



Department of Physics  
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## MD. KHALEELUR RAHIMAN

## GUEST FACULTY

**CURRENT DESIGNATION/ INVOLVEMENT** Currently working as an **Guest Faculty** in Department of Physics, School of Sciences, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India.

**AREA OF SPECIALIZATION** Atmospheric Oscillations

### ONGOING ACADEMIC RESEARCH/PROJECTS

### INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS

**ACADEMIC AND ADMINISTRATIVE EXPERIENCE** Worked as Guest Faculty in Polytechnic, MANUU, Hyderabad from 2009 to 2018  
Worked as lecturer in S.V. degree college, Anantapur (2005-06)  
Worked as lecturer in Siddhartha. degree college, Kamareddy (2004-05)  
Worked as lecturer in Al-Ameen college, Bangalore (2000-01)  
Worked as lecturer in NFG college, Bangalore (1999-00)  
Worked as lecturer in B.E.T college, Bangalore (1997-99)

**EDUCATIONAL QUALIFICATION** ▪ **DOCTOR OF PHILOSOPHY (Ph.D.), 2019**  
Physics, JNTUA, Anantapur, A.P, India  
APSET(2012), B.ED(2001-02)

**TEACHING PROFICIENCY** General Physics, Electronics, Atmospheric Physics

**RESEARCH PUBLICATION DETAILS**

1. "Study of Annual and Semiannual Amplitudes over India from FFT Spectra of Atmospheric Lifted Index Using Singular Spectrum Analysis (SSA)", Talat Parveen<sup>1</sup>, Shaik Abdul Muneer, Rehman. M.K, Aleem Basha.H, Applied Ecology and Environmental Sciences, 2022, Vol. 10, No. 4, 174-183, March, 2022. DOI:10.12691/aees-10-4-1.
2. "Intrinsic Frequency Components Observed in CAPE over India using EMD and Lomb-Scargle periodogram", Md.Khaleelur Rahiman,

H.Aleem Basha and K.Thyagarajan, IJETS, ISSN 23943386, Vol 4, Issue 11, November 2017.

3. "Trends of Stability Indices Over Different Meteorological Stations of India by using IGRA Radiosonde data", Md.Khaleelur Rahiman, H.Aleem Basha and K.Thyagarajan, Volume 4, Issue 12 JETIR (ISSN-23495162), December 2017.

4. " Convective Available Potential Energy Variability Over India", Md.Khaleelur Rahiman, H.Aleem Basha and K.Thyagarajan, Vol 4, Issue 12 JETIR (ISSN 23495162), December 2017.

5. "Response of tropical lower atmosphere to annular solar eclipse of 15 January 2010", Gopa Dutta, P.Vinay Kumar, M.Venkat Ratnam, Salauddin Mohammad, M.C.Ajay Kumar, P.V.Rao, K.Rahaman, H.A.Basha, J. of Atmos. and Solar Terrestrial. Physics Elsevier Publications 2011, Volume 73, Issue 13, p. 1907-1914.

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DETAILS OF  
CONFERENCE/SEMINAR  
/WORKSHOP/ FDP  
(ATTENDED/PRESENTED)

Presented the topic "Intrinsic Frequency Components Observed in CAPE over India using EMD and Lomb-Scargle periodogram", in the conference at Institution-of-Engineers(IEI), Hyderabad on 3 December 2017 and published in IJETS, ISSN 23943386, Volume 4, Issue 11, November 2017, by Md.Khaleelur Rahiman, H.Aleem Basha and K.Thyagarajan.

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DETAILS OF KEYNOTE  
SPEAKER/RESOURCE  
PERSON/ SESSION CHAIR  
ETC.

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ACHIVEMENTS 1.

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DETAILS OF SUPERVISION  
(M.PHIL/M.TECH/P.HD.)

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PROFESSIONAL  
MEMBERSHIPS

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PERSONAL DETAILS

**Father's Name** : Y.MD. OSMAN  
**Date of Birth** : 07-01-1973  
**Gender** : Male  
**Marital Status** : Married  
**Nationality** : Indian  
**Language** : English, Urdu, Hindi and Telugu  
**Known**

Etc..

Date: 29-06-2022

Place:Hyderabad

MD. KHALEELUR RAHIMAN

*(Your Full Name Here)*

[Last update on: 05<sup>th</sup> Sept