

Name: kamma Bhanu Srinivas Gopal  
Designation: Lecturer  
Department: physics  
Mail ID.: bhanukamma2289@gmail.com  
Experience (in years): Teaching: 26 , Research: 10  
Others (If any, Specify):.



### 1. Educational/ Technical Qualifications

S.No	Level	Year of passing	Specialization
1	Post graduation M.Sc	1993	geophysics
2	Under graduation B.Sc	1991	MPI
3	intermediate	1988	MPC

### 2. Teaching and Learning

2.1. **Teaching Interests:** Handled all 6 papers at under graduate level physics. Handled physics cluster electronic instrumentation paper.

#### 2.2. Novel Teaching & Learning Techniques adopted:

PPT presentation, e class room teaching. Online teaching through available apps.

#### 2.3. Involvement in curriculum updating / Design:

Involved in department BOS relating to curriculum designing and updation of the syllabus as societal needs.

### 3. Co-curricular and Extra-Curricular Activities :

#### 3.1. CCA/ECA Organized: nil

#### 3.2. CCA/ECA participated:

Poster preparation,

#### 3.3. Counseling and Mentoring Activity:

Mentor for the students of certain number as assigned by the principal for every academic year

#### 3.4. Committees involved in:

1. Deputy warden for boys hostel upto june 2019
2. Discipline committee member
3. Anti ragging committee member
4. NAAC criteria member

5. U G C Coordinator from academic year 2020

4. Conference / Workshop / Seminar / Guest Lectures: 15

5. Academic Contribution and Research & Consultancy:

completed one minor research project funded by the management during 2017-18.

5.1. Invited Lectures: nil

5.2. Articles/Chapters published in Books

1. Environmental science ( certificate course funded by UGC)

2. Basic principles of remote sensing and GIS

5.3. Books published as author or as editor NIL

5.4. Projects Guided: NIL

5.5. Research Interests: Environmental issues : conventional and non conventional energy resources. Remote sensing .

5.6. Ph.D students: Nil

5.7. Papers published in reviewed Journals:

S. No	List of Authors	Title of the Paper	Journal Name Vol. No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
-------	-----------------	--------------------	-----------------------------	---------------	----------------------------------	----------------------------

1	K B S Gopal	Detection of adulteration in edible oils using FTIR	IJARTET	2394-3777	5.338	INTERNATIONAL
2	K B S Gopal	Water quality studies and physico chemical analysis of potable water from rural areas of w g dt	IJAMTES	2249-7455	6.3	INTERNATIONAL
3	K B S Gopal	Climate change impact on agriculture and crop yielding	Engineering sciences, international research journal	2320-4338	2.54	INTERNATIONAL
4	K B S Gopal	A review of INDIA's water resources utilization, pollution and conservation	IJESI	2319-6726	5.962	INTERNATIONAL

### 5.8. Papers presented at National / International Conferences:

S. No	Title of the Paper	Names of the conference/ Seminars	National/ International	Period
1	Solar power in india present status and challenges	Recent trends in chemistry and physics of materials	National	15,16 sep 2017
2	1. INDIA's own GPS system NAVIC	World space week	National	4 – 10 oct 2017
3	2. LIDAR technology and applications			
4	3. GIS and Remote sensing			
5	4. Categories of artificial satellites			
6	Indigenous efforts for reducing green house gas emissions in INDIA	International symposium on recent innovations in engineering materials	International	31-08-17
7	Solid waste management	Solid waste disposal and management to protect environment	National	4-06-17
8	Radiation effects on animals and plants	Conservation of bio diversity issues and challenges	National	9-02-19

9	Bio mass energy resources, potentials and technologies in INDIA	Materials for energy and environmental protection	International	12,13-02-18
10	Influence of climate change on agriculture	Materials for energy and environmental protection	International	12,13-02-18
11	Climate change impact on gender differentiation	Empowerment of women – recent trends and challenges	National	8-02-19

#### 5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant Amount (Rs.)	Ongoing / Completed
1	Fourier transform infrared spectroscopy for detection of adulteration in edible oils	management	2017-1018	30,000	completed

#### 5.10 Consultancy Projects: nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: felicitation by the management on the eve of teachers day during September 5 of 2020.

**7. Any other relevant Information: nil**

**8. Motto:**