

Faculty Information

Brief Profile of Faculty in Less than 500 words



Dr. J. Venkateshwara Rao, M.Sc. B.Ed, M.Tech, Ph.D, Post Doc (USA), BOYSCAST Fellow, is an Asst. Professor in Dept of Zoology, Nizam College, Osmania University, joined in Osmania University in 2007. Prior to joining here he worked as Head of the Department (2002-03) at Malla Reddy Engineering College, Gundlapochampally, Medchal and taught B.Tech Biotechnology courses. Then he moved to JNTU, Kukatpally as Faculty member and taught to both M.Sc and M.Tech courses while pursuing his Ph.D program in Animal Biotechnology. During this period he established world class laboratories of Molecular Biology and Bioinformatics with advanced softwares as funds received from TEQIP. He worked with NATCO Pharma on Cancer Drugs and Published several international papers in reputed Molecular biology Journals. During his tenure he worked in collaboration with ICRISAT, CCMB, IICT and University of Hyderabad to have academic as well as research. After Joining in Nizam College he served as Vice Principal, Hostel and Scholarships (2009-10) and in 2009 he got Young Scientist and Investigator award from DBT under DBT-RGYI and in 2010 got most prestigious DST BOYSCAST fellowship to pursue research in advanced areas. He went to Virginia Commonwealth University, Richmond and conducted advance research in Signal transduction cascades in smooth muscle cells of Gastrointestinal Muscles. During his tenure he met with advance technologies in USA and participated in several conferences. After fellowship he moved backed to India and joined in Dept and worked as Academic Coordination (2010-2011). Then as Coordinator for Both Biotechnology and Genetics Departments and Represented as DBT- Star College Coordinator of Govt of India. During 2013 he got Ramalingaswamy Fellow from DBT and worked on Alcohol induced Cancer mechanisms. He completed UGC minor Research Project, DBT-RGYI project, APCOST project, DST-BOYSCAST project, DBT-Ramalingaswamy Project and DBT- Star College Programme. In 2015 he took charge of Controller of Examination of Nizam college and completed his tenure successfully and served for 3 academic years. In 2017 he took Head in chargeship at Dept of Nizam College and serving to B.Sc and M.Sc courses. He served as Nodal Officer of MHRD Since 2009 and served for the college. He selected as Swachh Bharat Nodal Officer (2018) and implementing the Summer Program Campaigns. He implemented project works for the first time for M.Sc Zoology Course at Nizam College.

Faculty Information

Detailed CV



1. Personal Details

Name of the faculty	J Venkateshwara Rao
Gender	Male
Department	Zoology
PAN	AIVPJ4458L
Designation	Asst.Professor Selection Grade
Qualification	M.Sc. B.Ed, M.Tech, Ph.D, Post Doc (USA), BOYSCAST Fellow, FIAAB.
Date of Joining (Submit Appointment Letter)	17-05-2017
Date of Birth	22-08-2017
Category	OC
Mobile Number	7702355472
E-Mail Id	Ven_bio@yahoo.com
Address	Flat no:302, Pavani Residency, Near HDFC bank, Pet Basheerabad Secunderabad

2. Academic details:

Degree	Qualification	Month and Year of Passing	Division	% of Marks	Univ/Board/ Institution with State
PG (M.A./M.Com/ M.Sc/M.Tech/ MBA/ MCA/Any other)	M.Sc	April 1997	First	69	Nizam College, Osmania University
CSIR/UGC-NET /SELT/Any other	UGC- CSIR NET	2002			
Any other	M.Tech	April 2002	First	69	
Research details	Title of Thesis			Month and Year of award	Univ/Board/ Institution with State
M.Phil					
Ph.D	Cloning and Expression of IL-10 family Interleukins in E.coli			2009	JNTU, Hyderabad
Post Doctorial/ D.Sc./D.Litt.	Signal Transduction cascades in Smooth Muscle Cells of Gastrointestinal Tract of Human			2011	Virginia Commonwealth University, USA
Any other	Fellow of Indian Association of Aquatic Biologists IAAB			2009	IAAB Hyderabad
*Please provide the scanned copies of certificates					

3. Teaching Experience: Total: 16 yrs UG: 16 yrs PG: 16 yrs

4. Academic Promotions:

Designation	Month and Year of Promotion
Assistant Professor Senior Scale	May 2011
Assistant Professor Selection Grade	May 2016
* Please provide order copies	

5. Resource persons:

Guest Lectures/ Extension Lectures	No. of Lectures	Name of Program	Organization / Institution	Date and Year
Guest Lecture	4	Orientation Program	Nagarjuna Govt Degree college	9-8-2016
Extension Lecture	3	Extension Lecture	Govt City College. Hyderabad	14-02-2015

6. Carrier Development Programs: Orientation Course/ Refresher courses/Short Term Course/Faculty Development Programme

Course attended	Institution /University	Title of the Professional Development Programme	Duration	
			From	To
UGC refresher course	Osmania University	UGC Sponsored Refresher course	28-12-15	20-1-2016
UGC refresher course	Osmania University	UGC Sponsored Refresher course	8-12-11	28-12-2011
* Please provide the certificates				

7. Research Details:

Research Experience (No. of years):	
Area of research :	
Supervisor for M.Phil/Ph.D	Applied

(Guideship Letter)			
No of students working/Registered	Ph.D: F: M:		
No. of students with fellowship (JRF)	M:	F:	Total:
No. of students with fellowship (SRF)	M:	F:	Total:
No. of students with fellowship (Project fellow)	M:	F:	Total:
No. of students with any other fellowship	M:	F:	Total:
No of students working for M.Phil.	M:	F:	Total:
No of students working as Post.docs.	M:	F:	Total:
No of students working as RA	M:	F:	Total:
No. of M.Phil/Ph.D. Produced	Ph.D: M: F: Total:		M.Phil: M: F: Total:
Name of Students awarded. M.Phil/Ph.D	Title of Thesis	Month and Year of Registration	Month and Year of Award
1.			
2.			
* Please provide the list of students registered, along with their category and fellowship details			

National:

8.1 List of publications(## If possible use MS-Excel file which is attached as separate file) – Excel sheet provided

[illegible]

9. List of Publication in Conference proceedings:

SNo	Title of Paper	Name of Conference	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1							
2							
* please provide the PDF or scanned copy of the articles along with ISBN no. and DOI							

10. List of Books Published:

S.No	Title of Book/Chapter	Edited/ Authored	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1	Alcoholic Hepatototoxicity: Symptoms and Managements	Author	Nova Publisher	Nova USA 2015	31938-7X10	International	Nizam College
2	Cell and Molecular Biology, Genetics and Evolution IV Sem BSC. Telugu Academy	Author	Telugu Academy	Telugu Academy	2016 (Under Press)	State	Nizam College

* please provide the PDF or scanned copy of the first page along with ISBN no.

11. Member on editorial board or referee for national/international

S.No.	Name of the Journal	Status on the editorial Board	ISSN Number	Periodicity of Publication	Month and Year of Inception of Journal	Impact factor
1	Pentagram Research Center	Editor	0973-4864	3 months	2007	3.2
2	Future Brain	Mentor	NA	Montly	2014	NA

* Please provide the certificates or e-Copy of letter from editor or editorial board

12. No. of Papers Presented in Conference/workshop/seminars: (Oral/Poster)

SNo	Title of the paper	Name of Conference/ workshop/ Seminars	Oral/Pos ter	Organized by	Date and year	State/National /International	Oral/ Poster
1	Cloning Over Expression Purification and Characterization of Human Recombinant Interleukin IL 28-A in E.coli	International Conference On Systemics, Cybernetics and Informatics ICSCI-2012	Oral	Pentagram Research Center	15-18 Feb 2012	International	Oral
2							
* Please provide the certificates							

13. Conferences/ workshop/ seminars/Training Program etc organized.

SNo	Name of the Seminar	International/ National/State/Universi ty/College level	Date	No. of papers presented	No. of Participants		Source of funding/ Sponsorin g Agency
					Nizam College	Other Institutions	
* Please provide the proof of organization and sanction letter for funding							

14. Conferences/ workshop/ seminars/Training Program etc attended/participated.

S.No	Name of the Seminar attended	National/	Duration		Organized by	Funded/Not Funded	Funding agency	Amount
		International	From	To				
1	Molecular Mechanisms of Neurodegeneration and Practical Immunology	National	29	31-Mar-12	Zoology	Not Funded		
2	International Conference On Systemics, Cybernetics and Informatics ICSCI- 2012	international	15-	18-Feb-12	MHRD HYD	Not Funded		

3	Participated in Molecular Mechanisms of Neurodegeneration & Practical Immunology	National	29th	to 31st March 2012	Dept of Zoology OU	Not Funded		
4	Participated in Star College Programme	National	5th	7th Aug 2013	Ramnararain Ruia College 5th - 7th Aug 2013	Not Funded		
5	Participated in A Seminar on Applied Biotechnology	National	10th February	10th Feb	Dept of Zoology Nagarjuna Govt College.	Not Funded		
6	International Conference on Innovations in Commerce and Science	international	29 and	30th November 2017	Nizam Hyderabad	Not Funded		
7	National Conference on Nanotechnologies Invisible threat: small Science, Big Consequences	National	26-	27th September 2013	MGNISRA	Not Funded		
8	International Seminar on Modernizing Science - Tools of r the 21st Century	international	1st Sept 2012	1st Sept 2012	CCMB	Not Funded		
9	International Expert Consultation on Education for Conservation	international	16	and 17th Oct 2012	NIUCBD, Chennai	Not Funded		

10	National Workshop on Emerging Trends in Parasitic infections - Diagnosis, Treatment and Abatement	National	25th April 2014	25th April 2014	Ronald Ross Institute	Not Funded		
11	International Summit on Indo Global Education Summit 2017	international	2017	2017	Indus Foundation	Not Funded		
12	International Conference On Systemics, Cybernatics and Informatics ICSCI-2012.	international	15-	18-Feb-12	Pentagram Research Center	Not Funded		
13	International Conference On Systemics, Cybernatics and Informatics ICSCI-2012	international	15	-18 Feb 2012	Pentagram Research Center	Not Funded		
14	One Day Workshop on Ethical Issues of Animal House and Animal Experimentation	National	#####	04-Sep-12	Dept of Zoology, OU	Not Funded		

16. Research Projects:**Total No. Projects:****Major: -****Minor:**

Title/Name of Project	Major /Minor	Funding Agency	Amount Granted (in Rs. Lakhs)	Amount Received (in Rs. Lakhs)	Duration	Date and Year	Status – Completed /Ongoing/ Sanctioned/ Submitted
Cloning, Over Expression, Purification and assay of novel analgesic peptides on suitable host organisms	Major	DBT	13.57 Lakhs	13.57 Lakhs	3 years	8.10.09 to 8.10.12	Submitted
Gene Therapy for Tumor Angiogenesis: Elucidation of the molecular mechanisms involved in alpha six NCI mediated angioinhibitory signal transduction	Major	DBT	35.6 Lakhs	35.6 Lakhs	3 years	16.3.11 to 16.3.14	Submitted
Optimization of Bio-farming methods for Prawn Cultivation	Minor	APCOST	3 Lakhs	3 Lakhs	1 year	9.2.11 to 20.11.12	Submitted
Rama linga Swamy Fellow		DBT	35 lakhs	35 lkhs	3 years	4-10-13 To 4-10-16	Submitted
* Please provide the scanned copy of sanction letter/ grant received orders/project closure orders							

17. Consultancy Projects:

Name of the Consultant	Name of the Consultancy Project	Consulting/Sponsoring Agency with Contact Details	Month and Year	Funds earned/ Revenue generated during last five years (in Rs.)*
* Audited statement of accounts indicating the revenue generated through consultancy				

18. Collaboration activities for research:

Title of the collaborative activity	Name of the Collaborating agency with contact details	Source of financial support	Month and Year of collaboration	Duration	Nature of activity
* Audited statement of accounts indicating the revenue generated through consultancy					

19. Students Projects:

Total No.of Student Projects Guided:

S.No	Name of the student	Course	Title of the Project	Duration of the Project	Month & Year of the Award
1	Shiva	MSc	Varicose Veins	4 months	On going
2	A S Goutham	MSc	Cotton Pest	4 months	On going
3.	Usha Rani	Msc	Down Syndrome	4 months	On going
4	Sunitha	Msc	Sickle cell anemia	4 months	On going
5	Srinkanth Reddy	MSc	DNA Finger Printing	4 months	On going
* please provide copy of certificate page or certificate from Head/Principal					

20. Faculty visit abroad on academic purpose:

Institution Visited & Period of Visit	Country	Sponsoring of agency	Activity undertaken	Month and Year of Visit
BOYSCAST Fellowship of DST, Govt of India 2010-11	USA	DST	Advance research in Animal Biotechnology	June 2010- June 2011.
* please provide invitations/sanction letters/grant received letter				

21. Awards / distinction received if any

Name of the award Received	International/ National/ State/University/District/College level	Nature of Award	Month & Year of the Award
Best Oral Presentation Award	International	Oral Presentation	February, 2012
* please provide copy of certificate			

22. International fellowship for advanced studies/research received if any

Name of the award	Month and Year of Award	Awarding agency
BOYSCAST Fellowship of DST, Govt of India	June 2010- June 2011.	DST, Govt of India
* please provide copy of certificate		

23. Faculty Distinction/Nominations to University/State/National/International bodies.

Membership / Distinction earned	Organization	University/State/ National/International Level	Month and Year
BOS member	Osmania	University	2016
BOS member	Nizam college	State	2017
*please provide copy of offer letters/appointment orders			

24. Collaborative programs if any other University / Organization/ Industries

Name of Program	Nature of Collaboration	Collaborating organization and Country	Objectives of MOU	Month and Year
* please provide copy of MoU letter				

25. Innovation adopted in Teaching (If any, provide details.): Video Lecutres

26. Participation in Curriculum design/BOS etc. (copy of minutes of meeting): Yes Enclosed.

27. List of ICT modules prepared (Please provide soft copies of modules, url link/videos): Xerox
copy enclosed.

28. Social outreach programs conducted (If any, proof as photographs, videos, certificate of
appreciation, etc):

29. Life Members of any bodies (provide membership details):

Fellow member Indian Association of Aquatic Biologists IAAB

30. Extension activities and institutional social responsibility (If any, provide proof)

31. Contribution to environmental awareness and protection (If any, provide proof)

32. Please provide the details if any MoUs/Linkages (If any, provide MoU letter):

33. Any another relevant information:

(Dr.J.Venkateshwara Rao)

SIGNATURE