

PROF M JAGANNADHA RAO

M.Sc. (Tech), MS (USA), Ph.D., SME (USA)

Former Vice - Chancellor, Adikavi Nannaya University, Rajamahendravaram-533296. (2020-2023)

Present Address:

Emeritus Professor, Department of Geophysics, Andhra University, Visakhapatnam, 530017.

Mobile: +91 9849798978,

Email: mjrao.geology@gmail.com

Mjrao.geology@andhrauniversity.edu.in

DoB: 19th May 1959

Overview:

Over three decades of experience in teaching and research as a faculty member of Geology Department and served in various capacities including Professor and Head of the Department, Andhra University. My academic qualifications encompass a Master of Science in Technology, a Master of Science in Engineering (USA), and a Ph.D. I have successfully obtained substantial funding from organizations such as ONGC, OIL, Reliance Petroleum, DST, DOD, and APMDC for my research projects. I have a prolific record of authored publications and published over 150 scientific articles in various refereed journals. My passion for research further fuels my dedication resulted in meaningful contributions in the form of patents and publications. As an International Student Advisor, I was instrumental in initiating foreign students' admissions and earned substantial revenue to the university, and established MOUs with various international educational institutions.

Being a former Vice Chancellor and holding other impactful administrative positions, my experience brings a wealth of expertise in policy implementation, research, innovation, patenting and required knowledge related to national and international certifications of accreditations.

Education:

1985	Ph. D (Coastal Geology) Andhra University A.P.	-
1995	M.S. Engg. (Mineral Preparation & Geology Engineering), University of Alaska USA.	3.75 GPA on 4.0 Scale
1989	P.G. Diploma (Applied Statistics) Andhra University A.P.	First Class with Distinction
1981	M.Sc Tech (Applied Geology) Andhra University, A.P.	First Class with Distinction II RANK
1978	B.Sc (Geology, Physics, Chemistry) Andhra University, A.P.	First Class

Professional Experience:

Held Earlier	
Vice-Chancellor 2020-2023	Adikavi Nannaya University, Rajamahendravaram.
Director 2018-2019	Information Management Centre, Andhra University, Vishakhapatnam, AP
HOD Jan 2019- Dec 2019	Department of Geology, Andhra University, Vishakhapatnam, AP
Dean Jan 2019- Dec 2019	PG & Professional Examinations, Andhra University, Vishakhapatnam, AP
Chairman 2012-2019	Board of Studies, Dept. of Geosciences, Ambedkar University, Srikakulam, AP
Director 2005-2009	International Students Affairs, Andhra University, Vishakhapatnam, AP
Director 2010-2014	Delta Studies Institute, Andhra University, Vishakhapatnam, AP

Patents:

- **Title of the Patent Awarded: Prediction and Exploration System of locating Mineral and Fuel Resources in Oceanic Environments.**
Patent No. 561350, Date of filing: 20-02-2019
- **Title: Portable Biosensor for Type2 Diabetes.**
Application ID: 201941016562
(Under Consideration)
- **Title: Nanostructured FeTiO₃ perovskite for beta backscattering and gamma radiation absorption.**
Application ID: 202321006099
(Under Consideration)

International Exposure:

Visited the University of Alaska, Fairbanks, USA and spent nearly two and half years as Graduate Research Assistant and worked with Prof. Daniel E. Walsh at the Mineral Industry Research Lab on “The development of environmentally friendly Coal Water Fuels (CWF’s)”.

Research Outcome:

PhD Guidance	35 – Awarded 02 – Ongoing
MSc/ MTech Projects Guidance	34
Research and Consultancy Projects	08
Publications	150 (Published in Journals) 40 (Presented in International &National Seminars)

Earlier Selections:

1. **Civil Services, Group B Service, UPSC Exam, 1985**
2. **Geologists Exam, All India 11th Rank, UPSC Exam, 1983**

Honours & Appointments:

1. **Member, Advisory Board on KG-PG Basin, ONGC, Chennai-2011-2014.**
2. **Member, International Geological Correlation Group, National Working Group, Environmental Catastrophes.**
3. **Member, NAAC, Bangalore.**
4. **Management Board Member** of a Number of Educational Institutions of AP and Telangana.
5. **“Scientist of the year 2017”,** by National Environmental Science Academy (NESI), New Delhi.
6. **“Dr. Sarvepalle Radha Krishnan Award, Best Academician of the year 2019”,** by Andhra University. **Member,** Expert Committee appointed by APPCB, Govt. of AP.

International Visits:

- **University of Alaska**, Fairbanks, USA.
- **Washington State University**, Pullman, Seattle, USA.

Achievements as the VC:

As the Vice Chancellor of AKNU (January 2020 to 2023), the following milestones have been achieved:

Certifications:

1. **Achieved NAAC B+ accreditation** for this young University through academic discipline, research initiatives and administrative even during COVID-19.
2. Attainment of **ISO 9001:2015 Certification** making the University streamline the academic and administrative processes.
3. Attainment of **AICTE Approval** for Engineering and Management courses to immensely help the students attain necessary internships and trainings.
4. Attainment of **Asia Book of Records and India Book of records** for being the Fastest University to conduct 100 Webinars.
5. Attainment of **ISO 14001:2015** Green and Environment Award for AKNU.

Infrastructural Achievements

1. Attainment of funds of **Rs 8 Crores Khelo India Project Funds** from Sports Authority India for development of sports infrastructure.
2. Establishment of **International Students Cell** to help students from foreign pursue their academics in the University.
3. Developed **Biodiversity Park** in collaboration with AP Biodiversity Board at AKNU MSN Campus, Kakinada.

4. Installed of **Smart Classrooms with Video Capture Technology** to facilitate online classes and development of e-resources.
5. Initiated **Payment Gateway** for efficient collection of fees through university web portal.
6. Installed and provided **Free unlimited Wi-Fi** in all campus buildings and Hostels.
7. Multiple **Green measures** including **Plantation drives, Rain water harvesting** and **paperless office** were initiated.

Records & MOUs

1. Achievement of **India Book of Records & Asia Book of Records** for being the “Fastest University to conduct 100 Webinars.”
2. Developed and initiated the **Inter-University Collaborations** and work as a Cluster of Universities with JNTU Kakinada and Dr YSR Horticultural University Tadepalligudem.
3. Signing of **MOU with STPI** (Software Technology Parks of India) to develop incubation center for skill development of the students in the University premises.

Innovations & Enhancements

1. Launched **AKNU Learning Management System** for students to access learning resources virtually via University Web Portal.
2. Initiated **UGC NSQF PG Diploma Courses** in Arts, Sciences and Engineering in the University.
3. Developed of **Complaint Management System** – a grievance redressal mechanism to ensure that student amenities are maintained and student related issues are resolved.
4. Development and launching of **In-house App for Student Support Services** to manage flow of information between University and students.
5. Initiated of **Departmental Wall Journals** to foster creative thinking among the students and to provide information on the trends in their department domain.
6. Launched of **Student Feedback System** to collect feedback on University faculty and services from students.
7. Developed **Open Air Classes Vinuthna** for conduct of classes in an open environment in the University campus.
8. Initiated **Eklavya** program was initiated to train the hostel students in Language and Computer skills.
9. **AKNU** is now a **Ragging-free** campus as a result of many initiatives.
10. **Online Exam paper delivery and Payment Gateway**