K.N. Rajini Kanth

Designation: Professor & HOD

Department: Pharmaceutical Analysis

Research area of interest: Drug synthesis and screening, QSAR studies, Molecular docking, Study of natural products and Drug analysis

Teaching Methodologies

- Provide the student a basic knowledge by first explaining the key words
- Know the students preconceptions prior to teaching them new concepts
- Allow the student to define learning goals and monitor their progress
- Explain the role of subject in discovery and development of pharmaceuticals
- Explain the concepts involved in chapters with the help of ICT technologies
- Usage of models for teaching the subject effectively
- Conduct flipped classes for students to make them familiar with topic prior to class
- Organize an interactive session to excite students mindset and bring out their interest
- Make the student remember the concept by way of quoting real world situations
- Organize group discussions and quiz in the class to create a sense of interest in the subject
- Make the student utilize the web resources for easier understanding of the subject
- Use a kind of mindmap to help the student remember the topic easily
- Provide hands-on activity during the laboratory sessions
- To make them think of as many possible explanations for experimental result
- Conduct a periodic assessment in the form of viva-voce during practical sessions
- Help students develop leadership and communication skills by conducting seminars

Papers published

Academic Year	No. of Publications	
2018-19	05	Total citations - 20
2016-17	01	h – Index - 01
2015-16	01	i10 index - 01
2014-15	02	
2002-03	01	