Workshops / Seminars Conducted During Academic Year 2018-2019					
Serial Number	Year	Name of the workshop/ seminar	Date From – To	Departmen	
1	2019	Industry Institution Interaction Meet, by MS. VIDYA NAMBIRAJAN CEO, Paramount Auto Bay Services.	05-02-19	Mech	
2	2019	Industry Institution Interaction Meet by Dr. P. SRINIVASA RAO Global Head- Technical Training Cyient Limited	05-02-19	Mech	
3	2019	Industry Institution Interaction Meet by MR. P. PRAVEEN Project Manager, Satyam Ventures (Tech- Mahindra)	05-02-19	Mech	
4	2019	Industry Institution Interaction Meet by Mr. J S RAO Director, Vajra Automation Pvt Ltd.	05-02-19	Mech	
5	2019	Industry Institution Interaction by Mr. PRADEEP, Director, Ram-Tech Industries	05-02-19	Mech	
6	2019	Role of Science in Technology Development, by Dr. Puli Ravi Kumar, Member Secretary- Telangana State Council of Science & Technology, Govt. of Telangana	28-02-19	Mech	
7	2019	Role of Science in Technology Development, by Dr. Bulusu Venkata Sarada, Scientist E, Center for Solar Energy Materials, Balapur	28-02-2019	Mech	
8	2019	Role of Science in Technology Development, by Dr. K. Sadhana, Asst. Prof, Dept. of Physics, P.G. College of Science, Osmania University, Hyd.	28-02-2019	Mech	
9	2019	Role of Science in Technology Development, by Dr. M. Lakshmipathi Rao, Director, MCET	28-02-2019	Mech	
10	2019	Seminar on Automobile Engineering. By Ms. Vidya Nambirajan, Managing Director, Paramount Auto Bay Services Road No.4, Mathura Nagar, Sainikpuri Post, Secunderabad – 500094	05-03-19	Mech	
11	2018	Seminar on CAD/CAM & CAE Job Opportunities, by Mr. Bharath, cheif specialist, Satyam Venrures	13-07-2018	Mech	
12	2018	Lecture on Enterpreneurship, by Dr. C. Venkata Ramana Reddy	20-07-2018	mech	
13	2018	Seminor on Electric Vehicle Engineering, by Mr. Kapil Mehra, technical representative form Imperial Society of Innovative Engineers, Noida U.P.	27-08-18	Mech	
14	2018	Lecture on modeling on welding, By by Prof. Abhay Sharma	26-10-2018	Mech	
15	2018	Lecture on use of Taguchi techniques and modeling of Friction stir welding process, By Dr. A. Kumar, Prof. NIT Warangal	26-10-2018	Mech	
16	2018	Lecture on Modeling of Super Plastic Forming, by Dr. A. Krishnaiah, Prof & Vice Principal, UCE, OU.	27-10-2018	Mech	
17	2018	Modeling of Temperature Distribution in Metal Cutting, by Dr. M. Suresh Kumar Reddy, Prof. BITS, Hyderabad	27-10-2018	Mech	
18	2018	Innovative Idea on the Projects & Programs on DRDO, by Dr. Raja Singh, Project Director, PJ-10 DRDL	27-10-2018	Mech	
19	2016	Advanced Applications of Finite Element Techniques. By Dr. P.Ramesh Babu Profes	02-01-2019 to 07-01-2016	Mech	
20	2016	Projections of planes and solids with Auto-Cad. By Dr. K. Saraswathamma, Asst. Prof. M.E. Dept. Osmania University	29-07-19	Mech	
21	2019	Seminar on Industry insights & career planning by Mr. suhas kaul, Co-Founder, Mentor Mind Hyd	23.03.2019	MBA	
22	2019	Seminar on Digital Marketing by Mr.Roshan Krishna & Mr. Piyush	06.02.2019	MBA	
23	2019	Seminar on Industry Institution collaboration	05.02.2019	MBA	
24	2018	Workshop on "Machine Learning with Python" in association with CLOUDINDOJO	8th – 10th August 2018.	CSE	
25	2019	Building Information Modelling Using Autodesk Revit	17-06-2019 TO 21-06-2019	CIVIL	
26	2018	Technical seminar on improving Aesthetics of cities with architectural concrete	08-10-18	CIVIL	

28

N Methodist College of Engg. & Tech. Abids, Hyderabad-01:

#### Report on

## INDUSTRY INSTITUTION INTERACTION MEET (IIIM)

#### by

## MS. VIDYA NAMBIRAJAN

CEO, Paramount Auto Bay Services.

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and localized industry-institute-interaction development roadmap for the institutions.

The industry interaction for envisioned institutional roadmap will be facilitated by IndustryInstitute Partner Promotion Cell (IIPPC) established at SPFU of the respective States.

Suggested Activities under IIIM :

□ To identify and facilitate Guest Lectures, Interactive Workshops, Conferences, Seminars,

Brain Storming Sessions, Technical Discussions etc. with members of the Industry, outside

experts, eminent personalities at regular interval.

□ To conduct Industrial Training, Orientation Courses, Industrial Visits etc for faculty and

students at regular intervals.

 $\hfill\square$  To facilitate joint research work, consultancy involving faculty and students.

 $\hfill\square$  To conduct industrial exhibitions to highlight research facilities and expertise available with

the Institution.

 $\hfill\square$  To facilitate for professionals from industry as visiting faculty in institutions and short or

long periods deployment of faculty from institutions to industry for gaining industrial

experience and/or work on projects in industry.

 $\hfill\square$  To seek and associate experts from industry in curriculum development and review.

□ To identify continuing education opportunities, short-term programmes and training needs

of the industry, which the institution can provide.

□ To promote revenue generating activities for the institution like Lab Testing, Calibration,

Consultancy and R&D etc.

 $\square$  To assess periodically the scientific and technological scenario/ happenings in India and

abroad in order to translate it into action for taking up future R&D work.

Deliverables :

IIIC will be responsible for the following deliverables:

- $\hfill\square$  Increase in collaboration with industry
- $\hfill\square$  Increased rate of campus placement of students
- $\hfill\square$  Absorption of students by same industries providing industrial training
- $\hfill\square$  Increase in IRG by collaborating with industry
- □ Increase in industrial training for students arranged by college
- □ Increase in utilization of college resources by industry





# Methodist College of Engineering & Technology

(Affiliated to Osmania University - College Code 1607)

METHODIST

Date: 10.01.2018

То

Dr. Srinivasa Rao, Global Head-Technical Training, Cyient Limited.

Dear Sir,

Subject: Request your consent to participate in one day Industry–Institution– Interaction Meet on 05.02.2018–Reg.

\*\*\*\*\*

We are pleased to introduce ourselves that Methodist College of Engineering and Technology is established in the year 2008, situated in Abids, the heart of the Hyderabad city to promote engineering education to both urban and rural students. The college is offering under graduate engineering courses (Civil-120; CSE -120; ECE -120; EEE-60 ME-120) with a total intake of 540 and post graduate course M.E. (CAD / CAM) with an intake of 18 apart from MBA with an intake of 60. The institution is approved by AICTE, New Delhi and affiliated to Osmania University.

With the advent of globalization and opening up of Indian economy to outside world, competition among industries has become stiff. Availability of skilled personnel has become a challenge to the industry. To solve their engineering problems they look up now to engineering institutions.

Similarly, though the Institutes are imparting the basic knowledge and skill, the student community is not in a position to get employable as per the industry requirement. Hence there is an urgent need to prepare engineering students to take up jobs in various industrial sectors, by exposing them to newer technologies and engineering methodologies.

Contd..02

King Koti Road, Abids, Hyderabad - 500 001. T.S., India. Ph : 040-24753445, 24755999 www.methodist.edu.in

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These objectives can only be achieved well by bridging the gap between industry and the academic institutions. In this regard, the government of India is striving hard to enhance the knowledge and skill of the Indian youth through various programs like National Skill development centers. However availability of well equipped manpower with employability skills has become a challenge.

In view of this, the Department of Mechanical Engineering, Methodist College of Engineering & Technology is coming up with a proposal to have one day interaction program between the mechanical engineering students, faculty and industry experts to discuss on the above challenges. The students from other institutions may also be encouraged to participate in the program which includes panel discussions and expert interaction sessions from eminent industry persons. The meet is planned to organize on 05.02.2018.

In this regard, I take privilege in inviting you to participate in the meet (panel discussions / expert interactive sessions) and help us in the development of employable skills in students.

Thanking You Sir,



Principal / Director Methodist College of Engg. & TechDIRECTOR Abids, Hyderabad-01. Methodist College of Engineering & Technology

Hyderabad

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## on INDUSTRY INSTITUTION INTERACTION MEET (IIIM) by MR. P. PRAVEEN Project Manager,Satyam Ventures (Tech- Mahindra)

Objective :

To explore and identify common avenues of interaction with industry as per the requirements of the institution.

Scope :

All the institutions covered under the Project will form Industry-Institution-Interaction meet (IIIM) to establish purposeful interaction between industry and institution.

Strategy :

IIIM will be responsible for designing the roadmap for interaction with industry recognizing

the inherent strengths as well as the weaknesses of the institution. Thus it will be a unique

and localized industry-institute-interaction development roadmap for the institutions.

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□ Increase in industrial training for students arranged by college

□ Increase in utilization of college resources by industry





## on INDUSTRY INSTITUTION INTERACTION MEET (IIIM) by Mr. J S RAO Director,Vaira Automation Pvt Ltd.

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## Role of Science in Technology Development, by Dr. Puli Ravi Kumar,

Member Secretary- Telangana State Council of Science & Technology, Govt. of Telangana

Developments in science and technology are fundamentally altering the way people live, connect, communicate and transact, with profound effects on economic development. To promote tech advance, developing countries should invest in quality education for youth, and continuous skills training for workers and managers.

Science and technology are key drivers to development, because technological and scientific revolutions underpin economic advances, improvements in health systems, education and infrastructure.

The technological revolutions of the 21st century are emerging from entirely new sectors, based on micro-processors, tele-communications, bio-technology and nano-technology. Products are transforming business practices across the economy, as well as the lives of all who have access to their effects. The most remarkable breakthroughs will come from the interaction of insights and applications arising when these technologies converge.

Through breakthroughs in health services and education, these technologies have the power to better the lives of poor people in developing countries. Eradicating malaria, a scourge of the African continent for centuries, is now possible. Cures for other diseases which are endemic in developing countries are also now possible, allowing people with debilitating conditions to live healthy and productive lives.

Access and application are critical. Service and technology are the differentiators between countries that are able to tackle poverty effectively by growing and developing their economies, and those that are not. The extent to which developing economies emerge as economic powerhouses depends on their ability to grasp and apply insights from science and technology and use them creatively. Innovation is the primary driver of technological growth and drives higher living standards.

As an engine of growth, the potential of technology is endless, and still largely untapped in Africa and other developing world regions across the globe. Less developed countries not only lack skilled labour and capital, but also use these less efficiently. Inputs account for less than half of the differences in per capita income across nations. The rest is due to the inability to adopt and adapt technologies to raise productivity.





# Role of Science in Technology Development, by Dr. Bulusu Venkata Sarada,

## Scientist E, Center for Solar Energy Materials, Balapur,

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## Role of Science in Technology Development, by

## Dr. K. Sadhana,

Asst. Prof, Dept. of Physics, P.G. College of Science, Osmania University, Hyd.

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## on

## INDUSTRY INSTITUTION INTERACTION MEET (IIIM) by

Dr. M. Lakshmipathi Rao, Director, MCET

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Report of Lecture By Ms. Vidya Nambirajan, Managing Director, Paramount Auto Bay Services Road No.4, Mathura Nagar, Sainikpuri Post, Secunderabad – 500094 on One Day National Workshop on Automobile Engineering

## Held on

05, March 2019

Organised by Department of Mechanical Engineering

Methodist College of Engineering and Technology in Association with Paramount Auto Bay Services Road No.4, Mathura Nagar, Sainikpuri Post, Secunderabad -500094 Web: <u>www.pabs.in</u> 60 students were registered and participated for the workshop. Ms. Vidya Nambirajan, Paramount Auto Bay Services gave the informative and motivational presentation to the participant become a proficient automobile engineer, specialized training is essential and it is a profession, which requires a lot of hard work, dedication, determination and commitment. Some of the career prospects in the field of automobile engineering are,

Automobile Engineering Technicians, Safety Engineering, Emissions Research, NVH (Noise, Vibration and Harshness) Engineers, Performance Engineer, Vehicle Dynamics Controller, Operations Research, Designing.

They were also exposed to Automobile servicing industry and gain hands on experience in overhauling vehicle.

The workshop was Coordinated by Md. Fakhruddin H.N., Associate Professor. Convened by Dr. A Rajasekhar, Head-M.E. With the Patronage of Prof. M. Lakshmipathi Rao, Director and Prof. G. Ravinder Reddy, Principal under the Chief Patronage Sri K. Krishna Rao, Secretary.



Lecture Session at Paramount Auto Service Bay





## Report On 5-Day Workshop on Autodesk REVIT

## Organized By Department Of Civil Engineering (17-06-2019 to 21-06-2019)

Department of Civil Engineering Methodist College of engineering & technology conducted faculty development program on "Building Information Modeling Using Autodesk Revit" by ICT Academy. It was a five day workshop from 17th June to 21st June-2019. It was conducted at Block C, Third Floor, CAD Lab, Methodist College of Engineering & Technology. Along the faculty members of the civil engineering departments as well as faculty from other colleges attended this work shop.

The primary objective of this course was to teach students the concepts of Building Information Modeling and introduce the tools for parametric building design and documentation using Revit Architecture. Upon successful completion of the course, participants were able to understand the stages of the Building Information Modeling concepts, described the benefits of Building Information Modeling. They understood the tools required to achieve BIM concepts. Participants learnt functionalities of the building life cycle and were able to create building information solutions.

The workshop was coordinated by Mohd. Shahed Ali, Asst.professor, convened by Dr.Akshay Naidu, Head-CED with the patronage of Dr. Lakshmipati Rao, Director and Prof. G.Ravinder Reddy, Principal under the chief patronage Sri K.Krishna Rao, Secretary.

Coordinator

Convener







FACULTY DEVELOPMENT PROGRAM ON

Building Information Modelling Using Autodesk Revit

ICT ACADEMY.

Registration Link http://ts.ictacademy.in/upcoming-Fdp.aspx



Shaista Begum <ershaistaw@gmail.com>

# ICT Academy - FDP - Autodesk Revit Architecture at Methodist College of Engineering and Technology, Abids on 17th to 21st Jun 2019.

1 message

Gopal B <gopal@ictacademy.in>

Sat, Jun 15, 2019 at 11:55 AM

Respected Sir/Madam,

Greetings from ICT Academy!!!

We thank for your nomination to attend 5 Days Faculty development program on Autodesk Revit Architecture at Methodist College of Engineering and Technology, Abids.

Program Date: 17.06.2019 to 21.06.2019 - 9.30 am to 4.00 pm.

Venue: CADD Lab, 2<sup>nd</sup> Floor, Block –C.

Contact Person: ICT Academy - : B.Gopal : 9849101064 Methodist College of Engineering and Technology - : Mr.Imran: 9618616296

#### Note: Kindly make use your own transportation being college is in Center of City(Abids).

Please revert for further clarifications.

#### Warm Regards,

B.Gopal. Relationship Manager - Telengana,

ICT ACADEMY | An Initiative of Government of India, State Govt and Industry,

Registered Office - B - 308 & 309, Som Datt Chamber - 1,

Bhikaji Cama Place, New Delhi – 110066

|Mobile: 9849101064| www.ictacademy.in|

www.ts.ictacademy.in

**Regional Office:** 

|No 48/3, Narmada Complex | Naganathapura|

|Hosa Road | Bangalore 560 100|



## Methodist College of Engineering and Technology Abids, Hyderabad Research and Development Cell A.Y 2018-19

Seminar on Industry insights & career planning by Mr. suhas kaul, Co-Founder,

Mentor Mind Hyd Date: 23.03.2019

## Venue: Methodist college of Engineering and technology C-Block

**Summary report** 

The mentoring session was held in the 'C' Block, the session started at 12:30pm. The spokesperson was Mr.Suhas Kaul, Co-founder of Mentor Mind assisted by Mr. Francis. All the students from MBA attended the session.

In the mentoring session Mr.Suhas spoke about how young college students need mentoring and how important it is for the students to be experienced and have domain expertise as it is the most sought after trait in the companies. The session also included challenges and interactive sessions where students were to answer tricky questions and interact in the activities and put forth their views and experiences.

Mentor mind is an Online platform where students can register themselves for Rs. 1000/- and take up projects (menternships) which include various tasks. Upon the completion of the project the student will be rewarded with a certificate by Mentor Mind and the respective company. This certificate will be of great value while applying for internships and placements as it approves of the student's experience and subject knowledge.



Coordinator sign



## Methodist College of Engineering and Technology Abids, Hyderabad Research and Development Cell A.Y 2018-19

## Seminar on Digital Marketing Date: 06.02.2019

## Venue: Methodist college of Engineering and technology

## **Summary report**

One-Day Students programme on "*Digital Marketing*" was organized by Department of MBA, Methodist college of engineering & Technology. **Mrs. Rani Rajan madam**, HOD of MBA welcomed the participants and Resource Persons. **Mr. Roshan Krishna & Mr.Piyush** from Wing X Agency, currently working in the Digital Marketing department.

The Seminar was conducted for 2 hours:

The first session was held by **Mr.Roshan** in which he covered the introduction of Digital Marketing domain and the necessity of digital marketing in current competitive world. He spoke about the concept of Marketing and Marketing of products and services using digital technologies. He also spoke about various types of Digital Marketing techniques which are currently being used by the industry to sell various types of products and services. Digital Marketing can be on-line and off-line and various methods of both the types were covered. The session was concluded with Q&A session.

The Second session was conducted by **Mr. Piyush** about Analytics which is being used to maximize sales. Analytics is used to find out the potential consumers and to find out where marketing is successful and where it is failure and what are the reasons for it. He covered all the fundamentals of analytics which is very necessary to enter into the Digital Marketing world. The session was concluded with Q&A session.

In the valedictory session the Resource Persons were felicitated and two students gave their feedback about the seminar.



Coordinator sign



## Methodist College of Engineering and Technology Abids, Hyderabad Research and Development Cell A.Y 2018-19

## Seminar on Industry Institution collaboration Date: 05.02.2019

## Venue: Methodist college of Engineering and technology :D-Block Seminar Hall

## **Summary report**

With the advent of globalization and opening up of Indian economy to outside world, competition among industries has become stiff. To solve their engineering problems they look up now to engineering institutions. Similarly, there is an urgent need to prepare engineering students for jobs in multinational companies, by exposing them to newer technologies and engineering methodologies.

These objectives can only be achieved well by bridging the gap between industry and the academic institutions. Better interaction between technical institutions and industry is the need of the hour. This will have great bearing on the engineering curriculum, exposure of engineering students to industrial atmosphere and subsequent placement of young graduating engineers in industries across the country. Industries and institutes have been collaborating for over a century, but the rise of a global knowledge economy has intensified the need for strategic partnerships. The Institutes are imparting the basic knowledge and skill, but the Industry-Institute Interaction will enable to undertake research by staff and students relevant to the industry.



# Seminar

on

"CAD/CAM & CAE Job Opportunities"

Bу

Mr. Bharath,

cheif specialist, Satyam Venrures

on

|3-07-20|8

at

Block - C, R-211

Organized by

Department of Mechanical Engineering



Methodist College of Engineering & Technology King Koti Road, Abids, Hyderabad - 50000 I Approved by AICTE, New Delhi Affiliated to Osmania University, Hyderabad







A report on Guest lecture on **Entrepreneurship** By Dr. C. Venkata Ramana Reddy on 20-07-2018, held at, C- Block Organized by

Department of Mechanical Engineering Methodist College of Engineering & Technology King Koti Road, Abids, Hyderabad - 500001 Approved by AICTE, New Delhi Affiliated to Osmania University, Hyderabad

Dr. C. Venkata Ramana Reddy, renowned motivational speaker, has delivered an inspirational lecture on "Entrepreneurship on 20-07-2018. He introduced the different aspects of entrepreneurship and emphasized that zeal and great idea are the only ingredients in a recipe for business start-up. He mentioned that the reason that people do not start their new ventures in a country like India is due to nonawareness amongst the population of India and decides to go for jobs in private or government sectors so as to minimize the risk. Therefore, he emphasised to raise the basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mind-set to take up entrepreneurship as a challenging career. He also inspired the students to value the presence of parents as well gurus in their lives. He focused on spirituality and religious approaches in life. He explained in detail about the various attributes of successful entrepreneurs such as drive, communication skills and technical skills. He also highlighted PayTM owner Mr. Vijay Shekhar Sharma's journey towards becoming a successful entrepreneur. The lecture motivated the students to work hard and start a new venture through adequate forward planning and the execution of the plans. The session also included motivational videos which boosted up the students.

A total of 45 students of final year mechanical students attended with three faculty members Mr. R.V. Prasad, Mr. Kamal Kumar Ojah and Dr. A Rajasekhar. The response of the students was satisfactory.







# Seminar

# On

# "Electric Vehicle Engineering"

on 27- 08-2018

at Seminar Hall Block - D,

Organized by

Department of Mechanical Engineering



Methodist College of Engineering & Technology

resource person is

Mr. Kapil Mehra,

technical representative form

Imperial Society of Innovative Engineers (ISIE)



Contact number is 9971625088







Methodist College of Engineering & Technology King Koti Road, Abids,Hyderabad - 50000 I Approved by AICTE, New Delhi Affiliated to Osmania University, Hyderabad A 2-day workshop on Applications of Mathematical Modeling in Manufacturing" Organized by Department of Mechanical Engineering

## Activity Report

The workshop was inaugurated at 10:00AM, on 26.10.2018 by Dr. Puli Ravi Kumar, Member Secretary, Telangana State Council of Science & Technology (TSCOST) who was the Chief Guest of the inaugural session. In his address, Dr. Puli Ravi Kumar stressed the importance of innovations in technology. He advised the students to come up with new ideas /technologies which will be helpful to rural India. He has informed the initiatives of TSCOST in support of research and innovations.

Prof. Laxmipathi Rao, Director, MCET. Prof. S. Venkateshwar, Dean, MCET. Prof. A. Raja Sekhar, HOD, ME, MCET. Prof. Abhay Sharma, Guest of Honor, Assoc. Prof. IIT, Hyderabadand, Prof. Shailesh, Methodist College of Engg. & Tech., delegates from various engineering colleges, students and press were present in the workshop.

First Session was started at 11:30 on 26th Oct 2018AM and lecture was delivered by

## Prof. Abhay Sharma

on modeling on welding. Second session's lecture was delivered by Dr. A. Kumar, Prof. NIT Warangal

## On

use of Taguchi techniques and modeling of Friction stir welding process.

The second day i.e. on 27th Oct 2018, the third session was led by

## Dr. A. Krishnaiah, Prof & Vice Principal, UCE, OU.

On

"Modeling of Super Plastic Forming".

Fourth session's lecture was delivered by

## Dr. M. Suresh Kumar Reddy, Prof. BITS, Hyderabad

On

"Modeling of Temperature Distribution in Metal Cutting.

Fifth Session's lecture was delivered by

Dr. Raja Singh, Project Director, PJ-10 DRDL

On

"Innovative Idea on the Projects & Programs on DRDO" that will be supported for research front.

Valedictory session was started at 4:15PM on 27<sup>th</sup> Oct 2018. Guest of Honor, Dr. Raja Singh and other dignitaries were present for the session. The participation certificates were presented by the chief guest to the participants. Finally, the program ended with vote of thanks from the organizers. Media coverage, press photo graph clippings are attached in the annexure.



## Photo Gallery of Prof. Abhay Sharma



Chief Patron: Shri K. Krishna Rao, Correspondent Patron: Dr. M. Lakshmipathi Rao, Director Dr. Ravinder G. Reddy, Principal	Registration Procedure:Interested persons need to confirm theirparticipation by sending duly filled registration form bye-mail to hod.mech@methodist.edu.inRegistration Fee:	METHODIST
Organising Chair:	PG students & Ph.D Scholars & Faculty: Rs. 600/-	EMGINEERING & TECHNOLOGY O.U.
Dr. S. Venkateshwar, Dean	Participants can register by sending the registration	
Dr. P. Rajendraprasad Reddy, Vice Principal	form along with cash on or before 22 <sup>nd</sup> October, 2018 to	A 2 - DAY WORKSHOP
Coordinators:	the Workshop coordinator.	on
Dr. Adula Rajasekhar, Professor & HOD Mechanical	Eligibility:	Applications of Mathematical
Dr. P Shailesh, Professor Mechanical Engineering	Faculty members of Mechanical Engineering /	Applications of Mathematical
Organising Committee:	Researchers / PG Students.	Modeling in Manufacturing
Dr. U S Vara Prasad, Professor		26 - 27. October 2018
Mr. Fakhruddin, Assoc Professor	Registration Form:	
Dr. Ravichander, Asst Professor	Name: Dr./Mr./Mrs.	Catalysed & Supported by
Mr. R V Prasad, Asst Professor		National Council for Science & Tech. Communication,
Mr. Y M Maheshwar Reddy, Asst Professor		Department of Science & Technology, Govi. of India and
Mr. Srinivas Raghavan, Asst Professor		Telangana State Council for Science & Tech. (TSCOST)
Mr. Matham Prasad, Asst Professor	Affiliation:	Dept. of EFS&T, Govt. of Telangana
Mr. Prabhakar, Asst Professor	Designation:	
Mrs. Swetha, Asst Professor	Address:	
Ms. Pravalika, Asst Professor		
Mr. Srikanth Rangdal, Asst Professor		TIARITAT NCSTC
Mrs. Sowjanya, Asst Professor		Govt. of India   Govt. of Telangana   NCSTC
Mr. Durgesh, Asst Professor		Telangana State Council of Science & Technology
Mr. Kamal Ojha, Asst Professor		Organized as part of DECENNIAL CELEBRATIONS:
Mr. Shobab, Asst Professor	Telephone / Mobile No:	by
Mr. Asadullah, Asst Professor	E-Mail:	Department of
Mr. Guru Vishnu, Asst Professor		MECHANICAL ENGINEERING
Speakers / Resource Persons: Eminent Personalities from	Signature: Date:	METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY
IITs, NITs, BITs & Universities.		Affiliated to Osmania University, Hyderabad - INDIA

#### About College

Methodist College of Engineering & Technology (MCET) is a Non-Minority Educational institution, established in the year 2008, over 6.53 acre sprawling campus, situated at Abids, in the heart of the city of pearls - Hyderabad (Capital city of Telangana state).

The college is well connected by public transport system from every corner of the city. It is affiliated to Osmania University at the state level & with AICTE in the Central level. Methodist College of Engg. & Tech. strives towards excellence by imparting essential technical skills as well as a holistic approach towards grooming the students into responsible, worthy citizens of the future.

Life at MCET is not just limited to the classroom-teaching, but spins beyond the textbooks to develop character & thus mould the personality of the students to carve a niche for themselves in the society.

The ultimate goal of the MCET is to educate & graduate individuals who possess the technical & social competence & confidence to succeed in professional practice, to be lifelong learners, & to exercise responsible citizenship.

#### About the Department

The Department of Mechanical Engineering was established in the academic year 2009-2010. Currently the department offers one under graduate program, B.E in Mechanical Engineering, with an intake of 120 & one Post Graduate Program, M.E with specialization in CAD/CAM with an intake of 18 seats.

The department has a team of 25 highly qualified; motivated & experienced faculty with 4 doctorates (PhD) & rest all are with M.E./M.Tech qualification in various areas of specializations.

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The Department is recognized as "RESEARCH CENTRE" by the Osmania University.

#### About the program:

The applications of mathematics & computing techniques play a vital role in addressing the most challenging industrial problems. Mathematical modeling has spurred a growth in research & applications in many fields of specializations in manufacturing sector. Further, interest in mathematical modeling has increased with the spread of high powered computers used in most industrial and academic settings. Hence academic community must broaden its knowledge in application of mathematics to address the current problems faced by the industry.

#### **Objectives:**

This program is aimed at exposing the graduate students, researchers and practicing engineers in finding the solutions to engineering problems through mathematical applications in related manufacturing fields. Further they can share their knowledge regarding application of mathematical modeling in manufacturing processes like Casting, Welding, Metal Cutting, Metal Forming & Machine Tools. This program may also help the research scholars in finding the methodologies and solutions to research problems related to their Ph.D work.



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Coordinators:

**Dr. Adula Rajasekhar**, *Professor & HOD Mechanical* **Dr. P Shailesh**, *Professor Mechanical Engineering* 

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Affiliation: \_\_\_\_\_\_ Designation: \_\_\_\_\_\_ Address: \_\_\_\_\_\_ \_\_\_\_\_ Telephone / Mobile No: \_\_\_\_\_\_ E-Mail: \_\_\_\_\_\_ Signature: Date:



# Applications of Mathematical Modeling in Manufacturing

26 - 27, October 2018

Catalysed & Supported by National Council for Science & Tech. Communication, Department of Science & Technology, Govt. of India and Telangana State Council for Science & Tech. (TSCOST) Dept. of EFS&T, Govt. of Telangana



Govt. of India | Govt. of Telangana | NCSTC Telangana State Council of Science & Technology

Organized as part of DECENNIAL CELEBRATIONS:

*by* Department of MECHANICAL ENGINEERING

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