

**Name:** Dharmana Lokanadham

**Employee ID:** A5MEC00T04

**Designation:** Associate Professor

**Department:** ME

**Date of Birth:** 01-10-1968

**Father Name:** Narayana Rao

**Mother Name:** Premakumari

**Reservation Category if Any:** BC-D

**Address:** Labara (vill & post), Pathapatham (via) , Srikakulam (district), Pin:532213

**Mobile Number:** 9441914428

**Email id:** dloknadham@gmail.com

**Date of Joining in the Institution:** 18-08-2004

**Academic Excellence:**

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech (IE&M)	BPUT, Rourkela	FIRST Class with Distinction	Dec 2008
B.E.(Mech.Engg.)	Marathwada University, Aurangabad	FIRST Class	May 1991

**Total Years of Experience (Teaching/Industry):** 25 Years

Period		Organization/Institution/Industry	Designation
Oct 09	Till Date	AITAM, Tekkali	Associate Professor
Sep 06	Oct 09	AITAM, Tekkali	Sr.Asst. Professor
Aug 04	Aug 06	AITAM, Tekkali	Assistant Professor
Dec 98	Aug 04	JITM, Parlakhemundi	Assistant Professor
Jan 96	Dec 98	TMT(INDIA)Ltd., Hyderabad	Engineer(Designs)



**Areas of Interest:**

1. Operations Research
2. Strength of materials
3. Design of Machine Members
4. Engineering Graphics
5. Engineering Mechanics
6. Composite Materials
7. Friction Stir Welding/ Processing
8. Production Planning and Control
9. Thermodynamics
10. Total Quality Management

**Ph.D Guiding: --****Academic Projects Guided:**

- i) Masters Projects : 5
- ii) Bachelor Projects : 30

**Sponsored Projects: --****Honors and awards received:**

1. Elected as Secretary of IE(I) Srikakulam local center for the sessions 2019-20 & 2020-21

**Memberships of Professional Societies:**

ISTE (LM 33037), IE (I) – (M-145242-2)

**Other Responsibilities:**

1. HOD(Aug 2004 to March 2005)
2. Assistant HOD(Dec 2012 to June 2015)
3. In-Charge, Department Examination cell
4. In-charge, Library committee
5. IQAC Departmental Coordinator
6. BOS Member

## **Details of Publications:**

### **International Journals:**

1. D. Lokanadham, K.V. Subbaiah, Estimation of Wear Behavioural Response of Al-Limestone Slurry Composite Using Taguchi Orthogonal Array, Tribology in Industry, Vol. 42, No. 3 (2020) 419-427, DOI: 10.24874/ti.847.02.20.06
2. D. Lokanadham, K.V. Subbaiah, Estimation of Tribological Performance of Al- LSP Composites using Grey – Fuzzy Reasoning Approach, IOP Conference Series: Materials Science and Engineering, Vol.1070 (2021) 012120, doi:10.1088/1757-899X/1070/1/012120.
3. N.Ramesh, D.Lokanadham, N.Tarakeswara Rao “Optimization of MRR and surface roughness for turning of AA6061 using Taguchi method and PSO” International Research Journal of Engineering and Applied Technology,ISSN:0973-0056,Volume:03,Issue:10,pp 1-4,October 2016.
4. B.Jagadeeshbabu,D.Lokanadham “Thermal Analysis of Exhaust Heat Exchanger in Automobile Thermo Electric Generator” International Journal for Research in Applied Science & Engineering Technology,ISSN:2331-9653,Volume:4,Issue X, pp 125-130,October 2016.
5. Gedala Lavanya,D.Lokanadham,M.V.Ramana,Dr.N.Haribabu “Weld Bead Characterization and influence of process parameters of Friction Stir Welds of Dissimilar Materials between AA6061 and AA7175 Al alloys”International Journal of Applied Engineering Research,ISSN:0973-4562,Volume 10, pp 43813-43817,2015.
6. P.K.V.S.Subramanyeswararao,D.Lokanadham,Dr.N.haribabu ‘CFD Studies in catalytic Converter” International Journal of Applied Research and studies,ISSN:2278-9480,Volume 3, Issue 6, June 2014.
7. D.Asirinaidu,D.Lokanadham “Steady State Thermal Analysis of Friction Stir Welded Stringer Panel of an Aircraft Wing” International Journal of Engineering Research and Applications,ISSN:2248-9622,Volume 4, Issue 4, pp 452-460, June 2014.

## **Conferences**

### **International Conferences:**

- 1.D. Lokanadham, K.V. Subbaiah, Assessment of Tribological Performance of Al-Limestone Slurry Waste Powder Composite Using Taguchi Approach, International conference on Design, Automation and Control (ICDAC 2020)on 6-8<sup>th</sup> Jan 2020 at Vellore Institute of Technology, Vellore – 632014 Paper Id: IDAC084471.
- 2.D. Lokanadham, K.V. Subbaiah, Estimation of Tribological Performance of Al- LSP Composites using Grey – Fuzzy Reasoning Approach, Recent Innovations in Engineering and Technology, 04-05, December 2020 | Erode, Tamil Nadu, India, Paper ID: RIET-4045.

3. Lingaraju Dumpala, D.Lokanadham “Low Cost Friction Stir Welding of Aluminium Nanocomposites- A Review”,International Conference on Materials Processing and Characterization,GRIET, Hyderabad.

4. D.Sreeramulu,D.Lokanadham and C.S.P.Rao “Development of Computer Aided Process Planning System for Rotational Components Having Form Features”,International Conference on Soft Computing for Problem Solving,Advances in Intelligent Systems and Computing, IIT,Roorke,Dec-2013.

**Details of Conferences / Workshops / Refresher Courses Organized: --**

**Details of Conferences / Workshops / Refresher Courses Attended:**

**Internal:**

S. No.	Dates	Name of the Programme	Host Institution
1	15 <sup>th</sup> Sep,2020	Webinar on National Education policy 2020	AITAM, Tekkali
2	1 <sup>st</sup> to 5 <sup>th</sup> June, 2020	One week Faculty Development Program on “Advanced Manufacturing Enterprise in Digital Era”	AITAM, Tekkali
3	13 <sup>th</sup> to 14 <sup>th</sup> July,2019	Two Day Workshop on “Outcome Based Education”	AITAM, Tekkali
4	6 <sup>th</sup> to 19 <sup>th</sup> Nov,2017	Faculty Development Program on “Fault Diagnosis, Condition Monitoring and Structural Dynamic Analysis”	AITAM, Tekkali
5	27 <sup>th</sup> Sep to 2 <sup>nd</sup> Oct 2016	One week Faculty Development Program on “Research Potential and Scope in Mechanical Engineering”	AITAM, Tekkali
6	23 <sup>rd</sup> to 25 <sup>th</sup> June,2016	TEQIP II Sponsored Training on “Pedagogy and Management Capacity Enhancement Program for Teaching Staff”	AITAM, Tekkali
7	17 <sup>th</sup> to 21 <sup>st</sup> Dec,2015	Five day Faculty Development Program on “Advances and Applications of Composites,Nano Materials and Nano Fluids”	AITAM, Tekkali
8	09 <sup>th</sup> March, 2015	One Day Workshop on “Outcome Based Education”	AITAM, Tekkali
9	22 <sup>nd</sup> and 23 <sup>rd</sup> March,2013	Two day faculty development program on “New Horizons in Mechanical Engineering”	AITAM, Tekkali
10	30 <sup>th</sup> to 31 <sup>st</sup> March,2012	Two day national level Staff Development Program on “Computational Fluid Dynamics and its Applications”	AITAM, Tekkali
11	21 <sup>st</sup> to 25 <sup>th</sup> Feb,2011	Mission 10X workshop	AITAM, Tekkali

**External:**

<b>S. No.</b>	<b>Dates</b>	<b>Name of the Programme</b>	<b>Host Institution</b>
1	29 <sup>th</sup> Oct to 03 <sup>rd</sup> Nov, 2018	Faculty Development Programme under TEQIP-II on “Advances in Materials and Manufacturing Processes”	JNTUK, Kakinada
2	1 <sup>st</sup> to 3 <sup>rd</sup> Nov, 2017	3 day Workshop on ”Computational Techniques and Mathematical Modelling for Academia and Industry”	NIT, Rourkela
3	11 <sup>th</sup> to 15 <sup>th</sup> July, 2016	Five-Day Short Term Course on “Essential Techniques for Research Problems in Manufacturing and Measurements”	NIT, Warangal
4	23 <sup>rd</sup> to 28 <sup>th</sup> March, 2015	Faculty Development Programme under TEQIP-II on “Achieving Academic Excellence”	IIM, Raipur
5	10 <sup>th</sup> to 11 <sup>th</sup> July, 2014	A Short term Course on” FRP Composites :Overview ,Characterization ,Analysis and Applications”	IIT, Hyderabad
6	2 <sup>th</sup> to 8 <sup>th</sup> June , 2014	One Week Faculty Development Programme on “Advanced Welding Engineering and Technology”	CIT, Coimbatore
7	12 <sup>th</sup> to 25 <sup>th</sup> September , 2013	AITCE Sponsered Faculty Development Programme on “Tool Design and Manufacturing”	VITS, Kavali
8	25 <sup>th</sup> June to 6 <sup>th</sup> July , 2013	AICTE Sponsered Faculty Development Programme on “Characterization of Materials and Processing of High Strength Materials”	GRIET ,Hyderabad
9	17 <sup>th</sup> to 29 <sup>th</sup> May , 2010	Twelve Day AICTE Staff Development Programme on “Alternate sources of energy and Alternate automobile fuels”	JITM, Parlakemundi ,Orissa
10	6 <sup>th</sup> to 8 <sup>th</sup> September , 2001	Three Day Workshop on “Production Drawing for Mechanical engineers”	GVP College of Engineering ,Visakha patnam

**Certifications:**

1. Got certified with Elite+Gold (95%) and Top 1% from NPTEL online certification course (12 Weeks) on “Strength of Materials” conducted by IIT, Kharagpur in Jul-Oct 2018.
2. Got certified with Elite+Gold (91%) and Top 2% from NPTEL online certification course (8 Weeks) on “Accreditation and Outcome Based learning” conducted by IIT, Kharagpur in Aug-Oct 2019.

3. Got certified from coursera online certification course on “Introduction to Engineering Mechanics”( 3 week) in May 2020
4. Got certified from coursera online certification course on “Applications to Engineering Mechanics”( 3 week) in May 2020
5. Got certified from coursera online certification course on “Introduction to Thermodynamics”( 3 week) in May 2020
6. Got certified from coursera online certification course on “Mastering Statics”( 3 week) in May 2020
7. Got certified from coursera online certification course on “materials Science”( 3 week) in May 2020
8. Got certified from coursera online certification course on “Materials Processing”( 3 week) in June 2020
9. Got certified from coursera online certification course on “Mechanics of Materials-I”( 3 week) in May 2020
10. Got certified from coursera online certification course on “Mechanics of Materials-II”( 3 week) in May 2020
11. Got certified from coursera online certification course on “Mechanics of Materials-III”( 3 week) in May 2020
12. Got certified from coursera online certification course on “Mechanics of Materials-IV”( 3 week) in May 2020

**Other Achievements:**

1. Ratified as an Assistant Professor in February 2012 of JNTUK selections.
2. Question Paper Setter for different autonomous colleges.
3. Guest faculty for the subject “Mechanics of solids” at St. Theresa Institute of technology, Garividi.

Signature