

Shri Shivaji Education Society, Amravati's

**Mahatma Fule Arts, Commerce and Sitaramji Choudhari Science  
Mahavidyalay, Warud, Dist. Amravati**

**Faculty Profile**



1. Name : Dr Giridhar Kanheyyalal Reddy
2. Qualification : M.Sc. (Applied Electronics)
3. Designation : Assistant Professor and In charge Head Computer Science
4. College : Department of Electronics Mahatma Fule Arts Commerce and Sitaramji choudhary Science Mahavidhyalaya, Warud
5. Address (Residential) : Vivekanand Colony, Multai road, Warud
6. Cell no : 9823288352
7. E-mail address : [reddygk\\_2007@rediffmail.com](mailto:reddygk_2007@rediffmail.com)
8. Date of birth : 09/08/1976
9. Natinality : Indian
10. Academic Qualification Detail:

Examination Passed	University	Subject/ specialization	Year of passing	Division/Grade	Merit
SSC	Amravati	Maths,Eng,Science	1992	First	
HSC	Amravati	Maths, Phy, Che.	1994	Second	
B.Sc.	Amravati	Maths,Phy, Electronics	1997	Second	
M.Sc.	Amravati	App.Electronics	1999	First	
ADCSSAA	Mumbai	Oracle, C, Foxpro	2000	First	
Ph.D.	Amravati	Sensors	2009		

- 11 Experience Teaching : UG : 09 years PG : Nil  
Research : Nil
- 12 Ph.D. Thesis title : PC based CO<sub>2</sub> gas sensing and controlling system using virtual instrumentation
- 13 Ph.D. Supervisor : Yes
- 14 Paper Published :  
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Paper Presented : International - Nil National : Nil  
Book Published : Nil  
Articles Published :--  
Invited Talk & Guest Lectures : Nil  
Conference/Workshop Attended : International : Nil National : Nil

Research Project Completed :

Minor Research Project : Nil  
Major Research Project : Nil

Position Held : Assistant Professor and incharge-Head of Computer Department

Awards/Scholarships :

Works on Various University Committees: SEC (UG),SEC (PG), Paper setting, Valuation etc.

1 Research papers published in Journals (with citation index and impact factor)

Sr.No	Title	Name of Authors as mentioned in Papers	Journal,Vol.No, Page No,Year	Impact factor	ISSN/ISBN No
1	Microcontrolled based water saving system for irrigation	G.K.Reddy	Vidyawarta International multilingual research journal Vol.-06, Issue - 13, 2016	3.102	ISSN-2319-9318
2	Study characteristics of Gas sensors P-81-83	G.K.Reddy	AAYUSHI international interdisciplinary research Journal Vol-5 Issue-6 June 2018	4.574	ISSN-2394-8426
3	To study Electronics sensors for Bio applications PP 158-160	G.K.Reddy	Vidyabharti international interdisciplinary research journal Vol.-05, Issue -04 March 2016		ISSN-2319-4979
4	Characteristics of Microcontroller based automation system using embedded technology PP 256-258	G.K.Reddy	Gurukul International multidisciplinary Research journal 2016	2.254	ISSN-2394-8426
5	Study characteristic of SnO <sub>2</sub> -CuO in CO <sub>2</sub> gas using soft instrumentation PP 396-399	G.K.Reddy	National Journal of Chemo and Biosphere, Special issue-5		ISSN-2277-4238
6	Study of Gas sensor system using Embedded Technology PP-35-37	G.K.Reddy	National Journal of Chemo and Biosphere, Vol. -1 Issue 4, 2013		ISSN-2277-4238

7	Study of techniques used to detect Brain Tumor	G.K.Reddy	AJANTA international multidisciplinary quarterly research journal	5.5	2277-5730
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## 2 Full Papers in Conference proceedings:

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN/ ISBN No.
1	UGC sponsored National Conference on Recent Advances in Electronics and Computer Science (NCRAES-2014)	National	STUDY OF ORGANIC TECHNOLOGY USED FOR DEVELOPMENT OF ELECTRONIC S DEVICES AND THEIR MEDICAL APPLICATIONS	G.K.Reddy S.P.Yawale	Organized by Department of Electronics & Computer Science, SSESAs Science College, Nagpur January 23 – 24, 2014	ISBN 978-81-906457-5-1
2	Recent trends in science and technology	National	Role of Electronics sensors in Biomedical applications P-11-14	G.K.Reddy	04 February 2017 Kamla Nehru Mahavidhyalay, Nagpur	978-93-81432-56-3
3	Recent trends in science and technology	National	Study the use of Electrodes in Biomedical Science P-36-39	G.K.Reddy D.B.Bobde	04 February 2017 Kamla Nehru Mahavidhyalay, Nagpur	978-93-81432-56-3
4	Recent trends in science and technology	National	Study of Blood pressure and temperature sensor in Biomedical P-84-	G.K.Reddy S.Salvant	04 February 2017 Kamla Nehru Mahavidhyalay, Nagpur	978-93-81432-56-3
5	Advance technology in Material Science and their applications	National	PC based CO <sub>2</sub> gas sensing and controlling system	G.K.Reddy S.P.Yawale S.S.Yawale	Arts, Commerce and Science college Arvi, Dist- Wardha 6 March 2011	
6	Current trends in Physical Science and Electronics research	National	PC based CO <sub>2</sub> gas controlling system using soft instrumentation	G.K.Reddy S.P.Yawale S.S.Yawale	Shri Shivaji Science college, Akola 28 March 2010	
7	Recent trends in Embedded technology	National	PC based simple techniques	G.K.Reddy S.P.Yawale	Kamla Nehru Mahavidhyalaya , Nagpur	

			for controlling CO <sub>2</sub> gas in sensor system			
8	Nano science and technology and its applications	National	Development of CO <sub>2</sub> gas sensor instrumentation using molecular Electronics	G.K.Reddy S.P.Yawale S.S.Yawale S.A.Waghuley	Shri Shivaji Science college, Nagpur 21-22 February 2011	
9	Recent trends in material synthesis and characterization	National	Design of gas sensor using molecular Electronics	G.K.Reddy S.P.Yawale S.S.Yawale	Bhalerao Science college, Saoner, Nagpur 17 December 2011	978-81-922229-1-2
10	Recent research in chemistry. A journey towards social upliftment	National	Study of gas processing unit using soft molecular Electronics	G.K.Reddy S.P.Yawale	Lokmanya Tilak Mahavidhyalaya, Wani 14-15 February 2012	
11	Recent initiatives on Green Electronics	National	Design of Microcontroller based gas controlling system	G.K.Reddy S.P.Yawale	Brijlal Biyani College, Amravati 8-9 February 2013	
12	Recent initiatives on Green Electronics	National	Study effect of E waste on environment and various disposal methods	G.K.Reddy S.P.Yawale s.S.Yawale	Brijlal Biyani College, Amravati 8-9 February 2013	
13	A Mirror approach to womens problems	National	Analysis of womens status in India an aspects	G.K.Reddy S.A.Katole D.B.Bobde	Shri Shivaji Science college, Chikhli 3 <sup>rd</sup> January 2013	
14	Recent advances in Electronics and computer science	National	Study of organic technology used for development of Electronics devices and their medical application	G.K.Reddy	Shivaji Science college, Akola 23-24 January 2014	

### 3 Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1	Study	National	National		Department

2	Characteristics of Microcontroller based Home automation system using embedded technology.	Conference on “ Green technology and Sciences for sustainable development	National	March 26 and 27, 2015	Department of Electronics Anuradha Engg. College, Chikhli Dist. Buldana
3	To study electronics sensors for Bio applications	Recent trends in conservation of Biodiversity	National	12 March 2016	S.S.S.K.R. Innani Mahavidyalaya Karanja Dist. Washim
4	A review of Nantena technology use for home automation and appliances	An International conference on emerging trends in Electronics and communication engineering domain.	International	22 and 23 April 2015	Tulsiramji Gaikwad college of Engineering and Technology , Wardha road, Nagpur
5	Study the role of Electronics technology used to prevent violence against women’s	UGC sponsored national conference on “ Violence against women’s: Security and Law”	National	March 2014	UGC women’s study center North Maharashtra university Jalgaon and Indian council for social sciences research (ICSSR) New Delhi

#### 4 Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	Green technology and Sciences for sustainable	National	March 26 and 27, 2015	Department of Electronics

	development			Anuradha Engg. College, Chikhli Dist. Buldana
2	Recent trends in conservation of Biodiversity	National	12 March 2016	S.S.S.K.R. Innani Mahavidhyalaya Karanja Dist. Washim
3	A review of Nantena technology use for home automation and appliances	International	22 and 23 April 2015	Tulsiramji Gaikwad college of Engineering and Technology, Wardha road, Nagpur
4	UGC sponsored national conference on " Violence against women's: Security and Law"	National	March 2014	UGC women's study center North Maharashtra university Jalgaon and Indian council for social sciences research (ICSSR) New Delhi
5	A Mirror approach to womens problems	National	3 <sup>rd</sup> January 2013	Shri Shivaji Science college, Chikhli
6	Recent advances in Electronics and computer science	National	23-24 January 2014	Shivaji Science college, Akola
7	Mechatronics	National	25 March 2017	Brijlal Biyani Science college, Amravati
8	Intellectual Property Right	University	23 April 2019	Shri R.R.Lahoti Science college, Morshi

### 5 Invited Lectures & session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Chairman of session	2018-19	Conference	International	1 <sup>st</sup> and 2 <sup>nd</sup> February 2019	Vidhyabharti College, Karanja Dist. Washim.
1.	Invited talk	2018-19	Decade ceremony Program	University	19 <sup>th</sup> February 2019	Brijlal Biyani Science college, Amravati

### 6 Year wise Research Guidance:

Sr. No.	Year	Degree (M.Phil/PhD)	No. of Students		
			Enrolled	Awarded	Submitted

## 7 Research Projects (Minor/Small Grants):

Sr. No.	Title	Major / Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter	Status
	Nil						

## 8 Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By

## 9 Book Published

Sr. No.	Title & Page No.	Authors	Type of Book	Publisher	ISSN/ISBN No	No. of Co- authors

## 10 Editorial Board Member:

Sr. No.	Title & Page No.	Type of Books	Publisher	ISSN/ISBN No	No. of Co- authors

## 11 Articles/Chapters published in Book:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors

## 12 Events Organized:

Sr. No.	Events	Level	Funded By	Date	Theme	Position
1	Workshop in collaboration with Shriji Infotech Pvt. Ltd. Amravati	University	Self	04/09/2018 To 05/09/2018	Applications of Android Mobile	Convener

## 13 Special Achievement:

- 14 **Other Memberships:** 1) Member of Board of Study in Electronics Faculty of Science and Technology  
2) Life Member of S.P.E.E.D Pune

