

Prof. N Venkateshwarlu

Professor

Mechanical Engineering

N. Venkateshwarlu is Professor, Mechanical Engineering, School of Engineering and Technology, IGNOU, New Delhi. He attained his PhD in Total Quality Management (2014) from SOET, IGNOU, New Delhi. He did his M.Tech in Industrial Engineering and Management (1996) from JNTU, Hyderabad. He did his Bachelor of Engineering in Mechanical Engineering (1989) from University College of Engineering, Osmania University. He also completed his PG Diploma programmes from IGNOU in three disciplines such as Distance Education, Operations Management, Urban Planning and Development while in service. He shows keen interest in learning new things in education, in this endeavor, he completed two online MOOCs courses through courseera.com and gained "Certificate in Urban Infrastructure Management-Part-I" in 2017 and "Certificate in Smart Cities: Management of Smart Urban Infrastructure" in 2018.

During 1997 to till date he designed, developed and launched a 98 credits programme on "Diploma in Mechanical Engineering (DME)" during 2006 to 2010 as Programme coordinator. He also developed around 32 credit course materials for B.Tech. Mechanical Engineering programme and Diploma in Mechanical Engineering programmes as course coordinator. At present he has designed and developed two new and innovative programmes "Diploma in Smart City Development and Management (DSCDM)" of 32 Credits launched in July 2021 and "Certificate in Smart City Development and Management (CSCDM)" of 18 Credits launched in July 2022 in ODL mode as programme coordinator. He also developed and launched two online MOOCs courses "Quality Engineering and Management" of 4 credits and "BME-025 Condition Monitoring and Maintenance Management" of 2 Credits through SWAYAM portal.

During 1990-97, he served in a state govt. company called Allwyn Watches Limited, Hyderabad as Asst. Engineer; Case Assembly and was responsible for day to production of case assembly shop floor. He also suggested few indigenous materials for substitution of imported materials which reduced the cost of materials. After five years service, he had been promoted as Asst. Manager for Machine Shop floor and taken responsibility as Shift In charge for production of machining parts. He effectively managed the shift production on Automated CNC machines and general lathe, milling and drilling machines. He also worked as Asst. Manager, Industrial Engineering Department to establish time standards in the machine shop floor operations. He could able to manage the shop floor productions effectively by maintaining good relationships. He was always tried for improving the quality of materials by implementing statistical quality control methods at shop floors.

His research interests centers primarily on improving the quality of manufacturing products, and increasing the efficiency of processes, machines and manpower. He also published more research papers on Distance Education, Industrial Engineering and Management and Total Quality Management. He has about 29 publications to his credit which includes research articles, conference presented papers, research papers in journals etc;.

He received a Gold Medal for his Research Paper on "Make in India" presented at Industrial Engineering Conference held at NIT Surat in collaboration with IIIE, Mumbai in 2015.

In IGNOU, he prepared 64 Credits of SLM for various ODL programmes. He was coordinating Diploma in Mechanical Engineering (DME) programme from 2006 to 2019, Currently he is Programme Coordinator for "Diploma in Smart City Development and Management (DSCDM)" programme and "Certificate in Smart City Development and Management CSCDM)" programme. He can be contacted at: venkateshwarlu2008@ignou.ac.in / 8826655368

EDUCATION:	
Doctor of Philosophy (TQM) Year 2014	Name of the University: IGNOU Discipline: Mechanical Engineering Doctoral Research Topic: The Study of Selected Issues in TQM in Auto Companies Academic Achievement:
Master of Technology (IEM)	Name of the University: JNTU Hyderabad

Year 1996	Discipline: Mechanical Engineering Dissertation Topic: Production Planning and Control: A Case Study at Allwyn Watch Company Academic Achievement:
Bachelor of Engineering (Mechanical Engineering) Year 1989	Name of the University: Osmania University Discipline: Mechanical Engineering Academic Achievement:
PG Diploma in (Distance Education) Year 2000	Name of the University: IGNOU Discipline: Distance Education Academic Achievement:
PG Diploma in (Operations Management) Year 2009	Name of the University: IGNOU Discipline: Operations Management Academic Achievement
PG Diploma in (Urban Planning and Development) Year 2018	Name of the University: IGNOU Discipline: Urban Planning and Development Academic Achievement
Online MOOCs Course: Certificate in (Management of Urban Infrastructure- Part-I) Year 2016	Name of the University: Ecole Polytechnique Federale De Lausanne, Coursera.com Discipline: Urban Planning and Development Academic Achievement : Online MOOCs
Online MOOCs Course: Certificate in (Smart Cities: Management of Smart Urban Infrastructure) Year 2017	Name of the University: Ecole Polytechnique Federale De Lausanne, Coursera.com Discipline: Urban Planning and Development Academic Achievement : Online MOOCs

WORK EXPERIENCE: 32 Years (7 Years Industry + 25 Years Teaching)

INTERNATIONAL ASSIGNMENTS: NIL

FELLOWSHIP/ AWARDS:

Sl.No.	Name of the Fellowship/Awards	Granting/ Institution	AwardingYear
1.	Gold Medal National Essay Competition on “	IIIE Mubai and NIT	2015

Make in India: Issues and Challenges”

PUBLICATIONS: (draft template is given below)

Ø BOOKS: (authored) + (edited) = NIL

Ø RESEARCH PAPERS PUBLISHED: 29

ü Research Papers in Peer Reviewed Journals: 12

ü Chapters in Books: NIL

ü Papers presented at International/ National Conferences: 17

Ø POLICY DOCUMENTS: 3 Programme Guides

MEMBERSHIP OF PROFESSIONAL BODY/ STATUTORY BODY (INTERNAL/ EXTERNAL):

Membership of Professional body/ Statutory body	Name of statutory body/ institution/	Period
Life Member	ISTE, New Delhi	Life Member
Life Member	IIIE, Mumbai	Life Member
Life Member	CEGR, New Delhi	Life Member
Member	Academic Council	1998-2000
Member	School Board	2000-2002
Convener & Member	School Council	2011-2014
Member	Discipline Committee	1997 to till date