

FACULTY PROFILE

Name	Dr. K. Ravindranatha Reddy
Designation	ASSOCIATE PROFESSOR
Date of Birth	23.03.1963
Date of Appointment	04-06-2004
Date of Join in Current Station	04-06-2004
Contact No	9440164872
Email ID	kuppamravindra@gmail.com
Website/Blog	http://sgsac.edu.in



❖ Qualification: (highest to PG)

Qualification	Institution /University	Year
Ph.D	Sri Venkateswara University, Tirupati	1992
M.Phil	Sri Venkateswara University, Tirupati	1989
PG	Sri Venkateswara University, Tirupati	1986

❖ Career Profile

Designation	Institution	Period
Associate Professor	S.G.S. Arts College, Tirupati	2012 – till date
Assistant Professor	S.G.S. Arts College, Tirupati	2004 - 2012
Time-Scale	S.G.S. Arts College, Tirupati	1995 - 2004
Part-Time	S.G.S. Arts College, Tirupati	1990 - 1995

❖ Training Programmes (OC/ RC/ Others) :

S.No	Program	Conducted by	Date & Period
1	Orientation Programme	HRDC-S.V..university	23 rd May to 18 th June 2005
2	Master Resource Persons' Training Programme on " World year of Physics, 2005"	RVPSP & VP held at Jawaharlal Nehru Centre for Advanced Scientific Research, Indian Institute of Science, Bangalore	13 th to 15 th July 2005
3	RC in General	HRDC-S.V..university	3 rd to 22 nd Sept. 2007
4	State Level Training Programme for Resource Persons on the Appreciating Physics in Everyday Life	APCOST – Regional Science Centre, Vijayawada	1 st February 2007
5	RC in Physics	HRDC-S.V..university	20 th Jan. to 8 th Feb. 2014

6	Summer School Programme	S.V.U & NARL	11 th to 21 st March 2013
---	-------------------------	--------------	---

❖ **Seminars / Workshops/ Conferences :** [\(View\)](#)

❖ **Research Publications:** **Total No: 19** [\(View\)](#)

❖ **Research Projects:**

Title of the Project	Major/ Minor	Funding Agency	Period	Sanctioned Amount Rs.
"STUDY OF MOLECULAR INTERACTIONS OF AQUEOUS ORGANIC DYES USING ULTRANONIC METHOD"	Minor	U.G.C	2009 - 12	90,000/-

❖ **Administrative Assignments:**

Committee	Convener/Member
Head of the Department of Physics since 2011	
Head of the Department of Computer Science from 2009 to 2011	
Presently Member, BOS in Physics	
Member of Examination Committee	Convener
Member of College Admission Committee	Convener

❖ **Membership:**

- Life member in Indian Association of Physics Teachers (IAPT)
- Life member in Indian Science Congress Association
- Life member in Thermodynamics Society
- Life member in Fine Arts Academy, Tirupati
- Life member in Youth Hostels Association of India
- Life member in Officers Social and Cultural club
- Life member of Bharat Visas Perished
- Member of Seshachala Echo Club and Zoo friends
- Asia Pacific Who's Who (Vol.XVI)-Biographical note with Photograph –published in 2017 (ISBN 81-901966.2.6.

ANNEXURE-I

Research Papers Published :

1990:

1. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Ultrasonic studies in aqueous solutions of Malachite Green and Methyl Violet. Proc. Int. Cong. Ultrason., E 35-41.

1991:

2. K. RAVEENDRANATHA REDDY, S. Rama Murthy and L. Rama Murthy – Free volume and internal pressure studies in aqueous solutions of Methylene Blue and Auramine. J. Acoust. Soc. India. Vol. XIX, 4, 22-29.

1992:

3. K. RAVEENDRANATHA REDDY, S. Rama Murthy and L. Rama Murthy – TVM and TACM studies in aqueous solutions of organic dyes. Acoustica, Vol.75, 289-292.
4. S. Rama Murthy and K. RAVEENDRANATHA REDDY, B. Papaiah and L. Rama Murthy - TVM and TACM studies in aqueous solutions of D-glucose and Mannose. Acoustics Letters, Vol.16, 116-119.

1993:

5. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Molecular interactions in the binary mixtures of aqueous Methyl Violet solutions. J. Phy. Chem. of Liquids. Vol. 25, 243-250.
6. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Excess compressibilities for the binary mixtures of aqueous Methylene Blue solutions at 303.15oK. Indian Jour. of Technology. Vol. 31, 879-81.
7. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Ultrasonic studies in aqueous solutions of disaccharides. J. Pure & Applied Ultrasonics. Vol. 15, No.3.

1994:

8. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Evaluation of Sound velocities in the binary mixtures of aqueous Malachite Green solutions. J. Acoust. Soc. India. Vo. XXII, No.1, 7-11.

1995:

9. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Molecular interactions studies of aqueous organic dyes using ultrasonic methods. Proc. Acousto-Optics and Applications VI SPIE, Vol.2643.
10. K. RAVEENDRANATHA REDDY and L. Rama Murthy – Molecular interactions studies in the binary mixtures of aqueous Malachite Green solution using ultrasonic methods. J. Pure & Applied Ultrasonic. Vol. 17, No.2, 45-49.
11. K. RAVEENDRANATHA REDDY, S.A. Saleem and L. Rama Murthy – Excess compressibilities for the binary mixtures of aqueous organic dye solutions at 303.15oK. J. Acoust. Soc. India. Vol.XXIII, No.2, 78-84.

1996:

12. K. RAVEENDRANATHA REDDY, S. Rama Murthy and L. Rama Murthy – Evaluation of sound velocity in the binary mixtures of aqueous Methylene blue and Methyl Violet solutions. Proc. Of VII – NSU, 319-24.
13. K. RAVEENDRANATHA REDDY, S.A.Saleem, S.H.mousavi, B. Yasoda and L. Rama Murthy – Apparent molal properties of rare-earth acetates in aqueous t-butanol. Proc. Of VII-NSU, 325-30.
14. K. RAVEENDRANATHA REDDY, S.A.Saleem and L. Rama Murthy – Molecular interaction study of Non-aqueous organic dyes using Ultrasonic methods. J. Acoust. Soc. India, Vol. XXIV, 71-75.

2013:

15. K. RAVEENDRANATHA REDDY - Electrical Properties of Au/n-Inp and Au/PVA/n-InP Schottky Structures. J. American Institute of Physics, 467-468.

2017:

16. K. RAVEENDRANATHA REDDY- Optical Properties of Thermally Evaporated IN2S3 Thin Films Measured Using Photoacoustic Spectroscopy. Material Science in Semiconductor Processing, 4-8.
17. K. RAVEENDRANATHA REDDY – Material Science in Semiconductor Processing. Chinese Institute of Electronics- Journal of Semiconductors, 1-9.

2019:

18. K. RAVEENDRANATHA REDDY - Chemical, Electrical and Carrier Transport Properties of Au/Cytosine/Undoped- InP MPS Junction with a Cytosine Polymer. Solid State Sciences, 1-7.

2020:

19. K. RAVEENDRANATHA REDDY - Electrical and Carrier Transport Properties of Au/Pr₆O₁₁/n- GaN MIS Structure with a High -k Rare-Earth Oxide Interlayer at High Temperature Range. Vacuum, 1-8.

ANNEXURE-II

Conferences/Seminars/Workshop attended

SEMINARS ATTENDED / PAPER PRESENTATION / RESOURCE PERSON				
S.No	Year	Participated/ Presented (Title of the paper)	Seminar Title& Place	Dates
1	2009	Participated	<i>Seminar on “natural Resources and Naturla Disasters”- Dept. of Physics, yogi Vemana University, Kadapa</i>	Jan.19-20, 2009
2	2009	Participated	<i>National conference on “ Emerging Materials, Devices and Technologies”- Dept. of Physics, Sri Venkateswara University, Tirupati</i>	Feb.24&25, 2009
3	2009	Participated	<i>2nd A.P. Science Congress – Andhra Pradesh Akademi of Sciences - Sri Venkateswara University, Tirupati</i>	Nov. 4-6, 2009
4	2010	Participated	<i>National conference on “Materials for Energy Storage and Conversion”- Dept. of Physics, Sri Venkateswara University, Tirupati</i>	Jan.23&24, 2010
5	2010	Presented “Ultrasonic Studies in Binary Mietures of Aqueous Organic Dyes”	National Seminar on “Emerging Materials and Technologies (EMT2010)- Dept. of Physics, SSBN Degree and PG College, Anantapur	Oct. 9&10, 2010
6	2011	Participated	Nationa Seminar on “Strategies for Sustainable Environment”- Dept. of Geology, Sri Venkateswara University, Tirupati	Mar.29&30, 2011
7	2012	Participated	Natuional Conference on “Latest Trends in Emerging Materials (NCLTEM) – Dept. of Physics, JNTUHCEH, JNTUH, Kukatpally, Hyderabad	Jan.20&21, 2012
8	2012	Participated	7 th National Conference on “Thermodynamics of Chemical, Biological and Environmental Process” – Dept. Chemistry, Sri Venkateswara University, Tirupati	Dec. 10-12, 2012
9	2012	Participated	<i>International conference on “Environmental Impact on Hyuman Health and Therapeutilc Challenges”-Dept. of Virology, Sri Venkateswara University, Tirupati</i>	Dec. 20-22, 2012
10	2015	Paricipated	<i>Two Day International Conference on “Perspectives on Green Energy, Climate Change, Sustainable Development and Environmental Polices”. Department of Law, Sri Padmavathi Mahila Visvavidyalayam, Tirupati</i>	21 & 22 August 2015
11	2016	Paricipated	<i>1st Andhra Pradesh Science Congress. Sri Venkateswara University, Tirupati</i>	27 – 29 th January, 2016
12	2016	Presented: Ultra sonic study of Non-Aqueous solutions of Organic Dyes	<i>National Conference on Advanced Functional Materials (NCAFM-2016). Sri Venkateswara University, Tirupati</i>	23 24 TH March, 2016
13	2016	Paricipated	<i>International Conference on “Environmental Conservation and Hyuman Health-Challenges and Strategies (ICECH-2016)”. Dept. of Zoology, Sri Venkateswara University, Tirupati</i>	21to 23 Dec. 2016

14	2017	Participated	<i>The Indian Science Congress - Sri Venkateswara University, Tirupati</i>	3-7 th Jan. 2017
15	2017	RESOURCE PERSON	Sri Padmavathi Mahila Visvavidyalayam, Tirupati NSS Special Camp on theme “ Youth for Health”, Gollapalli Village, Tirupati Rural, Chittoor Dist., A.P.	23 rd Feb. to 1 st Mar. 2017
16	2017	Participated	National Conference on Novel Materials and Technologies (NCNMAT-2017). Dept. of Physics, <i>Sri Venkateswara University, Tirupati</i>	16 17 th Sept. 2017
17	2018	Presented: ‘Electrical properties and reverse transport mechanism at Au/n – InP Schottky contact with a NiPc inlayer’.	Andhra Pradesh Science Congress, Yogi Vemana University, Kadapa	9 – 11 th Nov. 2018

WORKSHOPS ATTENDED				
SNo	Year	Title of the workshop	Organized by	Dates
1	2016	“Web Development Workshop”	Developer Weekend at Sri Govindaraja Swamy Arts College, Tirupati	10 th Nov. 2016
2	2017	“Emerging Trends in Academics and Research”	National Science Day Celebrations – Yogi Vemana University, Kadapa	28 th Feb & 1 st Mar. 2017
3	2019	One Week National Workshop on “ Professional Development Programme for Teachers in Higher Education”.	UGC- Sponsored – Dept. of Education, Sri Padmavathi Mahila Visvavidyalayam, Tirupati	3-9 th Jan. 2019