



Dr. M
(2017-21)

GRIET/6C/G/20-21

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	GRIET		
Department	Mechanical	Professional Body	Institutional Body
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	FDP		
Title / Theme of the Event	Advances in Mechanical Engineering with an Emphasis on AI (AMEAI-2021)		
Details of the Coordinator & Designation	Dr. K. Venkateswarlu , Professor, ME Mr. K. Sunil Kumar Reddy, Associate Professor, ME		
Event Dates/Days	From	To	No. of Days
	15/03/2021	20/03/2021	6 days
Details of the Speakers / Guest Organization Address:	<ol style="list-style-type: none"> 1. Dr. KishleyMitra, Professor, IITH 2. Dr. Raja Benarji, Professor, IITH 3. Dr. P. Anil Kumar, Scientist F, DRDO Hyderabad 4. Dr. Ch. Damodara Reddy, Scientist, IHPC, Singapore 5. Dr. R. T Naik, Assit. Professor, IISc., Banglore 6. Dr. G. Naga Srinivas, Assoc.Professor, NITW 7. Dr. S. K. Singh, Professor, GRIET 8. Dr. SriramVenkatesh, Professor, OU, Hyderabad 9. Dr. L. Shiva Rama Krishna, Assoc.Professor, OUH 10. Dr. J. Arun Nehru, Assistant Professor, SRM Chennai 11. Dr. M. VijayKumar, Assistant Professor, NITW 		

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 Head of the Department
 Mechanical Engineering
 GOKARAJU HANGARAJU
 Institute of Engineering and Technology
 Bachupally, Hyderabad-500 090

To

Dt: 01-03-2021

The Principal

GRIET, Hyderabad

Sir

Sub: Request for issue of permission for one week FDP-Reg.

We are planning to conduct a one week Faculty Development Program "Advances in Mechanical Engineering (AME-2021)" with an emphasis on Artificial Intelligence in Mechanical department during 15-20 Mar, 2021 for the benefit of faculty. The resource persons for this proposed FDP are from IITH, JNTUH University, DRDO, Osmania University and BITS Hyderabad including our own department faculty members. We are expecting a total of 50 participants including the faculty members of our Mechanical department. The approximate cost of the FDP is Rs. 30000(Thirty thousand rupees). Hence, I request you to kindly give the permission and sponsor for conduct of the program.

Thanking you

Yours sincerely

Conveners, AME-2021

[Signature]
Dr. K. Venkateswarlu

Professor

[Signature]
K. Sunil Kumar Reddy

Associate Professor

Dept. of Mechanical Engineering

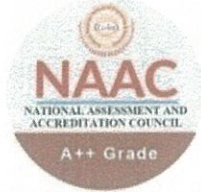
*forwarded for
kind consideration
NS
H22/ME 01/03/2021*

J. Praveen

*12-Session
6 - Internal
6 - External*

*6x3 → 18,000/-
6x1.5 → 9,000/-
27,000/-*

[Signature]

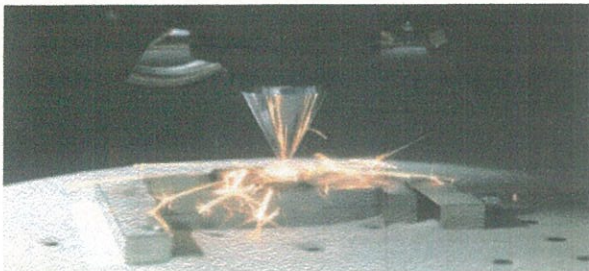


GOKARAJU RANGARAJU
Institute of Engineering and Technology
 (Autonomous & Accredited with NAAC A++)

An Online One Week
Faculty Development Program on
Advances in Mechanical Engineering with an Emphasis
on AI
(AMEAI - 2021)
(15 Mar - 20 Mar, 2021)

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING



About the Institution

Gokaraju Rangaraju Institute of Engineering and Technology was established in 1997 with a mission to provide quality education with an emphasis on practical skills and social relevance. The college is an UGC Autonomous institution affiliated to JNTUH, Hyderabad and is accredited by NAAC with 'A++' Grade. GRIET offers 9 B.Tech and 6 M.Tech programs. 6 B.Tech programs and 4 M.Tech programs are accredited by NBA. College has excellent infrastructure, state of the art labs, R&D activities and qualified faculty from both industry and academia to create a conducive teaching and learning environment.

About Mechanical Engineering Department

Department, started in 1997, has been striving to impart quality education to the students. The department has well equipped laboratories and highly qualified staff. The department offers B.Tech (Mechanical Engineering) and M.Tech (DFM) programs. The staff and students are engaged in advance research in the area of Metal Forming/Manufacturing/CAD/CAM sponsored by DST, AICTE and UGC. The Mechanical Engineering Department is recognized as a research centre by JNTUH, Hyderabad. The B.Tech (Mechanical Engineering) and M.Tech (DFM) programs are accredited by NBA.

About the Program

The technology has been advancing at a rapid pace, with the emergence of simulation tools and super computers, providing an opportunity for the engineers and technologists to think innovatively and work collaboratively rather than working on individual streams. There are several instances in which one stream of engineering collaborating with others to better utilize the advents in technology. The teachers as the continuous learners should get acquainted with the state-of-art technologies in their respective fields of specialization. This FDP provides an opportunity for the teachers of Mechanical Engineering to gain knowledge on its different specializations and as well the knowledge on the applications of Artificial Intelligence.

Program Contents

Advances in Mechanical Engineering

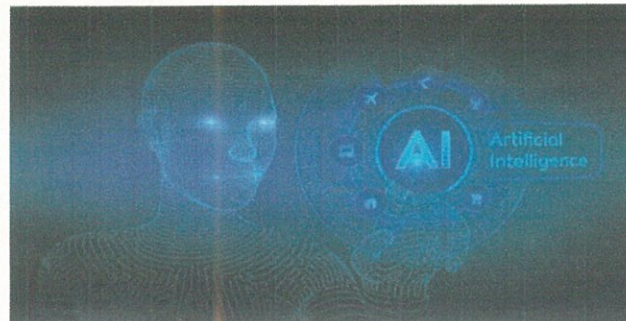
- > Theoretical approach
- > Research based approach

Artificial Intelligence Applications

Registration Details

There is no registration fee. Participants can register for the FDP using the below link

<https://forms.gle/fePqek12hXMccD8F7>



Patrons

Sri. M.G Sekharam CEO
 Dr. Jandhyala N Murthy Director
 Dr. J. Praveen Principal

Advisory Committee

Dr. N. Sateesh Professor & HOD, ME
 Dr. R Karthikeyan Professor, ME
 Dr. R Raman Goud Professor, ME
 Dr. L Jayahari Professor, DSA, ME
 Dr. U.S Jyothi Professor, ME
 B.Ch Nookaraju Associate Professor, ME

Conveners

Dr. K. Venkateswarlu Professor, ME
 K. Sunil Kumar Reddy Associate Professor, ME

Resource Persons

Dr. Kishalay Mitra Professor, HOD Chem.E, IIT Hyderabad
 Dr. Raja Banerjee Professor, ME, IIT Hyderabad
 Dr. R.T Naik Senior Scientific Officer, ME, IISc Bangalore
 Dr. P.Anil Kumar Scientist F, DRDO Hyderabad
 Dr. Ch.Damodara Reddy Scientist, IHPC, Singapore
 Dr. G Naga Srinivasulu Associate Professor, ME,NIT Warangal
 Dr. Sriram Venkatesh Professor, ME, OU Hyderabad
 Dr. L.Siva Rama Krishna Associate Professor, ME, OU Hyderabad
 Dr. Swadesh Kumar Singh Professor, ME, GRIET Hyderabad
 Dr. M Vijay Kumar Assistant Professor, ME, NIT Warangal
 Dr.J Arunehru Assistant Professor,CSE,SRM University, Chennai

Organising Committee

Dr. K. Satyanarayana Associate Professor, ME
 Dr. Ram Subbaiah Associate Professor, ME
 Dr. B. Tanya Associate Professor, ME
 D.S. Nagaraju Associate Professor, ME
 J.V. Suresh Assistant Professor, ME
 D. Eswaraiah Assistant Professor, ME
 S. Sraavan Sashank Assistant Professor, ME
 D.Suresh Kumar Assistant Professor, ME
 S. Aparna Assistant Professor, ME

Important Dates

Last Date for Registration : 13-03-2021
 Intimation for selected candidates : 14-03-2021

Communication Address

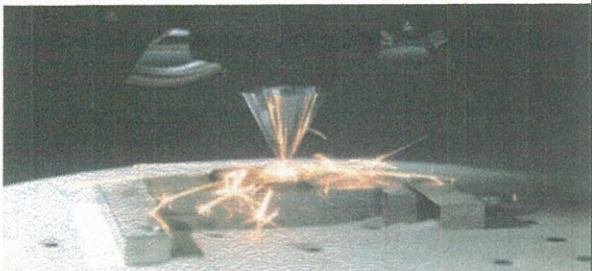
Mr. K. Sunil Kumar Reddy
 Associate Professor , Department of Mechanical Engineering, GRIET
 Email: kadamu.s@gmail.com, aparna.siripuraram@gmail.com
 Mobile: 9912767406, 8497987635



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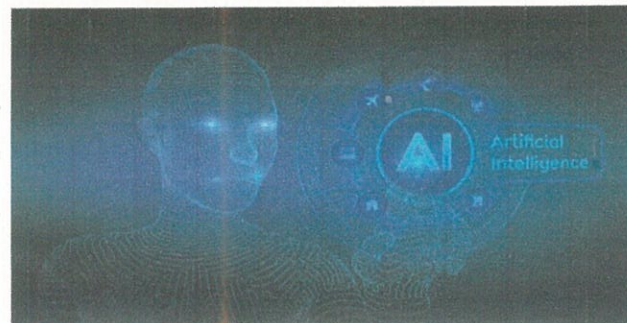
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Dr. Jandhyala N Murthy	Director
Dr. J. Praveen	Principal

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Dr. R Raman Goud	Professor, ME
Dr. L Jayahari	Professor, DSA, ME
Dr. U.S Jyothi	Professor, ME
B.Ch Nookaraju	Associate Professor, ME

Conveners

Dr. K. Venkateswarlu	Professor, ME
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Dr.J Arunnehr	Assistant Professor, CSE, SRM University, Chennai

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Dr. Ram Subbaiah	Associate Professor, ME
Dr. B. Tanya	Associate Professor, ME
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J.V. Suresh	Assistant Professor, ME
D. Eswaraiiah	Assistant Professor, ME
S. Sravan Sashank	Assistant Professor, ME
D.Suresh Kumar	Assistant Professor, ME
S. Aparna	Assistant Professor, ME

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Communication Address

Mr. K. Sunil Kumar Reddy
 Associate Professor , Department of Mechanical Engineering, GRIET
 Email: kadaru.s@gmail.com, aparna.siripuraram@gmail.com
 Mobile: 9912767406, 8497987635



Gokaraju Rangaraju Institute of Engineering and Technology

An Online One Week Faculty Development Program on
 Advances in Mechanical Engineering with an Emphasis on AI (AMEAI-2021)
 (15th Mar – 20th Mar 2021)

DEPARTMENT OF MECHANICAL ENGINEERING

Date	Time	Activity	Presentation Topic
DAY 1 (15/03/2021) Monday	9.00 AM to 10.00AM	Inaugural function: Theme of FDP program by Convener Dr. K Venkateswarlu Speeches by Sri. M.G Sekharam CEO Dr. J.N Murthy Director Dr. J Praveen Principal Dr. N Sateesh Head, Dept. of Mechanical Engineering	
	10.00 AM- 11.30 PM	Dr. J. Arunehru Assistant Professor Dept. of CSE SRM SIT Chennai	Artificial Intelligence
	2.00PM- 3.30 PM	Dr. Raja Banerjee Professor Dept. of Mechanical Engg. IIT Hyderabad	Some Perspective on Using Butanol as an Alternative Fuel for IC Engines
DAY 2 (16/03/2021) Tuesday	10.00 AM- 11.30 PM	Dr. S.K. Singh Professor Dept. of Mechanical Engg. GRIT Hyderabad	High temperature forming of materials
	2.00 PM- 3.30 PM	Dr. L. Siva Ram Krishna Associate Professor Dept. of Mechanical Engg. OU Hyderabad	Case studies on biomedical applications of 3D printing
DAY 3 (17/03/2021) Wednesday	10.00 AM- 11.30 AM	Dr. G. Srinivasulu Associate Professor Dept. of Mechanical Engg. NIT Warangal	Fuel Cell Fundamentals and Flow field plated design
	2.00 PM- 3.30 PM	Dr. Kishalay Mitra Professor and HOD Dept. of Chemical Engg. IIT Hyderabad	Artificial Intelligence



Gokaraju Rangaraju Institute of Engineering and Technology

One Week Short-Term Training Programme on
 Advances in Mechanical Engineering with an Emphasis on AI (AMEAI-2021)
 (15th Mar – 20th Mar 2021)

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 4 (18/03/2021) Thursday	10.00 AM- 11.30 AM	Dr. Sriram Venkatesh Professor Dept. of Mechanical Engg. OU Hyderabad	Overview of SLM, SLS and Ployjet AM Technologies: Some Case Studies
	2.00 PM- 3.30 PM	Dr. Chilla Damodara Reddy Senior Scientist IHPC Singapore	Recent developments in Low Dimensional Materials
DAY 5 (19/03/2021) Friday	10.00 AM- 11.30 AM	Dr. M Vijay Kumar Assistant Professor, ME, NIT Warangal	Application of AI and ML techniques in production systems with the case study
	2.00 PM- 3.30 PM	Dr. R.T.Nayak Senior Scientific Officer Dept. of Mechanical Engg. IISc.Bangalore	Combustion in IC Engines
DAY 6 (20/03/2021) Saturday	10.00 AM- 11.30 AM	Dr. P. Anil Kumar Scientist F DRDO	Applications of FEM
	11:30AM to 12:30PM	Valedictory function: Coordinated by Co-convener Mr. K. Sunil Kumar Reddy Sri. M.G Sekharam CEO Dr. J.N Murthy Director Dr. J Praveen Principal Dr. N Sateesh Head, Dept. of Mechanical Engineering Vote of thanks by Convener	

1679

welcome slide_AMEZ1 - Microsoft PowerPoint

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From Beginning From Current Slide Custom Slide Show Start Slide Show

Set Up Slide Show Hide Slide Record Narration Release Timings Use Rehearsed Timings Set Up

Slide Sorter Outline

WELCOME TO ALL

Participants (40)

Find a participant

- Kadaru Sunil K Reddy (Co-host, me)
- K Venkateswarlu (Host)
- suresh kumar (Co-host)
- m g sekharan
- Narayana Murthy Jandiyala
- Abhishek Kumar Panda Anurag Un...
- Dr. N. Suresh, HoD-ME, GRIET, Hyd...

Invite Mute All

ARAJU and Technology (with NAAC A++)

Week Program on Engineering with MEAI - 2021)

ENGINEERING

YOU ALL

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Security Participants Chat Screen Share Help Feedback

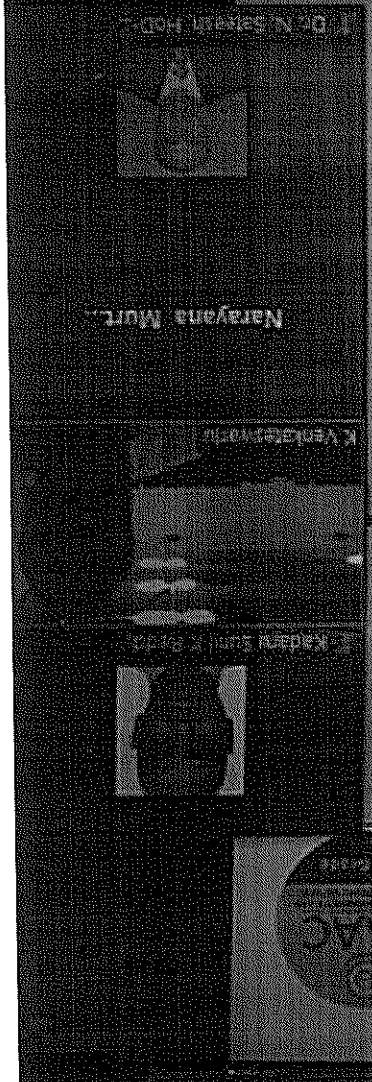
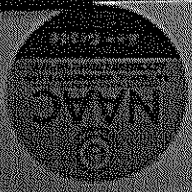
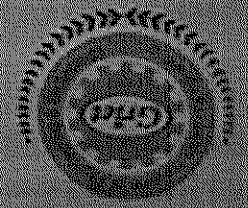
WELCOMES YOU ALL

DEPARTMENT OF MECHANICAL ENGINEERING
Organized by

(15 Mar - 20 Mar, 2021)

**Advances in Mechanical Engineering with
an Emphasis on AI (AMEAI - 2021)**
Faculty Development Program
An Online One Week

GOKARAJU RANGARAJU
Institute of Engineering and Technology
(Autonomous & Accredited with NAAC A++)





Online One Week Faculty Development Program on
Advances in Mechanical Engineering
with an Emphasis on AI

(AMEAI - 2021)

Certificate of Participation

This is to certify that

Dr./Mr./Ms. *K Sunil Kumar Reddy*, Associate Professor

has participated in one week Faculty Development Program Conducted through online mode during 15 – 20 Mar, 2021 by the Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, Telangana, India.

Mr. K Sunil Kumar Reddy
Co-Convener

Dr. K Venkateswarlu
Convener

Dr. N Sateesh
HOD-ME

Dr. J Praveen
Principal



Online One Week Faculty Development Program on

**Advances in Mechanical Engineering
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(AMEAI - 2021)



Certificate of Participation

This is to certify that

Dr./Mr./Ms. *Ram Subbiah*, Associate Professor

has participated in one week Faculty Development Program Conducted through online mode during 15 – 20 Mar, 2021 by the Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, Telangana, India.

Mr. K Sunil Kumar Reddy
Co-Convener

Dr. K Venkateswarlu
Convener

Dr. N Sateesh
HOD-ME

Dr. J Praveen
Principal



Online One Week Faculty Development Program on
Advances in Mechanical Engineering
with an Emphasis on AI



(AMEAI - 2021)

Certificate of Participation

This is to certify that

Dr./Mr./Ms. *Kavati Veladri*, Associate Professor

has participated in one week Faculty Development Program Conducted through online mode during 15 – 20 Mar, 2021 by the Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, Telangana, India.

Mr. K Sunil Kumar Reddy
Co-Convener

Dr. K Venkateswarlu
Convener

Dr. N Sateesh
HOD-ME

Dr. J Praveen
Principal

Dr. J. Arunehru received his Diploma in Computer Technology from Muthiah Polytechnic College, Annamalai Nagar, in 2004. He obtained his B.E. degree in Computer Science Engineering in 2008, M.E. degree in Computer Science and Engineering in 2010, and the Ph.D. degree in Computer Science and Engineering in 2017 from Annamalai University, Annamalai Nagar. Presently, he is working as an Assistant Professor (Sr.G) in the Department of Computer Science and Engineering, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Vadapalani Campus, Chennai, Tamilnadu.

He has published more than 45 papers in reputed international journals and he has presented 20 international conference papers. His area of specialization includes image and video processing, pattern classification, machine learning and deep learning. He is a life member of the Indian Society of Technical Education (ISTE), IET and IAENG. He received the best paper award at the Springer international conference in 2014. He is a reviewer for the Elsevier and other internationally reputed journals.

Topic : AI and its Applications with Hands-on Approach

Brief Profile of Dr. L. Siva Rama Krishna

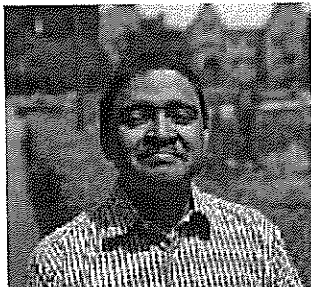


Dr. L. Siva Rama Krishna, is presently working as Associate Professor in the Dept. of Mech. Engineering, University College of Engineering(A), Osmania University. Presently he is **working as Joint Director, Centre for Product Design, Development and Additive Manufacturing (A centre of Excellence established under RUSA 2.0)**, Nodal Officer PMSSS (J&K), Single Point of Contact for Local Chapter SWAYAM- NPTEL, NSS program officer, and Faculty Adviser for M.E course on DFM. Course. He has also worked as Joint Director of Evaluation Examination Cell, University College of Engineering, Osmania University.

His areas of research interest include 3D Printing, CAD/CAM, CIM, and Cloud based Manufacturing systems. He has published **80** Research papers at various Referred International & National Journals and conferences. He has visited Florida International University, Miami, USA, Teesside University, United Kingdom .

He is Reviewer for many reputed journals like Institute of Engineers India Series C journal Springer Series, British Journal of Medicine and Medical Research, etc. He has won the best research paper award in the International Conference on Recent Innovations in Engineering and Technology at Bhubaneswar. He is editorial board member of The International Journal of Emerging Technology and Advanced Engineering, IOP Journal, etc. He has authored a text book on "Production Technology". He is Doctoral committee member of VIT University, Vellore and also member board of studies for various engineering colleges. He has guided more than 60 ME projects and presently guiding 9 Ph.D students. He has delivered 85 guest lecturers in various UGC & AICTE refresher courses, webinars, in house training programs of prestigious organizations like BHEL (R&D), BDL etc. He has also organized various STTP's, International Conferences, workshops etc. He has organised prestigious program Global Initiative for Academic Networking (GIAN) with Prof. Suman Das from Georgia Institute of Technology, USA as the resource person. He has also organised 2 ATAL AICTE online FDPs one on Stress Management and other one on 3D Printing and Design. He has also done many research and consultancy projects in the area of 3D printing.

He works with **MDS Care Hospitals Banjara Hills, Yashodha Hospitals Secunderabad and Sri Sai Dental College, Mahbubnagr for solving various critical cases related Cranioplasty and Maxillofacial Surgeries.**



Dr. Kishalay Mitra is a Professor & Head of Chemical Engineering department at IIT Hyderabad. Dr. Mitra obtained his PhD from IIT Bombay, M. Tech from IIT Kanpur and B. Tech from NIT Durgapur. He brings along with him 15 years of corporate research experience through his exposure at Tata Research Development & Design Centre (TRDDC), Pune and General Electric Global Research, Bangalore. His research interests lie in the interface of optimization and machine learning, where his group (GOKUL) @ IIT Hyderabad works in both theoretical development and implementations of several process systems engineering applications from different domains, e.g. wind farm optimization, battery management system, CO₂ sequestration, Bio Supply Chain, climate change, Systems biology and various other engineering applications from different domains.

He has published over 150 research papers in these areas in peer reviewed journals, conferences, book chapters and patents. His group is blessed to have several crores of projects from different funding agencies like DRDO, SERB, DST, DBT, MHRD, UKIERI etc. He has been invited as visiting professor to Washington University, St. Louis and University of Washington, Seattle on several occasions. He has been very active in conducting workshops at IIT Hyderabad and several other places in India for the proliferation of AI and Machine learning in several application areas. He was the project leader for the pioneering and award winning project of Ministry of Mines and DST, India that implemented the first advanced process control and optimization technology in the mineral processing sector. Currently serving as an Associate Editor, Springer Nature Journal of the Institution of Engineers, India, he has received several awards and honors.

Brief bio-data of Prof.R.T.Naik, Indian Institute of Science, Bangalore, India

Dr.R.T.Naik completed his Doctorate, PhD in Mechanical Engineering from Indian Institute of Technology (IIT), Delhi in 2007. B.Tech and M.Tech in Mechanical Engineering from Andhra University College of Engineering (AUCE) Campus, Visakhapatnam, Andhra Pradesh in 1999 & 2003 respectively. He worked as Teaching Assistant at Indian Institute of Technology (IIT), Delhi, India from 2002-2006. He worked as Assistant Professor in the Department of Mechanical Engineering at National Institute of Technology (NIT), Warangal, Andhra Pradesh from 2006-2008 then joined as faculty in the Department of Mechanical Engineering, Indian Institute of Science (IISc), Bangalore, India since 2008 and also worked as Associate Faculty member at Centre for Energy Research, IISc. He was a Visiting Professor at Caltech, USA.

He works in the area of Thermal Sciences namely Internal Combustion Engines, Alternate fuels, Combustion, Vehicle Emissions control, Renewable Energy, Automotive Engineering, simulation of Combustion Engines and Transportation Engineering. He has published more than 80 research papers in various International Journals and conferences of repute. He also Editor of the Proceedings of the National Workshop on Recent Advances in Internal Combustion Engines (RAICE) in 2008 at NIT- Warangal and Edited the course material for the Multipurpose Mechanic Training for Rural students (MPMTRS) in 2008 at NIT-Warangal, Andhra Pradesh. National Advisory Committee member for National Seminar on Renewable Energy Technology: Issues and Prospects (RETIP) in 2010 at NERIST, Arunachal Pradesh. He is the Coordinator for Summer Undergraduate Mentorship in Mechanical Engineering (SUMMER) in 2009-2017 and Organizing Secretary for National Workshop on Recent Advances in Eco-friendly Lubricants (RAIEFL) in 2010 at Department of Mechanical Engineering, Indian Institute of Science, Bangalore. He was Course Coordinator for the QIR- STC: IC Engines in 2017 at IISc. Panel member in CSIC-IISc Industrial Projects at IISc- Bangalore. Also, Members in the many advisory committees of Conferences/ workshops/ Seminars etc at Abroad and India as well.

He is actively involved in 20 various research and consultancy projects in India and abroad. He has guided 78 undergraduates, 22 Postgraduate students and many more research students are working under him. He taught more than 16 courses and conducted various laboratories courses for UG and PG/research engineering students. He is reviewer of 40 various International Journals/ National journals/ Conferences. He is reviewer for the DST, SERB, KSCST, VGST research projects and various other technical committee member/examiner for various institutes/Projects/ conferences/ seminars / workshops. He gave more than 110 invited technical talks at various institutes like IIT's, NIT's, Universities, Colleges, Institutes in India and in abroad like USA, Singapore, Japan, Dubai, Malaysia etc. He chaired the International Conference on ICME-2011 conducted by World Academy of Science, Engineering and Technology (WASET) at Singapore, Chaired the Sessions of International conference on ICAEE-2018 in Japan and Chaired the sessions of International Conference of I-NUF-2017 in USA and also various institutes in India.

He is the member in Society for Automotive Engineering (SAE) and member in American Society for Mechanical Engineering (ASME), USA. Life Member in Combustion Institute (CI), Institute of Engineers (IE), Tribology Society of India (TSI) and Indian Society for Technical Education (ISTE). Member in Indian National Science Academy (INSA), Delhi, Member in International Association of Engineers (IAENG), Hong Kong and Member in World Academy of Science, Engineering and Technology (WASET), USA.

He is the IISc representative/Team Leader/ Team member/Examiner for the GATE (Graduate Aptitude Test in Engineering) entrance examination since 2008-2021 under IISc Zone in India, KVPY (Kishore Vaigyanik Prasthan Yojana), Govt. of India Examination since 2008-2021 in India, IISc Entrance examination since 2009-2013 in India. Team member/Examiner for the IIT-JEE (Indian Institute of Technology-Joint Entrance Examinations) since 2014-2018 in India. Member in AICTE-NBA accreditation, BMT, KSRTC and CPRI. Advisor for Relon Company and Director for GE Bio-power Ltd, Bangalore. Vice President-Faculty Association, IISc-Bangalore, General Secretary-Faculty Club, IISc and Director-IISc Employees Housing Society. Interested in various social services being the transparent instrument in nourishing for the up-liftment of the people in general by trying to follow in the Science of Self-realization from the principles of Bhagavad-Gita As It Is, Srimad-Bhagavatam and Sri Chaitanya-Caritamrita by HDG Sri Prabhupada.

Contact Address:

Prof.R.Thirumaleswara Naik
Principle Research Scientist
Department of Mechanical Engineering
Indian Institute of Science (IISc)
Bangalore-560012, India

Tel: +91-80-22932660, Fax: +91-80-23660648
E-mails: rnaik@iisc.ac.in, rnaik.irt@gmail.com

Brief bio-data of Prof.R.T.Naik, Indian Institute of Science, Bangalore, India



Brief Profile of


Prof. Sriram Venkatesh

**Professor of Mechanical Engineering and
Controller of Examinations, O.U**

Dr. Sriram Venkatesh is presently working as Professor in the Dept. of Mechanical Engineering, University College of Engineering, Osmania University. He has 24 years of Teaching and 2 years of industrial and research experience. His research areas of interest are Additive Manufacturing, Bulk Solids Handling, Design of Bins, Bunkers and Silos, Computer Aided Modelling, Design & Analysis, and CAD/CAM. He is presently working as Controller of Examination of Osmania University. Previously he worked as Coordinator TEQIP –III, Director, University Foreign Relations Office, Osmania University, Director, Internal Quality Assurance Cell (IQAC), Osmania University, Director, University Guest House, Osmania University, Chairman, Board of Studies in Mechanical Engineering, Head, Department of Mechanical Engineering, Director of Evaluation, Examination Cell, University College of Engineering, Osmania University, Additional Controller of Examinations, Osmania University, Chairman, Board of Studies in Mechanical Engineering, and Assistant Chief Warden for Engineering Hostels, Osmania University. He is Doctoral committee member of VIT University, Vellore and also member board of studies for various engineering colleges. To his credit he has won many awards, honours and recognitions like State Level Best Teacher Award by Government of Telangana on 5th September, 2019, Engineer of the Year Award jointly awarded by the Government of Telangana and the Institution of Engineers (India), Telangana State Center in September, 2016, Career Award for Young Teachers” by All India Council for Technical Education (AICTE), New Delhi, in 2002 and Distinguished Alumnus Award by KITS Warangal in December, 2016, as Director of the Centre for Prototyping and Testing of Industrial Products (CPTIP), received the award “Academic Research Award of Excellence” to CPTIP by Additive Manufacturing Society of India, Bangalore. He has published 100 Papers in various International and National Journals and Conferences. He has also done many research and consultancy projects in the area of 3D printing. He has visited many countries like Australia, USA, Germany, Thailand, Singapore, Austria, France, UAE, Kenya and Israel. He is a member of various professional bodies like Fellow of The Institution of Engineers (India), Life member of Indian Society for Technical Education (ISTE), Indian Society of Mechanical Engineers (ISME) and Tribology Society of India (TSI) affiliated to International TSI. He has delivered 75 guest lectures and 10 Keynote addresses in various UGC & AICTE refresher courses, conferences, in house training programs of prestigious organizations like BHEL (R&D), DMRL, BITS Pilani, ESCI etc. Under his supervision, 4 scholars were awarded PhDs and 9 are in progress. Native place: Ravirala Village, Nellikuduru Mandal, Mahabubabad Dist. (old Warangal Dist).

- **Dr. Vijay Kumar Manupati** is currently working as an Assistant Professor in the Department of Mechanical Engineering, NIT Warangal.
- He received his Ph.D. in the Department of Industrial and Systems Engineering from the Indian Institute of Technology Kharagpur.
- His current research interests include Intelligent manufacturing systems, Cyber-Physical Systems, Sustainable supply chain, and Health care systems.
- He has published more than 86 publications which include prestigious Journals like International Journal of Production Research, Computers, and Industrial Engineering, International Journal of Advanced Manufacturing Technology, Journal of measurements, International Journal of Computer Integrated Manufacturing, etc.
- He is acting as an International reviewer for more than 30 peer-reviewed Journals. Currently, he is acting as an Editorial Review Board member of International Journal of Sustainable Entrepreneurship and corporate social responsibility, International Journal of Web Portals IGI Global publications.
- He received an Early Career Research Grant from Department of Science and Technology (DST) for his research work on Telefacturing Systems.
- He is a member of the Institute of Industrial and Systems Engineering (IISE), Institute of Engineers (IEI) India, Life member of International Association of Engineers, US and also acting as a technical committee member of various International conferences.

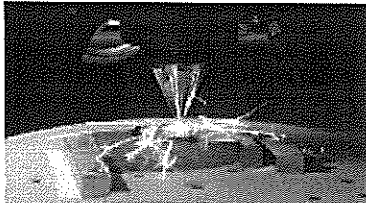
TOPIC: Applications of AI and ML in production systems with case studies



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Advances in Mechanical Engineering with an Emphasis
on AI
(AHEAT - 2021)
(15 Mar - 20 Mar, 2021)

Organized by
DEPARTMENT OF MECHANICAL ENGINEERING



About the Institution

Gokaraju Rangaraju Institute of Engineering and Technology was established in 1997 with a mission to provide quality education with an emphasis on practical skills and social relevance. The college is an UGC Autonomous Institution affiliated to JNTUH, Hyderabad and is accredited by NAAC with 'A++' Grade. GriET offers 9 B.Tech and 6 M.Tech programs. 6 B.Tech programs and 4 M.Tech programs are accredited by NBA. College has excellent infrastructure, state of the art labs, R&D activities and qualified faculty from both industry and academia to create a conducive teaching and learning environment.

About Mechanical Engineering Department

Department, started in 1997, has been striving to impart quality education to the students. The department has well equipped laboratories and highly qualified staff. The department offers B.Tech (Mechanical Engineering) and M.Tech (DFM) programs. The staff and students are engaged in advance research in the area of Metal Forming/Manufacturing/CAD/CAM sponsored by DST, AICTE and UGC. The Mechanical Engineering Department is recognized as a research centre by JNTUH, Hyderabad. The B.Tech (Mechanical Engineering) and M.Tech (DFM) programs are accredited by NBA.

About the Program

The technology has been advancing at a rapid pace, with the emergence of simulation tools and super computers, providing an opportunity for the engineers and technologists to think innovatively and work collaboratively rather than working on individual streams. There are several instances in which one stream of engineering collaborating with others to better utilize the advances in technology. The teachers as the continuous learners should get acquainted with the state-of-art technologies in their respective fields of specialization. This FDP provides an opportunity for the teachers of Mechanical Engineering to gain knowledge on its different specializations and as well the knowledge on the applications of Artificial Intelligence.

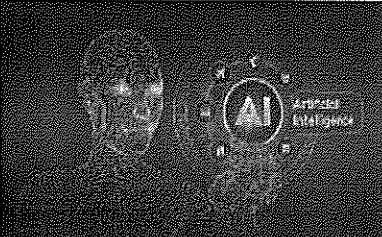
Program Contents

- Advances in Mechanical Engineering
 - > Theoretical approach
 - > Research based approach
- Artificial Intelligence Applications

Registration Details

There is no registration fee. Participants can register for the FDP using the below link

<https://forms.gle/tePqek1Zu0KccDBF7>



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D.Suresh Kumar	Assistant Professor, ME
S. Asama	Assistant Professor, ME

Important Dates

Last Date for Registration	: 13-03-2021
Intimation for selected candidates	: 14-03-2021

Communication Address

Mr. K. Sunil Kumar Reddy
Associate Professor, Department of Mechanical Engineering, GriET
Email: ksunilr@gmail.com, spama.srinivaram@gmail.com
Mobile: 9912767406, 8497907635

Name of the Participant (In Capital Letters)

Dr. Tanya B
Dr.L.Jayahari
PEDDIREDDY SHASHIDAR
K SANTOSH KUMAR
Pvs Subhashini
G. Jamuna Rani
DR. JIBITESH KUMAR PANDA
Mr. K M D MAZHARUDDIN
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Nadimpalli s m raju
DR.M.SUMALATHA
Mr. H. AMERESH
Muhammad Luqman
AJAY KUMAR S

Designation

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Professor
Assistant professor
Assistant Professor
Assistant professor
Assistant Professor
Assistant Professor
Professor
Assistant professor
Associate Professor
Associate Professor
Associate Professor
Associate Professor
Lab assistant
Assistant Professor
Asst.Professor
Assistant professor
ASSISTANT PROFESSOR

T KRISHNA CHAITANYA	Assistant Professor
B Ch Nookaraju	Associate Professor
D S Nagaraju	Associate Professor
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Dr. NASEEB KHAN	Professor and Head
U S Jyothi	Professor
K Sunil Kumar Reddy	Associate Professor
R ARUN KUMAR	Asst Prof
NEELA RAJA SRIKANTH	ASSOCIATE PROFESSOR
Lavu Gopinath	Assistant professor
Bandhavi Challa	Assistant professor
APARNA SIRIPURAM	Assistant Professor
Rajith	M tech student
A.Anitha lakshmi	Assistant professor
J ANJANEYULU	Asst.Professor
K RATNABABU	Assistant professor
M. MONIKA	MTECH (DFM)
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ESWARAIAH D	Assistant professor
DR S RAVI SEKHAR	Assistant Professor
B. Venugopal	Associate Professor
Dr N Madan Mohan Reddy	Assistant Professor
BUDDARAJU KRISHNA MOHAN	Assistant Professor
SHIVANAND KAVADIMATTI	Assistant professor
S Narasimha Kumar	Asst professor



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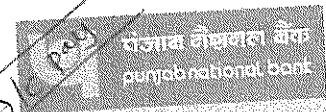
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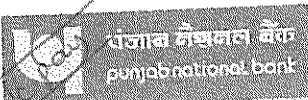
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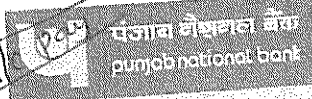
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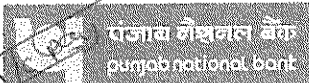
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