S.Srinivas, HOD of ECE, Organizing Secretary representing ICSCSP welcomed all the delegates and participants. He shared about the achievement of receiving 550 papers from various countries and shared his experience on selecting a quality papers for publishing. Finally he expressed his gratitude to the coordinators who finalized 93 papers for publishing.

Dr.Muralidhar Rangaswamy, WPAFB, OH, USA, who has been the keynote speaker of ICSCSP for the department of CSE & IT has delivered a keynote on Radar systems. He said about the current technologies, challenges and problems faced on fully adaptive radar systems. His speech was completely informative and at the end of his speech Dr.Sanjeeva Reddy, Director of ECE, Convener of Conference and Dr.S.Srinivas, HOD of ECE, Organizing Secretary of ICSCSP has put forth some queries and got solutions from our eminent speaker.

International Conference on Soft Computing and Signal Processing (ICSCSP) has received around 550 papers all over the world. In that CSE Department has received 140 papers and 69 have been scrutinized. On the day of conference 40 have presented their papers at MRCET and remaining 15 presented through skype.

We had the most prestigious personalities as our Session Chair for the two days International Conference who gave valuable suggestions to our Authors and they are Dr M Ramakrishna Murthy,ANITS, Visakhapatnam, Dr Janaki Ramaiah, PVP Sidhartha, Vijayawada, Dr.D.Sujatha, HOD of CSE and Dr. Dr.G.Sharada, HOD of IT

Dr.S.Shanthi and Dr.Chandrasekhar the coordinators of two days International Conference who put their great effort on scrutinizing papers and spent almost three months of time on that and also helped in organizing the event under the esteemed guidance of **Dr.D.Sujatha, HOD of CSE and Dr. Dr.G.Sharada, HOD of IT.**

At the end of two days International Conference **Dr.D.Sujatha, HOD of CSE and Dr.G.Sharada, HOD of IT** appreciated all the coordinators, teaching and non-teaching staff who directly and indirectly helped in the grand success of the event.



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Malla Reddy College of Engineering and Technology (MRCET) is established in the year 2004, approved by AICTE, New Delhi and permanently affiliated to JNT University, Hyderabad. The MRCET College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering, Mining Engineering and Master in Business Administration (MBA). **The college also has UGC Autonomous status for both Engineering and Management Programs.** The college also is accredited by National Board of Accreditation (NBA) and NAAC with 'A' Grade. The Institution is certified with ISO 9001:2015.

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The International Conference on Soft Computing and Signal Processing is planned to create awareness and provide a common platform for the professionals, academicians and researchers working in the area of Soft Computing and Signal Processing to analyze state of the art developments, innovations and future trends and thereby contribute to the much needed dissemination of latest developments and advances in these fields. It is a well known fact that research plays a vital role in the sphere of teaching and academics. Soft Computing encompasses topics such as Soft sets, Rough Sets, Fuzzy Logic, Neural Networks, Genetic Algorithms and Machine Learning. Signal Processing encompasses topics such as Image and Video Processing, Speech Processing, Radar Signal Processing and VLSI Signal Processing which are all state of the art topics having great deal of research potential.

This conference provides a platform for interacting and exchanging ideas, experience and expertise in the current focus of global research, recent developments, challenges and emerging trends in the above mentioned fields. Finally, this conference is going to be an intellectual arena which encompasses ability to exchange and exhibit mutual respect and understanding of ideas, philosophical principles, cognitive styles, and mind-sets as well as acts of integrity and purposeful personal reflection.

The Submitted papers are expected to cover state-of-the-art technologies, product implementation, ongoing research as well as application issues.

Conference Topics

- Soft Computing
- Parallel Processing
- Artificial Intelligence & Neural Networks
- Data Mining & Data Warehousing
- Cloud Computing
- Grid Computing
- Distributed Computing
- Big Data Analytics
- Internet of Things (IoT)
- 4G Wireless Technologies
- Machine Learning
- Radar Signal Processing
- Computational Signal Processing
- Speech Processing
- VLSI signal processing
- Image & Video processing
- Cognitive Radio
- Signal Processing Communication

and any other area which is relevant to Soft Computing and Signal Processing

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An enthralling and bewitching experience, a unique architectural and engineering marvel that is Golconda is a masterpiece and a citadel that depicts the glory of the Royal Kingdoms that ruled this region. The invincible ramparts, boulders and intricate finesse of the fort are breathtaking.

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In close proximity to Hussain Sagar lies the famous Birla Mandir dedicated to lord Venkateswara. The temple is built on top of a hillock. This was constructed by the noted Industrialist GD Birla totally in marble stone. The temple attracts lot of tourists throughout the year.





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An enthralling and bewitching experience, a unique architectural and engineering marvel that is Golconda is a masterpiece and a citadel that depicts the glory of the Royal Kingdoms that ruled this region. The invincible ramparts, boulders and intricate finesse of the fort are breathtaking.

BIRLA MANDIR

In close proximity to Hussain Sagar lies the famous Birla Mandir dedicated to Lord Venkateswara. The temple is built on top of a hillock. This was constructed by the noted Industrialist GD Birla totally in marble stone. The temple attracts lot of tourists throughout the year.



About MRCET

Malla Reddy College of Engineering and Technology (MRCET) is a constituent college of Malla Reddy Group of Institutions (MRGI) founded by Mr.Ch. Malla Reddy noted educationist and Founder Chairman, MRGI. At present there are 12 engineering colleges under MRGI with 30,000 students in the campus, making MRGI the largest group of institutions in Telangana, India. The MRGI is situated about 30 km from the International Airport, Hyderabad.

Malla Reddy College of Engineering and Technology (MRCET) is established in the year 2004, approved by AICTE, New Delhi and permanently affiliated to JNT University, Hyderabad. The MRCET College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering, Electrical and Electronics Engineering and Master in Business Administration (MBA). **The college also has UGC Autonomous status for both Engineering and Management Programs.** The college also is accredited by National Board of Accreditation (NBA) and NAAC with 'A' Grade. The Institution is certified with ISO 9001:2015.

Special Achievements

- UGC Autonomous Institution, Govt. of India.
- Accredited by NBA Tier I, AICTE, New Delhi.
- Accredited by NAAC-A Grade, UGC, Govt. of India.
- Institute has been certified with ISO 9001:2015
- UGC 2f & 12(B) recognized institution, UGC New Delhi
- Research Centre Status, JNTUH, Hyderabad
- MoU with University of New Orleans, USA
- MoU with International Technological University, USA
- MoU with University Malaysia Sarawak (UNIMAS), MALAYSIA
- MoU with ECPI University, USA
- MoU with University of Highlands & Islands, Scotland, UK
- MoU with Lincoln University College, MALAYSIA
- Recognized e-Gov Campus by Engineering Watch, Re-Engineering India.
- Industry Institute Partnership Cell (IIPC)
- MoU with NRDC, Govt. of India
- AICTE-MHRD Institution Innovation Council, Ministry of HRD, Govt. of India.
- Recognition of Scientific Industrial Research Organizations (SIROs) by Govt. of India.
- Indian World Record and special recognition in "Indian Book of Records" for outstanding performance of mastering the art of world largest painting – World's Earth Day.
- MRCET is a life member of NHRD Network
- CISCO International Certification Authorized Centre.
- Approved to admit Foreign Students/PIO's
- Nodal Center: IIT – Bombay/Kharagpur for Technology Transfer
- NASSCOM Nodal Center for NAC-Test Assessment
- JAVA Certification through Oracle Academy
- MoU with Tech Mahindra
- Business Incubation Centre – MSME, Govt. of India
- Global Education and Career Counseling Centre
- Ranked 'AAA+' among India's Best Engineering Colleges – 2018 - Careers360.
- Ranked Top 100 Best Engineering Institutions in India - Outlook Magazine.
- Ranked 5th among the Top Engineering Colleges of Excellence in CSR.
- Ranked Top 30 Best Engineering Institutions in India - India Today.

CALL FOR PAPERS

ICSCSP Conference Theme:

The Third International Conference on Soft Computing and Signal Processing is planned to create awareness and provide a common platform for the professionals, academicians and researchers working in the area of Soft Computing and Signal Processing to analyze state of the art developments, innovations and future trends and thereby contribute to the much needed dissemination of latest developments and advances in these fields. It is a well known fact that research plays a vital role in the sphere of teaching and academics. Soft Computing encompasses topics such as Soft sets, Rough Sets, Fuzzy Logic, Neural Networks, Genetic Algorithms and Machine Learning. Signal Processing encompasses topics such as Image and Video Processing, Speech Processing, Radar Signal Processing and VLSI Signal Processing which are all state of the art topics having great deal of research potential.

This conference provides a platform for interacting and exchanging ideas, experience and expertise in the current focus of global research, recent developments, challenges and emerging trends in the above mentioned fields. Finally, this conference is going to be an intellectual arena which encompasses ability to exchange and exhibit mutual respect and understanding of ideas, philosophical principles, cognitive styles, and mind-sets as well as acts of integrity and purposeful personal reflection.

The Submitted papers are expected to cover state-of-the-art technologies, product implementation, ongoing research as well as application issues.

Conference Topics

- Soft Computing
- Parallel Processing
- Artificial Intelligence & Neural Networks
- Data Mining & Data Warehousing
- Cloud Computing
- Grid Computing
- Distributed Computing
- Big Data Analytics
- Internet of Things (IoT)
- 5G Wireless Technologies
- Machine Learning
- Radar Signal Processing
- Computational Signal Processing
- Speech Processing
- VLSI signal processing
- Image & Video processing
- Cognitive Radio
- Signal Processing & Communication

and any other area which is relevant to Soft Computing and Signal Processing



THIRD INTERNATIONAL CONFERENCE

ON SOFT COMPUTING AND SIGNAL PROCESSING
(ICSCSP-2020)

JUNE 19-20, 2020



Two Day Seminar on **RESEARCH SCHOLARS SUMMIT** December 3 - 4, 2018

In Technical Association with



**DIRECTORATE OF RESEARCH & DEVELOPMENT
JNTUH, HYDERABAD**

Organized by **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution - UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC - 'A' Grade - ISO 9001:2015 Certified)
Maisammaguda, Dhulapally, Secunderabad - 500100, Telangana State, India.

For more details log on to
www.mrcet.ac.in



SCHEDULE

Day 1:

09.45am - 11.00am : Inauguration Ceremony
Keynote address
11.00am - 11.15am : Tea Break
11.15am - 12.00pm : Concept Mapping &
Formulation of Research
Problem
12 noon - 1.00pm : Introduction to Qualitative
Research
01.00pm - 02.00pm : Lunch Break
02.00pm - 03.00pm : Primary Data Collection
(Tools & Techniques)
03.00pm - 03.15pm : Tea Break
03.15pm - 04.00pm : You and Your Research Work

Day 2:

10.00am - 11.00am : Exploring the analytic
approach for Research.
11.00am - 11.15am : Tea Break
11.15am - 12.00noon : Road Map to Research
Work
12 noon - 01.00pm : Identification of proper
research area
01.00pm - 02.00pm : Lunch Break
02.00pm - 03.00pm : How to write Research
Paper
03.00pm - 03.15pm : Tea Break
03.15pm - 04.00pm : Overview of Research
Methodologies

Eligibility:

Faculty and Research scholars from
AICTE approved Engineering Colleges
and & also participants from R&D
organizations.

Registration:

All participants have to pay Rs. 500
as registration fee by Demand Draft
in favour of 'The Principal, MRCET',
Maisammaguda, Dhulapally,
Secunderabad.

How to Apply:

The applicants can send their
application in the prescribed format
and should reach us on or before
20.11.2018.

Only limited number of participants
will be selected on first-come-first-
served basis.

Resource Persons:

Dr. K. Lal Kishore, VC(Retd.), JNTUA, Anantapur
Dr. B.N. Bhandari, Director, Academic Planning, JNTUH
Dr. V. Kamakshi Prasad, DE, JNTUH, Hyderabad
Dr. NS. Murthy, Dean(Retd.), NIT, Warangal
Dr. L. Pratap Reddy, Professor, JNTUH, Hyderabad
Dr. Suresh Satapathy, Professor, KIIT, Bhubaneswar.
Dr. VSK. Reddy, Principal, MRCET
Dr. M. Muralikrishna, Dean, MRCET
Dr. S. Srinivasa Rao, Head, ECE, MRCET

Scheduled Date

Last date for receipt of application
20.11.2018

Intimation of Selection by email
25.11.2018

Venue:

Main Auditorium, MRCET Campus
Contact: Dr B Jyothi, Professor
+91 9440330397
Email: mrcetce@gmail.com



Chief Patron

Sri. CH. Malla Reddy
Hon'ble MP, Govt. of India
Founder Chairman, MRGI

Patrons

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Dr. CH. Bhadra Reddy - President, MRGI

Convener

Dr. VSK Reddy
Principal, MRCET

Co-Convener

Dr. M Murali Krishna
Dean Academics, MRCET

Program Chair

Prof. P. Sanjeeva Reddy
Director, ECE, MRCET

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Dr. S. Srinivasa Rao - HOD, ECE
Dr. PHV Sesha Talpa Sai - Director, R&D

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Dr. S. Shanthi, Professor, CSE
Dr. NS. Gowri Ganeshan, Professor, IT
Dr. Nirupma Singh, Professor, R&S

Organizing Committee

Prof. K. Kailasa Rao, Director-CSE&IT
Dr. D. Sujatha, HOD-CSE
Dr. G. Sharada, HOD-IT
Dr. V. Madhusudhan Reddy, HOD-H&S
Prof. K. Subhas, HOD-EEE

Phone: Off: +91-40-23158665
Fax: +91-40-23158665
Web : www.jntuh.ac.in
E Mail: pa2registrar@jntuh.ac.in



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No.30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana (India)

Dr. N. YADAVIAH

B.E (OUCE), M.Tech. (IIT KGP), Ph.D (JNTU)
SMIEEE, FIE, FIETE, MSSI, MISTE

Professor of EEE &

REGISTRAR

Lr.No.D1/3172/2018

Date: 19.10.2018

To

The Principal,
Malla Reddy College of Engineering & Technology,
Maisammaguda, Dhulapally,
Secunderabad

Sir,

Sub: JNT University Hyderabad –Directorate of Academic & Planning – Permission to organize two day seminar “Research Scholars Summit” in technical association with Directorate of Research and Development, JNTUH in the department of ECE on 3rd & 4th December 2018.

Ref: Your letter dated. 29.09.2018.

With reference to your letter cited, it is to inform you that you are permitted to organize a two-day Seminar on “Research Scholars Summit” in technical association with Directorate of Research and Development, JNTUH, in the department of ECE on 3rd & 4th December 2018 on your Campus without any financial commitment for the University.

A copy of the proceedings along with a detailed report on the conference has to be submitted to the University for record.

The University wishes the conferences a grand success.

Yours sincerely,


REGISTRAR

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

(Sponsored by CMR Educational Society)

Recognized under 2(f) and 12 (B) of UGC ACT 1956

(Affiliated to JNTUH, Hyderabad, Approved by AICTE- Accredited by NBA & NAAC – 'A' Grade - ISO 9001:2015 Certified)



Date: 19-11-2018

To

Sub: Two Day Seminar on 'RESEARCH SCHOLARS SUMMIT' scheduled on December 3 – 4, 2018

Respected Sir/ Madam,

Malla Reddy College of Engineering and Technology (MRCET), Secunderabad is an UGC Autonomous Institution. MRCET is organizing a two day seminar on RESEARCH SCHOLARS SUMMIT in technical association with Directorate of Research & Development, JNTUH, Hyderabad scheduled on December 3-4, 2018.

The main objective of this seminar is to bring awareness among research scholars to widely use quantitative techniques and computer software packages for objective and qualitative research along with providing a road map for successful completion of quality research work in their respective fields and explore the technological advancements.

In view of the above, we humbly request and invite Faculty/colleagues, PG & Ph.D Research Scholars of your institution to actively participate in the seminar.

We request you to kindly visit our website for more details: www.mrcet.ac.in

Thanks and Regards,

Yours sincerely,

Dr. VSK Reddy

PRINCIPAL

Malla Reddy College of Engg. & Technology
UGC AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally, Secunderabad-500 100

In Technical Association with



DIRECTORATE OF
RESEARCH & DEVELOPMENT
JNTUH, HYDERABAD

Dr S Srinivasa Rao,
Dr PHV Sesha Talpa Sai
Organizing Secretaries



Secunderabad - 500100, Telangana State, India. website: www.mrcet.ac.in
FAMCET/ICET/PGEET Code : MLRD



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(UGC, Autonomous Institution-Govt. of India)

Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC - 'A' Grade, ISO 9001:2015 Certified
Maisammaguda, Dhulapally, Kompally, Secunderabad-500100, Telangana, INDIA

CERTIFICATE



2nd International Conference

SOFT COMPUTING AND SIGNAL PROCESSING (ICSCSP-2019)

June 21-22, 2019

THIS IS TO CERTIFY THAT

R. Shalini

DR/PROF/MR/MRS.....

FROM..... **University of Madras, Chennai**.....

HAS PRESENTED A PAPER ENTITLED

Segmentation of Retinal Features using hybrid BINI Thresholding in Diabetic Retinopathy Fundus Images

IN THE 2ND INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL
PROCESSING (ICSCSP-2019) ORGANIZED BY MALLA REDDY COLLEGE OF ENGINEERING &
TECHNOLOGY, HYDERABAD, INDIA. THIS PAPER HAS BEEN PUBLISHED IN THE
PROCEEDINGS OF ICSCSP-2019, SPRINGER-ADVANCES IN INTELLIGENT SYSTEMS AND
COMPUTING (AISC) SERIES.

Jiacun Wang

Dr. Jiacun Wang
Editor, ICSCSP
Monmouth University
New Jersey, USA

Suresh Chandra Satapathy

Dr. Suresh Chandra Satapathy
Publication Chair
KIIT, Bhubaneswar

P. Sanjeeva Reddy

Prof. P. Sanjeeva Reddy
Convener, ICSCSP
Dean, International Studies

VSK Reddy

Dr. VSK Reddy
Conference Chair, ICSCSP
Principal



Two Day Seminar on **RESEARCH SCHOLARS SUMMIT** December 3 - 4, 2018

Certificate of Participation

This is to Certify that Prof/Dr/Mr/Ms _____
of _____ has participated in
the Two Day Seminar on Research Scholars Summit
scheduled on **December 3 - 4, 2018** in Technical
Association with the **Directorate of Research &
Development, JNTUH, Hyderabad.**

Prof P Sanjeeva Reddy
Director, ECE

Dr M Murali Krishna
Dean, Academics

Dr VSK Reddy
Principal

In Technical Association with



Directorate of Research & Development, JNTUH, Hyderabad



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

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MRCET CAMPUS

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ICSCSP 2020





Research Scholar Summit



REGISTRATION FORM

"RESEARCH SCHOLAR SUMMIT-2018"

A TWO DAYS SEMINAR ON 'RESEARCH
METHODOLOGY AND HOW TO WRITE RESEARCH
PAPER

Dec 3-4, 2018

Name:

Designation:

Dept.:

Institution:

Phone/ mobile:

Email:

Note: Eligibility Criteria

Faculty and Researchers working in any engineering
Institutes are eligible to attend

Date :

Signature

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Sri . Ch. Malla Reddy, Chairman, MRGI .

Patrons

Sri.Ch.Mahender Reddy.

Sri.Ch.Bhadra Reddy.

Coordinator

Dr. V.S.K Reddy, Principal , MRCET

Co- Coordinator:

Dr. M. Murali Krishna, Dean, MRCET

Organizing Secretary

Dr.P.H.V. Sessa Talpa Sai, HOD

Mechanical Engineering Department, MRCET

Ph: 9347665556

Organizing Committee

The Faculty of ME Dept, MRCET



A TWO DAYS SEMINAR ON 'RESEARCH
METHODOLOGY AND HOW TO WRITE RESEARCH

RESEARCH SCHOLAR SUMMIT-2018

Dec 3-4, 2018

Organized By



Department of Mechanical Engineering

**MALLA REDDY COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(Approved by AICTE & Affiliated to JNTUH)

Maisammaguda, Dhulapally, Secunderabad-14



Ph: 040-23792146, 64634237

www.mrcet.ac.in

MRGI AT A GLANCE

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Andhra Pradesh, MRGI promises eventful student oriented learning. The founder chairman Sri.Ch. Malla Reddy began the journey as an educationalist to form the bridge between society, industry and academics. He is an unassuming dynamic leader with a keen interest in changing trends of higher education and student's employability in India. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all areas of education. Education at MRGI brings all round and holistic development in students.

ABOUT MRCET

Malla Reddy College of Engineering & Technology (MRCET) is a Constituent college of MRGI. The group founded in the year 2002, by Mr.Ch.MALLA REDDY, an eminent educationalist, is the largest cluster of technical institutions in the state of Andhra Pradesh, with the student strength of 20,000 and staff strength of 2000. The College was established in the year 2004, and affiliated to JNTU. It is one of the largest campuses in Andhra Pradesh, Offering B.Tech and M.Tech Programmes in the area of ECE, CSE, IT, AERO&MECH and Post graduate course MBA. The College also has NBA accreditation for both engineering and management programs. The College is also having Jawaharlal knowledge center (JKC), which helps the students to get placements. Our college is ranked seventh (7th) among Top Engineering Colleges of Excellence in A.P as per the Competition Successive Review (CSR)-2012 report. Also it is Ranked 'AA' among Best Engineering Colleges in India by Career 360 survey and it is recognized as a Remote center for National Programs by IIT -Bombay. Our college has also established various Academic and industry Collaboration agreements with foreign Universities such as University Northern Arizona, USA, University of New Orleans, USA, international Technological University, USA, Cambridge University, UK, Nalsar University, Hyderabad, CISCO Systems and ISRO for facilitating both students and faculty development programs in order to improve the quality of students education. Our college is a lifetime member of NHRD. The faculty has the synergy of excellence in application oriented teaching, research and consultancy experience in India and overseas. The

experienced faculty continuously endeavors to impart the knowledge to groom the students into industry ready engineers.

ABOUT DEPARTMENT OF MECHANICAL ENGINEERING - MRCET

The department of Mechanical Engineering established with a motto of preparing the students to meet the challenges of Mechanical, automation and automobile industry. The department has state-of-art laboratories with advance machines and equipment to cater to the today's requirement of industry. The department is attracting industry experts as faculty members for exposing students to the practical engineering concepts to enhance the knowledge in the area concerned.

The Department of Mechanical Engineering was established in 2011, with an intake of 60 students and in due course the intake was increased to 180 and most of the students who graduated have been offered attractive placements by various reputed Defence/ mechanical Industries and software companies.

The department is offering Post Graduate Programs in Thermal Engineering and Machine Design. The Department has been organizing Techfest named Yantrotsav every year for students. Several faculty development workshops in the area of CAD/CAM, MATLAB, 3d PRINTING, Manufacturing Management, Thermal Engineering and Automation were organized by the department. The Department has well established labs and well qualified and experienced faculty.

THEME OF PROGRAMME

What is "smart manufacturing" really and how does it differ from conventional/legacy manufacturing-Smart Manufacturing Processes- Three Dimensions: (1) Demand Driven and Integrated Supply Chains;(2) Dynamically Optimized Manufacturing Enterprises (plant + enterprise operations);(3) Real Time, Sustainable Resource Management (intelligent energy demand management, production energy optimization and reduction of GHG) Smart Design/Fabrication - Digital Tools, Product Representation and Exchange Technologies and Standards, Agile (Additive) Manufacturing Systems and Standards. Mass Customization, Smart Machine Tools, Robotics and Automation (perception, manipulation, mobility, autonomy), Smart Perception - Sensor networks

and Devices.

Online Predictive Modeling, Monitoring and Intelligent Control of Machining/Manufacturing and Logistics/Supply Chain Processes; Smart Energy Management of manufacturing processes and facilities

PROGRAMME CONTENTS:

- Introduction to smart manufacturing
- Smart design/fabrication
- Smart Communication systems
- Smart Applications
- Smart and Empowered Workers:

RESOURCE PERSONS

Renowned Professors from Reputed Institutes/ Universities and R&D Organizations.

REGISTRATION: Registration for participating in the programme may be done by sending the filled in application form as given in this brochure

Co- Coordinator:

Dr. M. Murali Krishna, Dean, MRCET

Organising Secretary

Dr. P.H.V. Sesha Talpa Sai, HOD,
Mechanical Engineering Department,
Malla Reddy College of Engineering and Technology.
Ph: 9347665556

Email: mrcet.me@gmail.com.

Last date for the submission of application: 25-07-2018.

VENUE: Seminar Hall, MRCET

Malla Reddy College of Engineering and Technology

UGC Autonomous – Institution, NBA Accredited, Approved by AICTE, Affiliated to JNTUH

Secunderabad – 500100, Telangana, India.

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Department of Mechanical Engineering

Date: Dec 3-4, 2018

RESEARCH SCHOLARS SUMMIT

Session Schedule:

DAY-1 DEC 3, 2018

Session	Time
Inauguration Ceremony Keynote address	9.45am-11.00am
Tea Break	11.00am-11.15am
Concept mapping & Formulation Of Research Problem	11.15am-12.00pm
Introduction to Qualitative Research	12.00pm-1.00pm
Lunch Break	1.00pm-2.00pm
Primary Data Collection (Tools & Techniques)	2.00pm-3.00pm
Tea Break	3.00pm-3.15pm
You and Your Research Work	3.15pm-4.00pm

DAY-2 DEC 4, 2018

Session	Time
Exploring the analytic approach for Research.	10.00am-11.00am
Tea Break	11.00am-11.15am
Road Map to Research Work	11.15am-12.00pm
Identification of proper research area	12.00pm-1.00pm
Lunch Break	1.00pm-2.00pm
How to write Research Paper	2.00pm-3.00pm
Tea Break	3.00pm-3.15pm
Overview of Research Methodologies	3.15pm-4.00pm

Malla Reddy College of Engineering and Technology

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Secunderabad – 500100, Telangana, India.

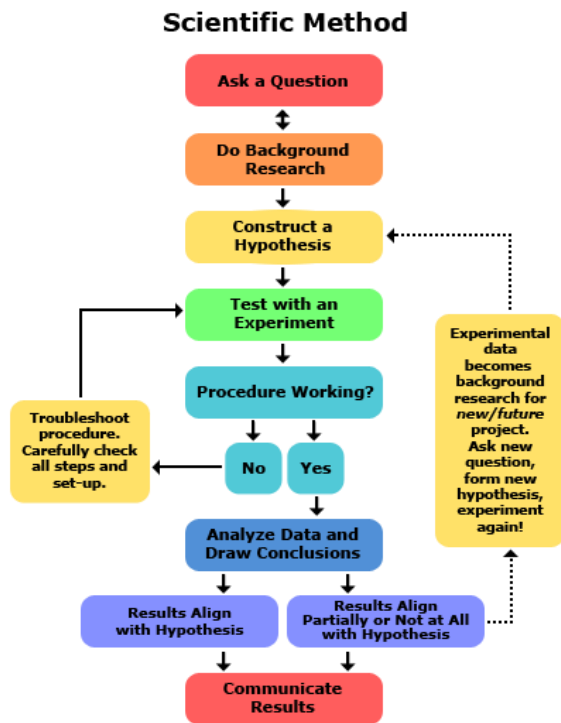
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Department of Mechanical Engineering

RESEARCH SCHOLARS SUMMIT

OVERVIEW OF TOPICS COVERED

1. Concept mapping & Formulation Of Research Problem



A graphical representation of formulating a research problem through a concept map

2. Introduction to Qualitative Research

Qualitative research is defined as research devoted to developing an understanding of human systems, be they small, such as a technology-using teacher and his or her students and classroom, or large, such as a cultural system. Qualitative research studies typically include ethnographies, case studies, and generally descriptive studies. Qualitative research methods typically include interviews and observations, but may also include case studies, surveys, and historical and document analysis. Case study and survey research are also often considered methods on their own.

3. Primary Data Collection (Tools & Techniques)

The primary data can be collected through laboratory measurement, field observation, questionnaires, interviews, opinionnaires, schedules etc. The secondary data can be collected from technical publications such as manuals, handbooks, data sheets, and standards, books and journals, official publications of the Central

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Department of Mechanical Engineering

government, state governments, local bodies, private data services and computer data base.

4. Exploring the analytic approach for Research

An analytical approach is the use of analysis to break a problem down into the elements necessary to solve it. It's the same as formal analysis.

5. How to write Research Paper

A research paper is a piece of academic writing based on its author's original research on a particular topic, and the analysis and interpretation of the research findings. It can be either a term paper, a master's thesis or a doctoral dissertation.

6. Overview of Research Methodologies

Research methods are generalised and established ways of approaching research questions. Research methods are divided into qualitative and quantitative approaches and involve the specific study activities of collecting and analyzing research data in order to answer the particular research question.

Malla Reddy College of Engineering and Technology

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Department of Mechanical Engineering

Resource Persons:

Dr.M.Anji Redy Director R&D cell JNTUH

Mr T V Shiva Rao ,Director,T&AS Designtech Service. PVT LTD

Dr V Kamakshi Prasad, DE, JNTUH, Hyderabad

Dr L Pratap Reddy, Professor, JNTUH, Hyderabad

Dr Suresh Satapathy, Professor, KIIT, Bhubaneswar.

Dr VSK Reddy, Principal, MRCET

Dr M Muralikrishna, Dean, MRCET

Dr A Amaranadha Reddy, HOD-MECH

Malla Reddy College of Engineering and Technology

UGC Autonomous – Institution, NBA Accredited, Approved by AICTE, Affiliated to JNTUH
Secunderabad – 500100, Telangana, India
www.mrcet.ac.in

Department of Mechanical Engineering

Date: Dec 3-4, 2018

RESEARCH SCHOLARS SUMMIT

List of participants

S.NO	NAME	Signature
1.	Dr. Amarnadha Reddy Manchuri	
2.	Dr. Srikar Potnuru	
3.	M.L.R.Chaitanya Lahari	
4.	Haseena bee	
5.	S. Lakshmi Nitheesha	
6.	Misbha Mehdi	
7.	Y. Indrāja	
8.	D Prasuna Lilly Florence	
9.	Kakera Akhila	
10.	Dantam Venkata Subba Rao	
11.	S Vivekananda	
12.	Mangeelal D	
13.	C Daksheeswara Reddy	
14.	Vennam Gopala Krishna	
15.	Anupama sai priya nakkella	
16.	K Saidulu	
17.	P.H.V. Sesha Talpa Sai	
18.	Sandhya Rani Borukati	
19.	Mahantesh Katagi	
20.	Sruthi Srinivasan	
21.	B.Mahendra	
22.	Desu Damodara Reddy	
23.	Dr.T.Sivakumar	
24.	B Samhita	
25.	Sridhar Akarapu	
26.	V.Srinivas Reddy	
27.	Katravath Bicha	
28.	Y Dilip Kumar	

REGISTRATION FORM

One Day Workshop

On

SMART MANUFACTURING AND TECHNOLOGY

March 12, 2018

Name:

Designation:

Dept.:

Institution:

Phone/ mobile:

Email:

Note: Eligibility Criteria

Faculty and Researchers working in any engineering
Institutes are eligible to attend

Date :

Signature

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Sri . Ch. Malla Reddy, Chairman, MRGI .

Patrons

Sri.Ch.Mahender Reddy.

Sri.Ch.Bhadra Reddy.

Coordinator

Dr. V.S.K Reddy, Principal , MRCET

Co- Coordinator:

Dr. M. Murali Krishna, Dean, MRCET

Organizing Secretary

Dr.P.H.V. Sesha Talpa Sai, HOD

Mechanical Engineering Department, MRCET

Ph: 9347665556

Organizing Committee

The Faculty of ME Dept, MRCET



One Day Workshop

on

SMART MANUFACTURING AND TECHNOLOGY



March 12, 2018

**Organized By
Department of Mechanical Engineering**



**MALLA REDDY COLLEGE OF
ENGINEERING AND TECHNOLOGY**
(Approved by AICTE & Affiliated to JNTUH)

Maisammaguda, Dhulapally, Secunderabad-14

Ph: 040-23792146, 64634237

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MRGI AT A GLANCE

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Andhra Pradesh, MRGI promises eventful student oriented learning. The founder chairman Sri.Ch. Malla Reddy began the journey as an educationalist to form the bridge between society, industry and academics. He is an unassuming dynamic leader with a keen interest in changing trends of higher education and student's employability in India. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all areas of education. Education at MRGI brings all round and holistic development in students.

ABOUT MRCET

Malla Reddy College of Engineering & Technology (MRCET) is a Constituent college of MRGI. The group founded in the year 2002, by Mr.Ch.MALLA REDDY, an eminent educationalist, is the largest cluster of technical institutions in the state of Andhra Pradesh, with the student strength of 20,000 and staff strength of 2000. The College was established in the year 2004, and affiliated to JNTU. It is one of the largest campuses in Andhra Pradesh, Offering B.Tech and M.Tech Programmes in the area of ECE, CSE, IT, AERO&MECH and Post graduate course MBA. The College also has NBA accreditation for both engineering and management programs. The College is also having Jawaharlal knowledge center (JKC), which helps the students to get placements. Our college is ranked seventh (7th) among Top Engineering Colleges of Excellence in A.P as per the Competition Successive Review (CSR)-2012 report. Also it is Ranked 'AA' among Best Engineering Colleges in India by Career 360 survey and it is recognized as a Remote center for National Programs by IIT -Bombay. Our college has also established various Academic and industry Collaboration agreements with foreign Universities such as University Northern Arizona, USA, University of New Orleans, USA, international Technological University, USA, Cambridge University, UK, Nalsar University, Hyderabad, CISCO Systems and ISRO for facilitating both students and faculty development programs in order to improve the quality of students education. Our college is a lifetime member of NHRD. The faculty has the synergy of excellence in application oriented teaching, research and consultancy experience in India and overseas. The

experienced faculty continuously endeavors to impart the knowledge to groom the students into industry ready engineers.

ABOUT DEPARTMENT OF MECHANICAL ENGINEERING - MRCET

The department of Mechanical Engineering established with a motto of preparing the students to meet the challenges of Mechanical, automation and automobile industry. The department has state-of-art laboratories with advance machines and equipment to cater to the today's requirement of industry. The department is attracting industry experts as faculty members for exposing students to the practical engineering concepts to enhance the knowledge in the area concerned.

The Department of Mechanical Engineering was established in 2011, with an intake of 60 students and in due course the intake was increased to 180 and most of the students who graduated have been offered attractive placements by various reputed Defence/ mechanical Industries and software companies.

The department is offering Post Graduate Programs in Thermal Engineering and Machine Design. The Department has been organizing Techfest named Yantrotsav every year for students. Several faculty development workshops in the area of CAD/CAM, MATLAB, 3d PRINTING, Manufacturing Management, Thermal Engineering and Automation were organized by the department. The Department has well established labs and well qualified and experienced faculty.

THEME OF PROGRAMME

What is "smart manufacturing" really and how does it differ from conventional/legacy manufacturing-Smart Manufacturing Processes- Three Dimensions: (1) Demand Driven and Integrated Supply Chains;(2) Dynamically Optimized Manufacturing Enterprises (plant + enterprise operations);(3) Real Time, Sustainable Resource Management (intelligent energy demand management, production energy optimization and reduction of GHG) Smart Design/Fabrication - Digital Tools, Product Representation and Exchange Technologies and Standards, Agile (Additive) Manufacturing Systems and Standards. Mass Customization, Smart Machine Tools, Robotics and Automation (perception, manipulation, mobility, autonomy), Smart Perception - Sensor networks

and Devices.

Online Predictive Modeling, Monitoring and Intelligent Control of Machining/Manufacturing and Logistics/Supply Chain Processes; Smart Energy Management of manufacturing processes and facilities

PROGRAMME CONTENTS:

- Introduction to smart manufacturing
- Smart design/fabrication
- Smart Communication systems
- Smart Applications
- Smart and Empowered Workers:

RESOURCE PERSONS

Renowned Professors from Reputed Institutes/ Universities and R&D Organizations.

REGISTRATION: Registration for participating in the programme may be done by sending the filled in application form as given in this brochure

Co- Coordinator:

Dr. M. Murali Krishna, Dean, MRCET

Organising Secretary

Dr. P.H.V. Sesha Talpa Sai, HOD,
Mechanical Engineering Department,
Malla Reddy College of Engineering and Technology.
Ph: 9347665556

Email: mrcet.me@gmail.com.

Last date for the submission of application: 25-07-2018.

VENUE: Seminar Hall, MRCET

**MALLA REDDY COLLEGE OF
ENGINEERING & TECHNOLOGY**
Maisammaguda, Dhulapally, Secunderabad – 500 014



DEPARTMENT OF MECHANICAL ENGINEERING

Invitation

The Head of the department and staff
Cordially invite and request your gracious presence
On the occasion of Inauguration of

**ONE DAY WORKSHOP
ON
"SMART MANUFACTURING AND TECHNOLOGY"**

(12th March, 2018)

INAGURATION

ON

12th March at 09:30 AM

Venue: Seminar Hall(Mechanical Block)

Chief Guest:

Dr. VSK Reddy

Principal, MRCET

Dr. PHV SessaTalpaSai
H.O.D, Mechanical Dept.



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution-UGC, Govt. of India.)

(Affiliated to JNTU, Hyderabad, Approved by AICTE-Accredited by NBA & NAAC –'A' Grade- ISO 9001:2015 Certified)
Maisammaguda, Dhulapally(Post Via.Kompally), Secunderabad-500100, Telangana State, India.



One Day Work Shop

On

SMART MANUFACTURING AND TECHNOLOGY

(March 12, 2018)



Organized By

Department of Mechanical Engineering

Malla Reddy College of Engineering and Technology

UGC Autonomous – Institution, NBA Accredited, Approved by AICTE, Affiliated to JNTUH

Secunderabad – 500100, Telangana, India.

www.mrcet.ac.in

Department of Mechanical Engineering

Date: March 12, 2018

ONE DAY WORKSHOP

On

SMART MANUFACTURING AND TECHNOLOGY

Session Schedule:

Session	Time
Inauguration Ceremony Keynote address	9.45am-11.00am
Tea Break	11.00am-11.15am
Introduction to smart manufacturing	11.15am-12.00pm
Smart design/fabrication	12.00pm-1.00pm
Lunch break	1.00pm-2.00pm
Smart Communication systems, Smart Applications	2.00pm-3.00pm
Tea Break	3.00pm-3.15pm
Smart and Empowered Workers	3.15pm-3.45pm
valedictory	3.45pm-4.00pm

HOD

VIDHYA SAGAR UDDAGIRI ROFILE

VIDHYA SAGAR UDDAGIRI

Technology Practice Leader, Mentor, Researcher
Hyderabad, Telangana, India

EDUCATION

All India Management Association

Degree Advanced Diploma in Management Business Administration and Management,

Graduation 2012 – 2015

Birla Institute of Technology

Degree M.E, E.C.E(Instrumentation & Control)

Graduation 1994 – 1996

Jawaharlal Nehru Technological University

Degree Bachelor of Technology (B.Tech.) Electronics & Communication Engg

Graduation 1989 – 1993

EXPERIENCE

Tata Consultancy Services

23 yrs 1 months

Practice Leader - Automotive & Industrials Unit - Manufacturing Business Group

Jul 2018 – Present

1 yr 2 months

Hyderabad, India

Key Result Area(KRA)s:

- * Technology Solutions, Design & Architecture Consulting
- * Technology Evangelization and Mentoring
- * Pre-Sales Advisory & Thought Leadership

* Business Growth via Innovation, Adoption and Evangeling solutions leveraging Digital Technology Platforms

Enterprise Architect & Lead-Legacy Modernization, Innovation & Transformation Group, MFG Unit

Oct 2016 – Present

2 yrs 11 mos

Hyderabad, India

Legacy Modernization Head - MFG Industry Vertical, TCS

Jun 2011 – Sep 2016

5 yrs 4 months

Hyderabad Area, India

Program Manager, Auto OEM Managed Services engagement

Apr 2008 – Jun 2011

3 yrs 3 months

Hyderabad

Manager Delivery of a complex portfolio comprising B2C and CRM applications for a Large North American Automotive Company.

Key achievements

TitleTransition Manager, Solution Development Manager - ABN AMRO BankEngagement

Oct 2005 – Mar 2008

2 yrs 6 months

Mumbai Area, India and Amsterdam, Netherlands

* Transition Planning, Application Transition & Manage Steady State Operations

* Execute multiple development and maintenance projects in multi-vendor setup (incl.

SLAs and OLAs management)

Malla Reddy College of Engineering and Technology

UGC Autonomous – Institution, NBA Accredited, Approved by AICTE, Affiliated to JNTUH

Secunderabad – 500100, Telangana, India.

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Department of Mechanical Engineering

To

Date: 23-07-2018

D. LAKSHMI NARAYANA,
Deputy Manager
Scania commercial vehicle India Pvt Ltd.

Respected Sir,

SUB: INVITATION FOR **conducting One Day Workshop on 12 MARCH 2018-Reg**

We are pleased to invite you to conduct One Day National Level Workshop on **"SMART MANUFACTURING AND TECHNOLOGY"** on 12-03-2018 at our campus for faculty of Mechanical Engineering.

Your expertise and experience in the field of work would add a great value to the faculty who require the guidance and path-breaking ideas.

We request you to confirm your acceptance. We look forward for positive response.

Thanking you sir,

Yours faithfully,

PRINCIPAL

MRCET

Malla Reddy College of Engineering and Technology

UGC Autonomous – Institution, NBA Accredited, Approved by AICTE, Affiliated to JNTUH

Secunderabad – 500100, Telangana, India.

www.mrcet.ac.in

Department of Mechanical Engineering

To
VidhyasagarUddagiri,
Enterprise Architect and Technology Practice Leader,
Automotive & Industrial Unit,
MFG Business Group TCS.

Respected Sir,

SUB: INVITATION FOR **conducting One Day Workshop on 12 MARCH 2018-Reg**

We are pleased to invite you to conductOne Day National Level Workshopon "**SMART MANUFACTURING AND TECHNOLOGY**" on 12-03-2018 at our campus for faculty ofMechanical Engineering.

Your expertise and experience in the field of work would add a great value to the faculty who require the guidance and path-breaking ideas.

We request you to confirm your acceptance. We look forward for positive response.

Thanking you sir,

Yours faithfully,

PRINCIPAL

MRCET







DEVELOPMENT PROGRAMMEE

On

Management development Skill

August 8th, 2018

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt. of India)



Venue:

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt. of India)
Maisammaguda, Medchal, Hyderabad - 500100

One Day Programme on Management development programme

8/08/2018

One Day Programme was conducted in MRCET campus for one day on 8/00/2018 at Seminar Hall. This programme was inaugurated by **Dr.VSK Reddy, Principal, MRCET**, who welcomed the participants and appreciated IT department for organizing the hands on training programme on the c & Python technologies and also appreciated Dr. G.Sharada, HOD,IT, for Organising training programme.

Dr.Murali Krishna, Dean of Academics, MRCET, has appreciated IT department for conducting such a Hands on Training Programme where students and faculty can get exposure to the current technologies. He also stated about the opportunities available on this area with some applications.

Prof. K Kailasa Rao, Director of CSE and Dean placements, addressed the students, faculty and various other college participants with his technological speech. He also elaborated his view on big data and how it is evolved.

Dr. G.Sharada, HOD, IT, formally addressed and welcomes the gathering. She gave a detail note on this One Day management development skill schedule. She also insists the participants to utilize the opportunity in gaining the knowledge on management skill.

Management or executive development is a prominent area of human resource management and was previously known as the management revolution. Management Development Programme (MDP) is a course designed to strengthen the relationship between managers at all levels (subordinate to executive management). The aim of this programme is to transform managers belonging to intermediate management level into successful leaders. This enables employees at a managerial level to gain the ability to motivate others, thereby, allowing them to effectively manage their teams.

Inducing capabilities to supervise, organise, plan, lead and motivate thereby, enhancing knowledge and skills;

Developing mutual trust, cooperation and understanding to foster teamwork;

Improving decision-making abilities with regards to customer satisfaction, relation with employees and vendors and productivity of the organisation;

Ensuring personal growth which involves increasing the tenure of managerial employees and shaping their future career by giving them the space to grow;

Developing succession plans to generate future managerial positions within the organization
Preparing new business expansion strategies;

Promoting high morale and good organizational environment to enhance productivity and profits.

Types of management development programmes

External (Off-the-job programmes) – this refers to the specialised courses based on management and executive education offered by universities. External management development programmes also includes management seminars, conferences and workshops conducted by

management associations or educational institutions. The specialised courses comprise of the following subjects:

- Marketing management
- Export management
- Financial management
- Personnel management.

At the end of the workshop the participants learnt about the management skill development. Finally on valedictory Dr.VSK Reddy, Principal, MRCET, **Dr.Murali Krishna, Dean of Academics, MRCET, Prof. K Kailasa Rao, Director of CSE and Dean placements, Dr. G.Sharada, HOD, IT** distributed certificates to all the participants and at the end **Dr. G.Sharada, HOD, IT** thank our principal and all the coordinators who made this Management development Skill Programme on grand success.





A NATIONAL LEVEL SEMINAR

On

Entrepreneurial Process

February 8th, 2019

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt.of India)



Venue:

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt.of India)
Maisammaguda, Medchal, Hyderabad - 500100

One Day Entrepreneurial Process

8/02/2019

One Day Programme Entrepreneurial Process was conducted in MRCET campus for one day on 8/02/2019 at Seminar Hall. This programme was inaugurated by **Dr.VSK Reddy, Principal, MRCET**, who welcomed the participants and appreciated IT department for organizing the hands on training programme on the entrepreneurial process and also appreciated Dr. G.Sharada, HOD,IT, for Organising programme.

Dr.Murali Krishna, Dean of Academics, MRCET, has appreciated IT department for conducting such a Hands on Training Programme where students and faculty can get exposure to the current technologies. He also stated about the opportunities available on this area with some applications.

Prof. K Kailasa Rao, Director of CSE and Dean placements, addressed the students, faculty and various other college participants with his technological speech. He also elaborated his view on entrepreneurial evolved.

There is considerable predominance in the adoption of perspectives based on characteristics in research into entrepreneurship. However, most studies describe the entrepreneur from a static or snapshot approach; very few adopt a dynamic perspective. The aim of this study is to contribute to the enhancement of knowledge concerning entrepreneurial process dynamics through an understanding of the values, characteristics and actions of the entrepreneur over time. By focusing on personal attributes, we have developed a framework that shows the importance of affective and cognitive aspects of entrepreneurs and the way that they evolve during the development of their business.

Dr. G.Sharada, HOD, IT, formally addressed and welcomes the gathering. She gave a detail note on this One Day entrepreneurial process schedule. She also insists the participants to utilize the opportunity in gaining the knowledge on entrepreneurial process.

At the end of the seminar the participants learnt about the Entrepreneurial Process development. Finally on valedictory Dr.VSK Reddy, Principal, MRCET, **Dr.Murali Krishna, Dean of Academics, MRCET, Prof. K Kailasa Rao, Director of CSE and Dean placements, Dr. G.Sharada, HOD, IT** distributed certificates to all the participants and at the end **Dr. G.Sharada, HOD, IT** thank our principal and all the coordinators who made this Entrepreneurial Process Programme on grand success.





AWARENESS PROGRAMMEE

On

Intellectual property rights in the global markets

February 9th, 2019

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt.of India)



Venue:

Malla Reddy College of Engineering & Technology (MRCET CAMPUS)
(Autonomous Institutions- UGC, Govt.of India)
Maisammaguda, Medchal, Hyderabad - 500100

One Day Intellectual property rights in the global markets

09/2/2019

One Day Intellectual property rights in the global markets was conducted in MRCET campus for one day on 9/02/2019 at Seminar Hall. This programme was inaugurated by **Dr.VSK Reddy, Principal, MRCET**, who welcomed the participants and appreciated IT department for organizing the One Day Intellectual property rights in the global markets and also appreciated Dr. G.Sharada, HOD,IT, for Organising programme.

Dr.Murali Krishna, Dean of Academics, MRCET, has appreciated IT department for conducting such a Hands on Training Programme where students and faculty can get exposure to the current technologies. He also stated about the opportunities available on this area with some applications.

Prof. K Kailasa Rao, Director of CSE and Dean placements, addressed the students, faculty and various other college participants with his technological speech. He also elaborated his view on ipr how it is evolved.

Intellectual property (IP) refers to creations of the mind, such as inventions; literary and artistic works; designs; and symbols, names and images used in commerce.

IP is protected in law by, for example, patents, copyright and trademarks, which enable people to earn recognition or financial benefit from what they invent or create. By striking the right balance between the interests of innovators and the wider public interest, the IP system aims to foster an environment in which creativity and innovation can flourish.

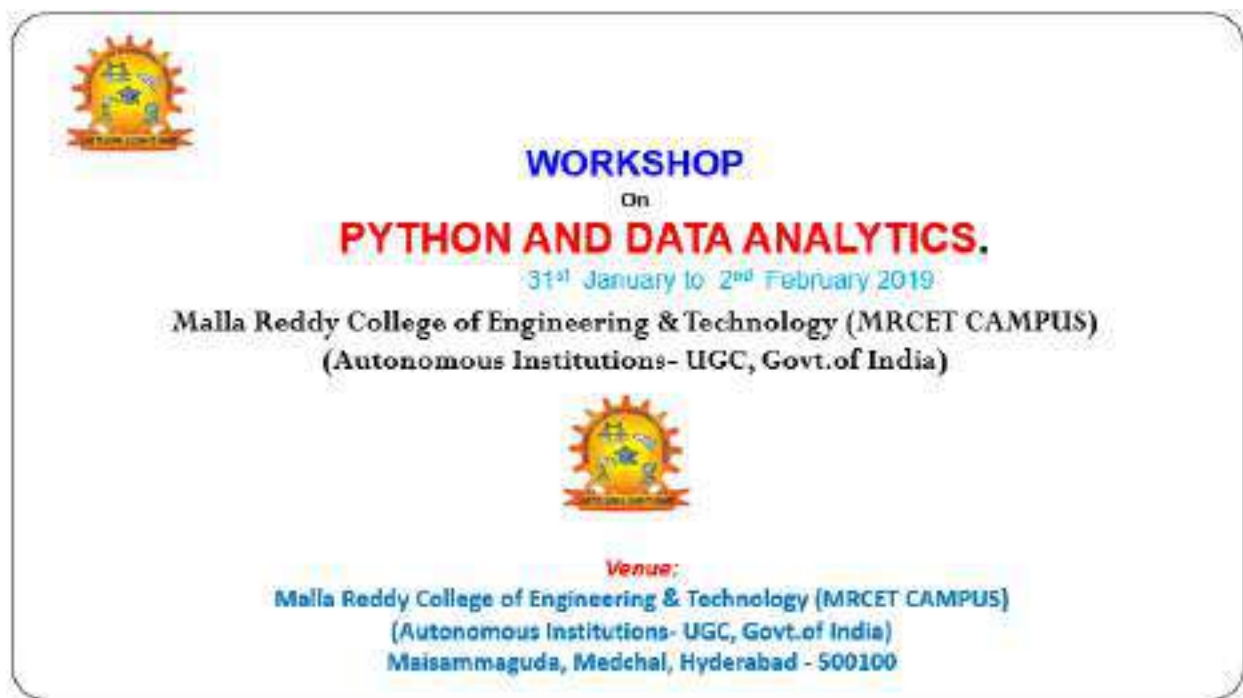
Copyright

Copyright is a legal term used to describe the rights that creators have over their literary and artistic works. Works covered by copyright range from books, music, paintings, sculpture and films, to computer programs, databases, advertisements, maps and technical drawings

Dr. G.Sharada, HOD, IT, formally addressed and welcomes the gathering. She gave a detail note on this One Day Intellectual property rights in the global markets 1 schedule. She also insists the participants to utilize the opportunity in gaining the knowledge on ipr.

At the end of the workshop the participants learnt about the management skill development Finally on valedictory Dr.VSK Reddy, Principal, MRCET, **Dr.Murali Krishna, Dean of Academics, MRCET, Prof. K Kailasa Rao, Director of CSE and Dean placements, Dr. G.Sharada, HOD, IT**distributed certificates to all the participants and at the end**Dr. G.Sharada, HOD, IT** thank our principal and all the coordinators who made this ipr Programmee on grand success.





A REPORT OF THREE DAYS WORKSHOP ON PYTHON AND DATA ANALYTICS.

This was the three days workshop on **python and data analytics** organized by department of **INFORMATION TECHNOLOGY** at MALLAREDDY COLLEGE OF ENGINEERING & TECHNOLOGY on **31st January ,1st and 2nd February 2019** for all the b.tech 2-2 students 2018-2019 batch.

To explore the power and simplicity of python & data science. This workshop was appreciated by all the students as they were able to add another programming language in their technical skill set. The trainer Mr. Vaibhav Jaiswal is the team member of organization,has given the mix of theory and practical knowledge of python & data analytics.

DR. VSK REDDY, principal, MRCET inaugurated the workshop , also motivated the students with his speech and explained that these kind of workshops are beneficial for their upcoming placements and technical knowledge.



Dr. VSK REDDY, motivating the students



DAY 1: 31st January

Introduction to python and students were taught that python is simple programming language compared to other programming languages, and the following topics were covered.

1. What is python?
2. Applications of python (web applications, web frameworks, GUI based desktop applications etc.)
3. Data types in python with programs.
4. Loops & conditions in python with programs.



Students executing the programs

DAY 2: 1st February 2019

Exception Handling, Multiple Exception Handling, information about Data Science in real life and how python is useful, Sample video based on Data Science which is

performed by Vaibhav sir.

Following topics were covered:

1. String manipulation.
2. Lists in python with program.
3. Tuples .
4. Dictionaries in python with program.
5. Sets in python.
6. Range, Functions, Variables in python.
7. Modules in python.
8. Introduction to data analytics.
9. Applications of data analytics.
- 10.Connectivity of machine learning & artificial intelligence with data science.
- 11.Use of data science in real time applications.
- 12.M-2 and P&S are the base subjects to understand Data science.

13. Writing own programs on whether he/she is eligible for voting or not & program for calculator which does subtraction, multiplication, addition and operations etc.
14. Showed a video of the dart project which was done by Mr. Vaibhav and team and explained the project.



Students working on programs under guidance of Mr. Vaibhav Jaiswal

DAY 3: 2nd February 2019

1. Explained how system identifies apple & orange based on texture, shape and weight.
2. Explained the mechanism how the Artificial Intelligence is trained by programs.

3. Explained the importance of AI and told Microsoft has created an AI which itself creates another AI.

4. Exception handling in python with programs.

5. Numpy, Matplotlib, Classifier, Scikit learn.

6. GUI programming in python

- PYQT
- PYGTK
- PYGAME
- TKINTER
- WXPYTHON

7. GUI programs on:

- Configuring widgets.
 - Buttons.
 - Multiple widget.
- Controlling widget appearance.
 - Use of pack.
 - Grid method.
 - Text box input.

- Display image.

8. Lastly a task was given to students to make a login verification system using GUI program.



Mr. Vaibhav Jaiswal explaining the students

Also the CEO of organization told the importance of basics in python and also shared his technical knowledge.

Mr. Dr.Gowri Ganesh ,professor, Mr. Prabhat and Miss. Manisha , students of the department gave the vote of thanks to team on behalf of all the students.

At the end of workshop students were happy knowing that they were now able to program with a new & simple programming language Python.







THANKS



Report On Microsoft Certification

Program for III-II B.Tech Students

Date :28/01/19 to 02/02/19

Instructor Name: Mr.Srijong

This program initiated for Information Technology Students by Dr.VSK Reddy sir, Principal of MRCET .He has always

encouraged students to achieve higher goals. The main Aim of this program was to make students learn courses which are trending and to help them learn courses which are not there in their Curriculum . HOD of Information Technology Dr.Sharada mam was main coordinator for this program for Information Technology department.Faculty coordinators Novy Jacob mam and P.Srinivas sir were present through out the session

Day 1 :

On Day 1 of the training students have been trained on Python basics. Topics of Python like Syntax of the program , Functions, Strings , Arrays and Operators were clearly explained and practically implemented by example programs.Students have been given tasks of solving few questions to brush up their programming skills.Students understood how Python Idle works.



Day 2 :

On Day 2 students were asked to install Anaconda software on their systems to understand the implementations of Machine Learning through Python. Students have understood about Simple Linear Regression some special Data sets(SALARY).



Day 3 :

On Day 3 students have implemented Data Sets on Anaconda. They have learnt about Multi Linear Regression.They have implemented Position_Salaries Data set.



Day 4 :

On Day 4 Students have learnt about Polynomial Regression and about how the Data sets in Graph learn to adapt and do self learning.They have also implemented SVR using SVM.Quiz was conducted based on the covered portion.Students were posed questions about Python and Machine Learning.They have implemented Decision Tree , Random Tree and Classification.



Day 5 :

On Day 5 Students have learnt about Confusion Matrix ,K-nearest neighbors . They have been given notes about Naive Bayes and Random Forest.



Day 6 :

On Day 6 Students were given tasks to test what they have learnt .They were given 3 Python problem statements to solve . Later they were asked to write test on seven Topics.In the second half of the day they were shown few videos related to Machine Learning.The students have given vote of thanks at the end.



THANKS