

## **BRIEF PROFILE OF PROF. BALAJI RAO RAVURI**

Dr. BALAJI RAO RAVURI (Professor, Dept. of Nanoscience and Materials, CUJ) focuses his research expertise on inexpensive materials for sodium-ion batteries, including advanced electrode material synthesis, pouch cell design and assembly for EVs/HEVs, and, Hydrogen storage using High entropy materials. He authored more than 60 articles in high-impact journals with H-index 13, and three patents. He received financial support from various international and national funding agencies such as NSF (USA), NRB, DRDO, BRNS, DAE, GITAM, and the Crystallographic Society of India. As a Visiting Researcher, he visited Georgia Institute of Technology, USA, CNRS laboratories, France, and KMITL University, Thailand. Contributions towards research and teaching recognized as a fellow of “The National Academy of Science” and recipient of the “Best Researcher Award.” He supervised 8 Ph. D. theses, and 14 PG project dissertations. He serves on the Editorial Board of several international journals published by ACS, Wiley, Elsevier, Springer, Taylor and Francis, etc. He is a life member of the National Science Congress, the Indian Physics Teachers Association, the Rare Earth Association of India, Society for Materials Chemistry (DAE) etc.

1. Name :- **BALAJI RAO RAVURI**
2. Qualification :- M.Sc., M.Phil., Ph.D ( ANU, AP),
3. POST DOC :- Georgia Institute of Technology, USA
4. Present Designation :- Professor
5. Name of the organization in which presently working :- Central University of Jammu, JAMMU
6. Field of specialization :- Energy Materials and High Entropy Alloys
7. Teaching Experience
  - (1) Diploma level 0 years.
  - (2) Graduate level **15** years.
  - (3) Post Graduate level 05 years.
  - (1) Supervised **14** Number of ME. M.Tech. theses
  - (2) Supervised **08** Ph.D theses + 04 ( Submitted)+5 (Working)

8. **Projects handled** : **(05) (Worth of INR: 100, 00,000)**

**Details of projects**

**NSF (USA)-01**  
**NRB, DRDO-01**  
**BRNS, DAE-01**  
**Crystallographic Society of INDIA -02**

9. **Research work & publications ( Scopus indexed)**

	Journals	Invited talks/ papers presented at conferences
National	03	41
International	58	14
Column Total	<b>61</b>	<b>55</b>

10. **Research Collaborations** :-

**INDIA**

NMRL\* (Dr. Ch. Srinivasa Rao)  
 BARC (Dr. Dimple P Duta).  
 DMRL (Dr. Partha Ghoshal)  
 DRDL (Dr. Ananya Ghoshal)  
 NITR (Dr. N.V.S. Naidu)

**ABROAD:**

Prof. Rosario A. Gerhardt Group (**Georgia Tech USA**),  
 Prof. Federic Smekthala, **CNRS, France**,  
 Prof. Palani Bala, NUS, **Singapore**  
 Prof. Mitra, **Indonesia**  
 Prof. Wisanu, **KMITL, Thailand**,

11. No. of abroad visits : 07 (As a Visiting/Research Scientist)
12. No. of Ph.Ds guided : 08 (Awarded)+ 4 (Submitted)+ 5 ( working)
13. No. of reputed Awards : 02 ( Best teacher and researcher)
14. No. of Patents Published/ Granted : 03
15. Member in reputed academic bodies ; 08
16. Membership in the reputed professional bodies: 05
17. No of Books/ Book Chapters Published : 02
18. No of journals as a reviewer : 14 ( RSC, ELSEVIER, WILEY, SPRINGER)
19. Editorial board member : 06 ( SCOPUS INDEXED)

