



NAAC

Accredited With Grade "B"

**BLDEA's SSM**

**College of Pharmacy and Research  
Centre, Vijayapur, Karnataka-586103**

**Department of  
Pharmaceutical  
Chemistry**

## About College

BLDE Association's Shri Sanganasava Mahaswamiji College of Pharmacy & Research Centre was established in the year 1982, to cater to the needs of Pharmacy education in North Karnataka region. Since its inception, the College has earned great respect and reputation among the students and people across the state for imparting quality Pharmaceutical education and has continued to be one of the prominent Pharmacy education institution of the region.

The BLDE Association is propagating education in vijayapur and Bagalkot districts, which are recognized as socially, economically and educationally backward areas. The BLDEA was established by visionary and renowned scholar 'Vachana Pitamaha' the late Dr. P. G. Halakatti, with other philanthropists of Vijayapur with a primary objective of reaching out education to all in North Karnataka region.

## About Department

Established in the year 2007 intake of 10. Equipped with state of the art facilities to undertake academics in Bachelor and Master of pharmacy courses. Presently, the Department has research interests in Drug Designing, Molecular modeling, synthesis and biological activities. In the frontier area of medicinal chemistry research, focus will be laid on synthesis, purification, characterization and evaluation of biological activities both by in-vitro and in-vivo models.

To strengthen our academic and research potential, we have introduced Computer Aided Drug Design, Docking, QSAR and Molecular modeling based projects in the department promoting identification and validation of novel target sites for designing and synthesizing new chemical entities.

## **Vision :**

To provide quality pharmaceutical education, practice and research on par with global standards and to meet the healthcare needs of the backward region of North Karnataka.

## **Mission :**

Empowering graduates in application based knowledge with high degree professional integrity and ethics.

# Faculty members details



## Dr R B Kotnal

M Pharm PhD  
Professor and Principal  
23 Years of Teaching and  
Research Experience  
Ph.D From RGUHS University

35+ Publications  
10+ Presentations  
03 PhD Guided  
5 M Pharma Guided  
17+ Conferences Chair Person



## Dr B Shivkumar

M Pharm PhD  
Professor and HOD  
32 Years of Teaching and  
Research Experience  
Ph.D From Kakatiya University

117+ Publications  
100+ Presentations  
09 PhD Guided  
49 M Pharma Guided  
10+ Conferences Chair Person



## Dr Somashekhar M Metri

M Pharm PhD  
Associate Professor  
10 Years of Teaching and  
Research Experience  
Ph.D From RGUHS Blengaluru

39+ Publications  
01+ Book Published  
06 M Pharm 12 UG Guided  
11+ Presentations  
10+ FDP's Attended  
150+ Seminars & conferences

# Faculty members details



## Mr Ravindra V Revadigar

M Pharm

Assistant Professor  
12 Years of Teaching and  
Research Experience

1+ Publications  
1+ Presentations  
3+ Seminars & conferences  
1 FDP's Attended



## Mr Sangappa G Teli

M S Pharm

Assistant Professor  
04 Years of Teaching and  
Research Experience  
MS Pharma from NIPER Kolkata

25+ Seminars & conferences  
NIPER and GPAT Qualified  
03+ Presentations  
4 UG Guided  
05 FDP's Attended  
D Pharm & B Pharm Topper



## Miss Hasti Kenia

M Pharm

Assistant Professor  
2.5 Years of Teaching and  
Research Experience  
M Pharma From RGUHS Bengaluru  
and University Ranker

3 Publications  
80+ Seminars & conferences  
GPAT Qualified  
4 UG Guided  
02+ Presentations  
08 FDP's Attended  
B Pharm & M Pharm Topper

# Completed 59 lakhs of research Grant

## Dr. B. Shivakumar :

- 1) Synthesis and biological evaluation of Some New Novel Heterocyclic compounds consisting of Benzimidazole Moiety (09 lakhs from RGUHS)
- 2) Synthesis and biological evaluation of of chalcones, pyrimidines, pyrazolines and pyrazole (40 Lakhs from VGST)

## Dr R B Kotnal :

- 1) Synthesis and evaluation of new small molecules for anti- tubercular activity (10 lakhs from RGUHS)



## DEPARTMENT PUBLICATIONS

S.NO.	NAME	TOTAL	LAST FIVE YEARS
01	Research Publications	140+	60+
02	Presentations	150+	50+
03	Books	03	03



## Department Facilities



Heidolph Rotary Evaporator  
Hei-VAP core (HL/G3)



FTIR-8400S by Shimadzu  
Scientific Instruments Inc

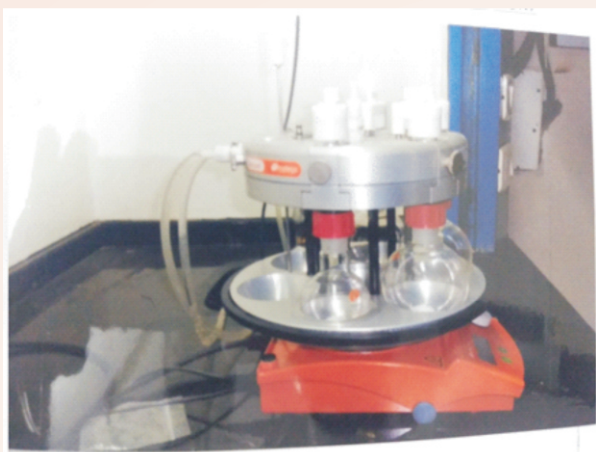


BEING  
Instruments Vacuum Oven  
DZF-6032 with Vacuum Pump



UV-VIS Spectrophotometer  
Shimadzu Scientific  
Instruments UV-1900i

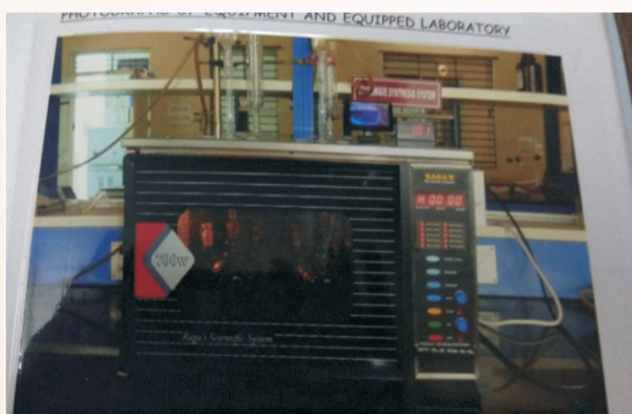




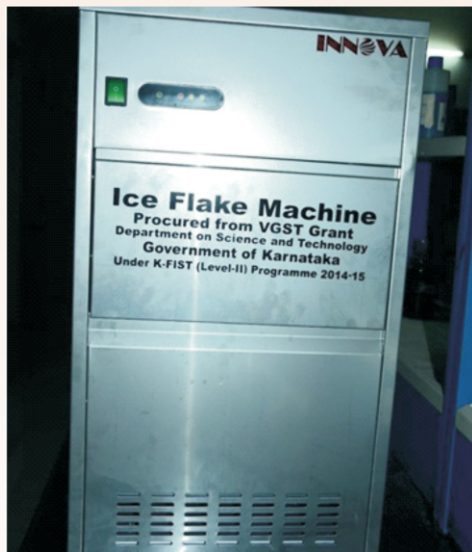
Parallel Synthesizer carousel  
6 plus reaction station



Parallel Synthesizer Cooled  
carousel 6 plus reaction station



Raga's Microwave  
Scientific System  
700w four Chambers



Innova-Flow Instruments  
Ice Flaker Machine Model INOF-50



Contech  
Melting Point Appartus



Tempo Instruments Hot Air  
Oven Model TI-128 C



Ultra Violet Cabinet  
Model KUVC-2 KEMI 8419



Electric Water Bath



Digital Weighing Machine



Visualizer

## STRENGTHS

- Dedicated faculty with strong research background.
- Department received major grants to carry out research activity.
- Over all support from the management for establishing the department.
- Individual computers with Internet facility to all the faculty members of the department.
- Healthy teaching environment and staff stability.

## WEAKNESS

- Geographically underdeveloped region: Being in backward region, it is difficult to have access to Pharmaceutical industry or other corporate world.
- Meager of admissions to PG course.

## OPPORTUNITIES

- Scope for interdisciplinary research is ample since the institute is situated within the health science campus.
- Students have opportunity to work in research-oriented projects.
- Up-to-date knowledge for students on synthesis and evaluation of new chemical entities.
- Deputation of the faculty and students to attend seminars/ conferences workshops etc.
- More research grants can be attracted.
- Opportunity for undertaking consultancy works.

## CHALLENGES

- Collaborations with industry to identify the relevant contributions.
- Improvement of PG admissions: Growing number of PG programmes in the country and state lead to less number of applications opting for M.Pharm (Pharmaceutical Chemistry) as compared to previous years.
- Developing communicative skills and overall personality development of the students.
- Teaching students with diverse background.
- Adapting the changing student expectations.

# PRIDE ALUMNI'S OF DEPARTMENT



## **Mr Sachin G Lokapure**

Founder of SAGLO Equipments &  
Digital microscope adapter Miraj, Maharashtra  
2010-12 M Pharma Batch



## **Dr Shankar Budhavani**

CEO of Rajlaxmi Groups Vita, Maharashtra  
2007-09 M Pharma Batch

## Consultancy Services Available

- ◆ Synthesis of Organic Compounds
- ◆ UV-Vis Spectroscopy
- ◆ IR Spectroscopy
- ◆ HPLC and Rotary Evaporator
- ◆ Identification and Isolation of Drug Samples
- ◆ Study of Phytoconstituents

### CONTACT

Principal

**Dr. R. B. Kotnal**

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Head of Department

**Dr. B. Shivakumar**

Mob: 9008839355

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