



Balasubrahmanya K S

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PROFESSIONAL APPOINTMENTS

ASST. PROFESSOR

March 2023- On

DEPT. OF Pharmaceutical Chemistry | VIVEKANANDA COLLEGE OF PHARMACEUTICAL SCIENCES | PUTTUR

ACADEMIC EXPERIENCE

RESEARCH ASSISTANT

TUNGHAI UNIVERSITY, TAIWAN

March 2022- Jan 2023

DEPT. OF Biomedical and Materials Science

PI: Prof. Ding Yah Yang | Area: Synthesis of Bioorganic materials.

ASST. PROFESSOR

Dec 2020- Dec 2021

DEPT. OF Pharmaceutical Chemistry | P.A. COLLEGE OF PHARMACY | MANGALORE

Courses taught: Computer Aided Drug Designing | Pharmaceutical Organic Chemistry | Analytical Chemistry | Medicinal Chemistry

EXAMINER (U.G. Medicinal Chemistry Semester examination)

2021

DEPT. OF Pharmaceutical Chemistry | YENEPOYA PHARMACY COLLEGE & RESEARCH CENTRE | MANGALORE

ASST. PROFESSOR

June 2019- Sep 2020

DEPT. OF Pharmaceutical Chemistry | SRINIVAS COLLEGE OF PHARMACY | MANGALORE

Courses taught: Computer Aided Drug Designing | Pharmaceutical Organic Chemistry | Analytical Chemistry

EXAMINER (Diploma in Pharmaceutical Sciences, Graduation examination)

2020

DEPT. OF DRUG CONTROL | Government College of Pharmacy | BANGALORE

EDUCATION

NITTE UNIVERSITY

M.Pharm (Pharmaceutical Chemistry)

2019

Supervisor: Dr. K. Iswhar Bhat | Thesis: Quantitative determination of drug substances in finished dosage forms-method development and validation.

B.Pharm

2017

Supervisor: Dr. Jainey P James | Thesis: In-silico physicochemical, drug-like properties and toxicity studies of some novel synthesized pyrimidine derivatives.

AWARDS AND FELLOWSHIPS

- Excellent student poster presentation award at advanced chemistry symposium on integration of science and application held at PROVIDENCE UNIVERSITY, Taiwan. 2022
- **THIRD RANK:** M.Pharm examination | NITTE UNIVERSITY | MANGALORE 2019
- Mylan laboratories, Hyderabad (now Viatris) student internship programme June 2018- Feb2019

PRESENTATIONS

- Poster presentation on 'Multistep synthesis of natural products derived from pyrrollocoumarins' at Advanced Chemistry Symposium on Integration of Science and Application held at PROVIDENCE UNIVERSITY, Taiwan. 2022
- Oral presentation in national conference on '*In-Silico* physicochemical, drug-like properties and toxicity studies of some novel synthesized pyrimidine derivatives' held at JSS College of Pharmacy, Ooty 2018
- Oral presentation in national conference on "in-vitro antioxidant property of *Samanea Saman Merr* pods" held at National College of Pharmacy, Calicut. 2018

PROJECTS HANDLED

- 4-Chloro-3-nitrocoumarin as a Precursor for Synthesis of 2-Arylchromeno[3,4-b]pyrrol-4(3H)-ones.
- Pseudo three component reaction: Acid catalyzed synthesis of Coumarin fused azepines
- Quantitative determination of drug substances in finished dosage forms- method development and validation.
- *In-Silico* physicochemical, drug-like properties and toxicity studies of some novel synthesized pyrimidine derivatives.
- *In-vitro* antioxidant property of *Samanea Saman Merr pods*.

RESEARCH INTERESTS

DRUG DISCOVERY | MOLECULAR MODELLING | ORGANIC SYNTHESIS | BIOORGANIC MATERIAL SYNTHESIS | BIOMEDICAL DEVICING | SPECTROSCOPICAL ANALYSIS

PUBLICATION

Sathyanarayana, B. K.; Manjappa, K. B.; Yang, D. Y. *Org. Biomol. Chem.*, **2023**, 5964-5969.

(DOI: <https://doi.org/10.1039/D3OB00917C>)

ORGANIZATION SKILLS

COLLEGE STUDENT UNION CHAIRMAN

2016-2017

NGSM Institute of Pharmaceutical Sciences. | MANGALORE

TECHNICAL AND COMPUTATION SKILLS

Column chromatography, HPLC, UPLC, Spectral analysis by NMR, IR, UV. Software/OS: Schrodinger, Autodock, Empower 3 software, NMR softwares.

PERSONAL INFORMATION

BORN : 19th April 1996 (27 years) | Kedukody, Kasaragod, Kerala **CITIZENSHIP** : Indian
MARITAL STATUS: Single **LANGUAGES** : *Native*: Kannada, Malayalam, Tulu *Fluent*: English, Hindi.

REFERENCES

1. PROF. DING YAH YANG

Supervisor

Dean of Academic Affairs,

Distinguished Professor of Chemistry

Distinguished Professor of Biomedical & Materials Science Program

Tunghai University, Taichung, Taiwan, 407224

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2. DR. KIRAN B M

Co-Supervisor

Assistant Professor,

Tunghai University, Taichung, Taiwan, 407224

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3. PROF. K. ISHWAR BHAT

P G Supervisor

Professor,

Department of Pharmaceutical Chemistry

NGSM Institute of Pharmaceutical Sciences, Mangalore-575018

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4. DR. REVANASIDDAPPA

PG Co-Supervisor

Associate professor,

Dept. of Pharmaceutical chemistry,

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