

**KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY**  
**Narayanaguda, Hyderabad-500029**

**FACULTY PROFILE**

photo



1. NAME : Dr.S.Udayalaxmi
2. JNTUH REGISTRATION ID : 3362-150407-222638
3. DATE OF BIRTH :28-11-1977
4. DESIGNATION : Assistant Professor
5. YEARS OF EXPERIENCE :16 years
6. UG DEGREE : B.Sc [MPC]
7. PG DEGREE :M.Sc Tech Physics[Fiber Optics and Optical Communication]
8. Ph.D(AREA OF THE PH.D WORK) : Satellite Based Aerosol Optical Depth Retrieval
9. SUBJECTS TAUGHT :
- Engineering Physics I
  - Engineering Physics II
  - Applied Physics
  - Data Communication

**10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:**

- i. Corollaries of Point spread function with Asymmetric Apodization , International Journal of Optics, Volume no:2016, Article ID 1347071

**11. PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:**

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	Seasonal Variability of Aerosol Optical Depth using MODIS over North Indian Ocean	ISPRS TC VIII, Midterm symposium	ISPRS-P37, Commission VI, WG/4
2	Importance of Aerosol optical depth in the atmospheric correction of ocean colour remote sensing data	Open Journal of Marine Science, 2017, 7	100-108, ISSN online: 2161-7392

**12. PAPER PUBLICATIONS IN NATIONAL CONFERENCES:**

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	Characterization Of Ba(NO <sub>3</sub> ) <sub>2</sub> ,KNO <sub>3</sub> pure and Distinct system	Rasayan journal.co.in Vol.11,No.4,1624-1627,	ISSN: 0974-1496 e-ISSN: 0976-0083

**13.CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL: APPLIED PHYSICS LAB INCHARGE, MENTORING, COURSE FILE INCHARGE, PREPARED LAB MANUAL AND SUBJECT NOTES FOR KMIT ONLINE****14.CONTRIBUTIONS AT THE COLLEGE LEVEL:**

Grievance committee head for NAAC , Headed Publication committee, professional body committee , anti sexual harassment committee For NBA, present Head of the Student Counselling Committee

**15. REFRESHER COURSES/ WORKSHOPS/ CONFERENCES ATTENDED:**

	<b>Attended:</b>			
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	National Conference on Driving Sustainable Development Through Higher Education in the wake of Covid-19 Pandemic	ONLINE	One day June 10th, 2020	RBVRR, MCRHRDIT, Hyderabad
2	FDP ON Advanced Nanomaterials & Their Engineering Applications	ONLINE	One week 3rd to 8th Aug, 2020	GMRIT, RAJAM, AP
3	<i>FDP on Engineering Physics and Materials Science</i>	ONLINE	5 Days 03-08-2020 to 07-08-2020.	CBIT, HYDERABAD
4	E-WORKSHOP On “Materials processing and Technology”	ONLINE	27 <sup>th</sup> June 2020	MGIT ,Hyderabad
5	International Webinar on Smart Materials for Sustainable Development (IWSMSD-2020)	ONLINE	12th & 13th July 2020	(SVIS), Indore, Madhya Pradesh, INDIA
6	International Webinar on Impact of COVID-19 on Higher Education ,Challenge and Opportunities	ONLINE	4th July 2020	LEADINDIA Foundation, USA

7	<b>FDP on Materials: Recent Trends &amp; Engineering Applications</b>	ONLINE	02 - 07 June 2020	GRIET,Hyderabad
8	FDP on Virtual Physics Lab	ONLINE	5 days , 20-05-2020 to 24-05-2020.	GCET,HYDERABAD

**16. MEMBERSHIP OF PROFESSIONAL BODIES:** Life **Member OF ISC**

**17. ANY OTHER CONTRIBUTION:** , Actively took lead and participated Events like Varalaxmi Vratam,Batukamma,Dandiya,Rangoli for KMES