

CURRICULUM VITAE



K. RAVI CHANDRA, M.Sc. (Tech.), (Ph.D)
S/O K. RADHA KRISHNA (Late)
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CAREER OBJECTIVE:

To pursue a challenging career and to be a part of reputed organization that recognize & enhance my caliber, knowledge and potential to full extent, with sheer dedication and hard work, I aspired to undertake the original and dedicated position in this organization.

ACADEMIC PROFILE:

Qualification	University/Board	Year of Passing	Percentage
Ph.D	Department of Electronics and Physics, Institute of Science, GITAM University, A.P.	December -2017, Submitted (awaiting for award)	-----
M.Sc.(Tech.) Geophysics	Department of Geo-Physics Andhra University, A.P.	April- 2008	80.14%
B. Sc. (MPC)	Andhra University, A.P.	April- 2005	87%
Intermediate (MPC)	Board of Intermediate Education, A.P.	March- 2001	92.5%
SSC	Board of Secondary Education	March - 1999	68.16%

TEACHING EXPERIENCE

- Presently working as an **Assistant Professor-on-contract in Geophysics** (from 2014 onwards), in the Dept. of Geosciences Dr. B.R. Ambedkar University, Etcherla, Srikakulam.
- Worked as a **Teaching Associate in Geophysics** for one year (2010-11), in the Dept. of Geosciences, Dr. B.R. Ambedkar University, Etcherla, Srikakulam
- Worked as a **Physics faculty** for B.Sc. (Physics) in Prabha degree & PG College for one year (2010), Visakhapatnam.
- Worked as a **lecturer in Physics** for Intermediate (EAMCET, AIEEE, IIT) and B.Sc (Physics) in SASI educational institutions, Velivenu, Tanuku for one year (2009-10).

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RESEARCH EXPERIENCE

- Worked as a **CSIR Junior Research Fellow (JRF / full-time)** for two years (2011-13) on the topic, “**Magnetic analysis of fine-grained particles of anthropogenic origin and their relationship with their geochemical parameters in Visakhapatnam city, Andhra Pradesh, India**”, under the guidance of Dr. G. Srinivasa Rao, Department of Physics, Institute of Science, GITAM University, Rushikonda, Visakhapatnam.
- Worked as part-time research scholar (2014-17) under the guidance of **Dr. G. Srinivasa Rao**, Department of Physics, Institute of Science, GITAM University.
- Submitted my Ph.D thesis on “**Magnetic monitoring of environmental pollution in Visakhapatnam city, Andhra Pradesh, India**”, on 23-12-2017, in the Department of Electronics and Physics, Institute of Science, GITAM University.

ADMINISTRATIVE / INDUSTRIAL EXPERIENCE

- Working as **Course Coordinator I/c**, Department of Geosciences, Dr. B.R.Ambedkar University, Etcherla, Srikakulam for the academic year 2014-15.
- Associated with “**The ANDHRA SUGARS Group of Industries**” & **MULLAPUDI Group of Estates and Companies Ltd.**, Venkatarayapuram, Tanuku, West Godavari District, A.P., India.

AREAS OF SPECIALIZATION

- Geomagnetism (Rock & Environmental Magnetism) in research discipline
- Gravity & Magnetics, Electrical & Electromagnetic methods, Seismics in teaching discipline

RESEARCH PUBLICATIONS

- Environmental magnetic and geochemical characterization of atmospheric particulate dust in Visakhapatnam city, India: A new technique of textile monitoring of pollution, Journal of Emerging Technologies and Innovative Research, Volume No:4, 649–658.
- Pollution-Related Magnetic Signature of Atmospheric Particulate Suspended Dust collected by Cloth Samplers in Visakhapatnam City, India: A new Tool for Detecting and Monitoring Sources of Air Pollution”. International Journal & Magazine of Engineering, Technology, Management & Research, Volume No: 4 (2017), 278–284.
- “A study on magnetic susceptibility of suspended dust-loaded yellow flamboyant leaves (Peltophorum peterocarpum) for understanding pollution levels in industrial and residential zones of Visakhapatnam city, India”, International Journal & Magazine of Engineering, Technology , Management & Research, Volume No: 4 (2017), 523–530.
- “Magnetic susceptibility mapping of top soils using MS 2D loop probe to monitor varying pollution anomalies of industrial and residential zones of Visakhapatnam city, India”, International Journal & Magazine of Engineering, Technology , Management & Research, Volume No: 4 (2017), 531–538.
- “Seismic events identification below the surface by using 3D Seismic data acquisition & processing techniques in Ramnad Sub- Basin, Chennai, ONGC”, International Journal & Magazine of Engineering, Technology , Management & Research, Volume No: 2 (2015), 390-398.

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AWARDS / FELLOWSHIPS / PATENTS

- I have been awarded **Junior Research Fellowship** from CSIR, New Delhi through Joint CSIR-UGC National Eligibility Test (NET) in the discipline earth atmospheric planetary and ocean sciences (2010).

SEMINARS / CONFERENCES / WORKSHOPS

- Participated in the 7th International conference and exposition on Petroleum Geophysics, 'Hyderabad – 2008', by Society of Petroleum Geophysicists (SPG), India.
- Participated in the national conference on "Geosciences and water resources for sustainable development (February, 2011), Dept. of Geophysics, Andhra University, Visakhapatnam.
- Participated in the national seminar on "Hydrology" with special colloquium on "Management of rural water resources (July, 2011)", in the Dept. of Geosciences, Dr. B.R.Ambedkar University, Etcherla, Srikakulam.
- Participated in the National seminar on "Peaceful applications of atomic energy", jointly organized by GITAM Institute of Science & Dept. of Atomic energy (February, 2012), Department of Electronics / Physics, Visakhapatnam.
- Participated in the National Science Exhibition – 2018, jointly organized by "National Research Development Corporation, New Delhi & PULSUS, Hyderabad", at Dr.B.R.Ambedkar University, Srikakulam. (28th February, 2018)
- Participated in the National seminar on 'Hydrology' with a colloquium on 'Nature based solution to water challenges' jointly organized by Association of Hydrologists of India (AHI) and Department of Geophysics & Geology, A.U., Visakhapatnam (March 2018).
- Completed the 02 day training course on "Preparation of village level aquifer management plan", held at Etcherla, Srikakulam district, A.P., by Central Ground Water Board.
- Participated in the National seminar on 'Rural Development in India: Issues and Challenges with Special Reference to Andhra Pradesh', organized by Department of Rural Development & Economics, Dr.B.R.Ambedkar University, Srikakulam. (30th April, 2018)
- Participated in the National seminar on 'Recent Developments in Mathematics and It's Applications – 2018 (RDMA - 2018), organized by Department of Mathematics, Dr.B.R.Ambedkar University, Srikakulam. (21 – 22nd December, 2018)

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ACHIEVEMENTS:

- Intermediate Town second, achieving silver medal (Brilliants Junior College, Tadepalligudem, West Godavari District, A.P)
- Andhra University topper in B.Sc. (M.P.C) in first year Chemistry
- Qualified Joint CSIR-UGC NET-2010 and achieved 26th rank in “Earth Atmospheric Planetary And Ocean Sciences (Geophysics stream)” for junior research fellowship and eligibility for lectureship.

PERSONAL DETAILS:

DATE OF BIRTH : 2nd June 1984
MARITAL STATUS : Single
NATIONALITY & RELIGION : Indian & Hindu
CATEGORY : OC - General (Kamma / Chowdary)
NATIVE PLACE : Tanuku, West Godavari district, A.P.
LANGUAGES KNOWN : English, Telugu and Hindi
PRESENT DESIGNATION : Assistant Professor on contract, Dept. of Geosciences, Dr. B. R.A.U.

REFERENCES:

1. **Prof. P. Rajendra Prasad (Rtd.),**
Sir Arthur Cotton Geospatial Chair Professor,
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E-mail: rpatary@yahoo.com

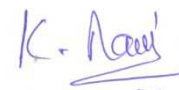
2. **Dr. Nathani Basavaiah,**
British Council and AvH Fellow,
Professor – F,
Indian Institute of Geomagnetism
Kalamboli, New Panvel,
Navi Mumbai – 410 218, India.
Mobile: 9969626554
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3. **Dr. G. Srinivasa Rao,**
Assistant Professor,
Department of Physics, GIT,
GITAM University,
Rushikonds, VSP – 530 045.
Mobile: 9849494343
E-mail: srgoddu@yahoo.com

DECLARATION:

I, hereby declare that, the information given to you on this Curriculum Vita is correct to the best of my knowledge and belief details related to me have been accurately furnished and that I possess the qualifications, which I claim to hold.

Place: Etcherla,
Date: 01-02-2019.



(K. RAVI CHANDRA)