



Curriculum Vitae

	Principal and Professor *		
Faculty	Mechanical Engineering		
Name	Dr. MAHESWAR DUTTA	Contact	9440212730 , 7093309222 dr9440212730@gmail.com

- **Ratified as Professor of Mechanical Engineering by JNTU Hyderabad in 2006.**
- **Ratified Principal in various Engineering colleges affiliated to JNTU Hyd since 2008 (15 Years)**

Educational Details

S.No	Name of Degree	University	Branch	Year
1	Ph.D	JNTU	IC Engines	2005
2	M.E	Gulbarga university	Thermal power	1995
3	B.Tech	Gulbarga university	Mechanical	1992

Employment History

Total Experience (Teaching, R&D and Administration): 27 Years

S.No	Name of the College	Experience	Designation	Regular – University
1	Keshav Memorial Institute of Technology	December-2014- Till date	Principal	Ratified by JNTUH
2	Avanthi Institute of Engineering & Technology-Hyd	Aug 2014- November-2014	Principal	Ratified by JNTUH
3	MNR college of Engineering and Technology-Hyd	Dec 2011- July 2014	Principal	Ratified by JNTUH
4	Hi-Tech college of Engineering and Technology-Hyd	August 2010- Dec 2011	Principal	Ratified by JNTUH
5	Samskruthi college of Engineering & Technology-Hyd	July 2008- July 2010	Principal	Ratified by JNTUH
6	Alhabeeb college of Engg&Tech., Hyderabad	March 2007-Jun 2008	Principal	-
7	RGM Engineering college, Nandyal	2005-2007	Prof.&HOD	Ratified by JNTUH
		1999-2005	Assoc.prof	
		1995-1999	Asst.prof	
8	SLN college of Engineering, Raichur.	July 1992 -July 1995	Lecturer	Karnataka

Research Guidance

S.No.	Title of Research Scholar's Thesis	Research Scholar	Degree	Status/ University
1	Simulation of expanded and exhaust charged cycle by modifying the design of exhaust cam in LHR diesel engine	A. Siva Kumar	Ph.D	Awarded by JNTUH, Hyderabad. 2012
2	Optimization of redundancy allocation for series parallel systems with multiple constrains and sensitive analysis	S.V. Suresh Babu	Ph.D	Awarded by JNTUA, Anantapur. 2013
3	Experimental Investigation on stationary IC engine Using Hydrogen and CNG as alternative fuels	Sridhara Reddy	Ph.D	Awarded by JNTUH, Hyderabad. 2015
4	Experimental Investigation to improve the performance and emissions characteristics of different vegetable oils in a direct injection compression ignition engine.	Mallinath N	Ph.D	Awarded by JNTUH, Hyderabad. 2015
5	Experimental Investigation on HCCI Engine using Exhaust Gas Recirculation	P V Ramana	Ph.D	Awarded by JNTUA, Anantapur. 2018

Initiatives and Achievements during the Tenure at KMIT

Academic Administration

- 2014-15 Intake of CSE departments has been **increased to 420** from 300.
- 2017-18 IT Department got **accredited by NBA** for 3 years (2017-18 to 2019-20).
- 2018-19 Started **KMIT PARISHAD** – A registered Alumni Association of KMIT students.
Started NPTEL local chapter and bagged **Number 1** position in the starting year.
- 2019-20 Intake of IT department has been **increased to 120** from 60.
KMIT got **accredited by NAAC** with CGPA of 3.06 on 4 point scale.
Ranked number 1 in NPTEL.
KMIT joined the **Unnat Bharath Abhiyan** and adopted five villages.
- 2020-21 **Autonomous status** conferred by UGC for 10 years from A.Y. 2020-21.
IT Department got **reaccredited by NBA** for 1 year (2020-21)
Started two new undergraduate courses - Computer Science & Engineering ((AI&ML)) and Computer Science & Engineering (Data Science (DS))
KMIT is recognized in the band **PROMISING** in ATAL Ranking of Institutions on Innovation Achievements (**ARIIA**).
- Started **NSS unit** in KMIT and organizing many programs.
- 2021-22 Established an **exclusive examination branch** for autonomous section.

General Administration

2018-19 Initiated an online Employee Leave Management System (**ELMS system**).

Research & Development

- 2016-17 A renowned MNC, **VIRTUSA** has established a **Center of Excellence** to work jointly in the Data Science domain.
Adobe Center of Excellence to train the students of KMIT to develop Customized Workforce.
- 2018-19 An in-house R&D project to develop **Abhimanyu – a Humanoid**.
Smart and Friendly Irrigation System Using IOT developed for Teleparadigm
KMIT students **won 1st Prize** in Smart India Hackathon.
Training Program on AI&ML Technologies at DRDL, Hyderabad
- 2020-21 A Research project on **Computer Aided Diagnostic system for cancer** sanctioned by **BIRAC** (Bio-technology Industry Research Assistance Council), Dept. of Biotechnology, Govt. of India.
Research Project at Research Center Imarat(RCI) Hyderabad
Research Project on Compressible Euler/ Reynolds Averaged Navier Stokes (CERANS) Solver conversion at, DRDL, Hyderabad.

Placement Activity

S NO	ACADEMIC YEAR	No. of COMPANIES VISITED	No of STUDENTS PLACED	No. OF OFFERS	AVERAGE SALARY	MAXIMUM SALARY(LPA)
1	2014-15	39	295	320	3.27	6
2	2015-16	35	320	346	3.65	9
3	2016-17	42	367	383	3.88	28
4	2017-18	49	383	490	4.04	28
5	2018-19	67	420	530	4.31	28
6	2019-20	81	450	638	5.05	41
7	2020-21	104	480	844	6.4	93
8	2021-22	118	536	1094	8.32	44
9	2022-23	95	555	791	8.1	122

Initiatives and Achievements in Previous Colleges

- TEQIP (Technical Education Quality Improvement Programme) Coordinator, Rajiv Gandhi Memorial college of Engineering and Technology, Nandyal.
- Twice NBA (National Board of Accreditation) Coordinator. Rajiv Gandhi Memorial college of Engineering and Technology, Nandyal.
- Contributions to Several Curricular and Co-curricular Activities of Academic Institutions-TLP Committee, Coordinator of Post Graduate Programme, Liaisoning with Expert Committees and Accreditation teams (Local Inquiry/PIO/NBA etc.).
- Successfully Audited AHCET Institutions different departments for ISO quality systems in ISO9000/ISO 2000 Quality Systems.
- Attended Various “Faculty Development Program” organized by various prestigious & esteemed organizations.
- Participated in Several College and University Level Examination works as External Deputy Chief Superintendent, Chief Examiner, Paper Setter and Faculty selection.
- Conducting Technology Awareness Programmes to Academic Institutions.
- Industries and Research Laboratory Visits, Industrial Educational Tours with students.
- Organizing committee member for “International Conference on I.C Engines and Combustion” held on Dec-2007-at JNTU, Kukatpally, Hyderabad-85
- Organized and played key role in various National level conferences / symposiums for staff and students.
- Organized and played key role in various short term courses, guest lectures, work shops, seminars, career awareness, programme, and orientation.
Programmes for staff and Students College disciplinary committee chairman.
- NSS Programme officer.
- Service to community programme coordinator under TEQIP.
- HEAD of the Mechanical Engineering Dept, Rajiv Gandhi Memorial college of Engineering and Technology, Nandyal & Al Habeeb College of Engineering and Technology, Chevella, R.R. Dist.
- Officer -in -charge of hostels.
- Students’ Union coordinator.
- Alumni Association Secretary cum treasurer.
- Monitoring committee member for university examinations.
- Chairman, Mentor-Mentee Activity

Research Publications

Number of International Publications	Number of National Publications	Number of Presentations in International Conferences	Number of Presentations in National Conferences
37	37	37	17

Some of Research Publications in Journals

S. No	Title of the Paper	Title of the Journal	National / International	Name of the Authors	Year / Month	ISSN No	Volume No	Issue No
1	An Experimental Study on The Effect of Injection Timing And COV on Direct Injected Two Stroke S.I. Engine	Turkish Journal of Science and Technology (TJST)	International	Sridhara Reddy and Dr. Maheshwar Dutta	2011		6	2
2	The CNG Injection Strategies for Spark Ignition Engines – A Technical Review	International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS),	International	Sridhara Reddy and Dr. D. Maheshwar,	Jan '12 – June '12,	0974 - 3588	5	1
3	Experimental investigation of spark ignition engine operating on different Hydrogen–CNG blends	International journal of computer applications in Engineering, technology and sciences (IJ-CA-ETS)	International	Sridhara Reddy, Dr.Maheshwar Dutta, Dr. K.Vijaya Kumar Reddy	April-Sept 2013, , issue 2 pp. 77-85	0974 - 3596	5	2
4	Performance and Emission Characteristics of Direct Injection CNG-Diesel Dual Fuel Engine	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	International	Sridhara Reddy, Maheshwar Dutta	Sep. - Oct. 2013	2320 - 334X		

4	Compressed Natural Gas Direct Injection (CNGDI)- Valve Timing and Ignition Study	National Conference on Advances in Mechanical Engineering, NCAME, held at MCT's Rajiv, 2009 Gandhi Institute of Technology, Andheri (W), Mumbai, India	National	Sridhara Reddy, A. Sivakumar, G. Gopala Krishna and Dr. Maheshwar Dutta	15 th and 16 th January				5
5	Experimental investigation on performance of a retrofitted CNG scooter engine	National Conference on Recent Advances in Mechanical Engineering and its impact on Indian Industries (RAMEIII-2012) Organized by Mechanical Engineering Department, PDA College of Engineering, Gulbarga.		Sridhara Reddy and Dr. Maheshwar Dutta	20th-22nd September, 2012,				5

References

1. Dr K Vijaykumar Reddy
R&D Director,
JNTUH, Hyderabad
9866953636
2. Dr P Chandrasekhar Reddy
Professor, ECE Department
JNTUH, Hyderabad
9490931650

Address for Correspondence

House No.	Flat No 501A, Indraprasta Apartment	Village / Locality	BHARKATHPURA
Mandal / City	HYDERABAD	District	HYDERABAD
State	TELANGANA	Pin Code	500029
Mobile Number	9440212730 , 7093309222		
Email	dr9440212730@gmail.com		

Date:

Dr. Maheswar Dutta

Place