

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ವಿಜ್ಞಾನ ಕಾಲೇಜು,
ಸ್ನಾತಕೋತ್ತರ ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮತ್ತು ಸಂಶೋಧನಾ ವಿಭಾಗ

ಪ್ರೊ. ಶೇಟ್ ಪ್ರಕಾಶ್ ಎಂ.

ದಿನಾಂಕ: 11.04.2025

ಅಧ್ಯಕ್ಷರು, ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮಂಡಳಿ(ಸ್ನಾತಕ & ಸ್ನಾತಕೋತ್ತರ)

ಇವರಿಗೆ,

ಮಾನ್ಯ ಕುಲಸಚಿವರು

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ತುಮಕೂರು.

Kavitha
Majumdar
15/4

ಮಾನ್ಯರೇ,

ವಿಷಯ: NEP ಅಡಿಯಲ್ಲಿ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಷಯದ 6ನೇ ಸೆಮಿಸ್ಟರ್‌ನ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ
ಇಂಟರ್‌ನಿಶಿಪ್ ಪಠ್ಯಕ್ರಮ/ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಅಳವಡಿಸುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: ಆದೇಶ ಸಂಖ್ಯೆ: ತುವಿ/ಶೈವಿ/2024-25/3835 ದಿನಾಂಕ: 20.03.2025.

ಮೇಲ್ಕಂಡ ಉಲ್ಲೇಖಿತ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, NEP ಅಡಿಯಲ್ಲಿ ರಸಾಯನಶಾಸ್ತ್ರ ಸ್ನಾತಕ ಪದವಿಯ 6ನೇ ಸೆಮಿಸ್ಟರ್‌ನ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಷಯದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇಂಟರ್‌ನಿಶಿಪ್ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಅಳವಡಿಸುವ ಕುರಿತು ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮಂಡಳಿಯ ಸಭೆಯು ದಿನಾಂಕ 11.04.2025 ರಂದು ಪೂರ್ವಾಹ್ನ 10.30 ಕ್ಕೆ ನಡೆದಿದ್ದು, ಅಧ್ಯಯನ ಮಂಡಳಿಯು ರಸಾಯನಶಾಸ್ತ್ರ ಇಂಟರ್‌ನಿಶಿಪ್ ಮಾರ್ಗಸೂಚಿಯನ್ನು ತಯಾರಿಸಿ, ಸಭಾ ನಡವಳಿಯೊಂದಿಗೆ ಇಂಟರ್‌ನಿಶಿಪ್‌ನ ಮಾರ್ಗಸೂಚಿ / ಪಠ್ಯಕ್ರಮವನ್ನು ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

AC
166
28/4/25

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಸಂಖ್ಯೆ: 284
ದಿನಾಂಕ: 17/4/25
ತುಮಕೂರು

ತಮ್ಮ ವಿಶ್ವಾಸಿ
ಅಧ್ಯಕ್ಷರು
BoS (UG & PG/Ph.D.) Chemistry
Tumkur University, Tumakuru-572103

ಅಡಕಗಳು:

1. ಅಧ್ಯಯನ ಮಂಡಳಿಯ ಸಭಾ ನಡವಳಿಗಳು ಮತ್ತು ಸೂಕ್ತ ನಮೂನೆಗಳು.
2. ರಸಾಯನಶಾಸ್ತ್ರ 6ನೇ ಸೆಮಿಸ್ಟರ್‌ನ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇಂಟರ್‌ನಿಶಿಪ್ ಪಠ್ಯಕ್ರಮ/ ಮಾರ್ಗಸೂಚಿ.



TUMKUR UNIVERSITY

GUIDELINES FOR INTERNSHIP IN CHEMISTRY

FOR BACHELOR OF SCIENCE IN CHEMISTRY- NEP (B.Sc)

Prepared by

BoS in Chemistry (UG & PG)

INTERNSHIP program for the B.Sc Students of the VI Semester

Max Marks-100

4 hrs(3 credits) /week

Summative Assessment: 60

Internal Assessment:40

The students are required to complete a mini-project and conduct a field visit to a relevant industry or research Institute in Chemistry.

Objectives:

- The objective of the mini project for College students is to facilitate profound insights on the subject matter with practical knowledge. Project creation helps to evolve creative thinking, analytical skills and reasoning ability.
- The objective of field and industrial visits for students is to provide practical experience, bridge the gap between theory and practice and enhance career readiness.

Outcomes:

- Mini projects offer students numerous benefits, primarily focusing on hands-on learning and skill development. They enhance problem-solving abilities, encourage teamwork, and provide opportunities for the practical application of theoretical knowledge. Mini projects also boost confidence and creativity, fostering a deeper understanding of the subject matter.
- Field and industrial visits provide students with valuable experiential learning, practical insights into industry operations, and networking opportunities, ultimately enhancing their employability and career aspirations. These visits bridge the gap between theoretical knowledge and real-world applications, increasing motivation and engagement.

MINI PROJECT at the College/ Industry/ Research institutes

- Mini projects for chemistry students are a great way to apply theoretical knowledge through hands-on learning. It should be relevant to the curriculum (organic, inorganic, physical, analytical, environmental, etc.). The project should be manageable in scope and time (1-3 weeks of time).
- Students can perform the work individually or work in a group (maximum 6 students in a group)

This may include,

1. Carrying reactions under the guidance of teachers
2. Survey of the chemical composition of various products available in market and analyzing the data.

Ex: Pesticides and active ingredients, harmful effects.

Food products- composition in terms of fats, protein content, food additives, their effects on humans, Cosmetics- various compositions, comparative study, soil or water testing, pharmaceutical analysis, etc.

- Following project completion, each student or group should submit the project report to the department using the format provided below.

Project report:

- Cover Page / Title Page
- Title of the project
- Declaration by the students and Certificate by the Guide/ HOD stating that the work has been carried out by the student under His/Her guidance.
- Acknowledgements
- Abstract
- Objectives or aim
- Introduction/Background
- Methodology/Experimental Section
- Results and discussion
- Conclusions
- References

Field report

- Background or context of the field visit/study
- Purpose or objectives of the fieldwork
- Observations with photos
- Conclusion

Report Submission for the field visit

The students shall submit a bound copy of the report to the department and it should be maintained by the department for one year. A soft copy of the report should also be submitted by the student to the department.

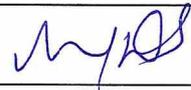
Evaluation of the Report

For the viva voce or oral presentation (PowerPoint), a panel of examiners will consist of one external and one internal member appointed by BoE chair person. These examiners shall also evaluate the project report on the same day of viva voce as per the examination format.

Assessment/ Marks distribution

Credits: 3	Assessment type	Marks	TOTAL
Summative assessment	Project report	40	60
	Viva	20	
Internal assessment	Field visit	20	40
	Marks to be allotted by the guide based on skill, knowledge, punctuality, involvement in the project(overall performance)	20	
		Maximum marks	100

Signature of BoS members:

1.	Dr. Nijalingappa T. B.	:	
2.	Sri Dakshinamurthy K	:	
3.	Dr. Aruna Kumar D B	:	
4.	Dr. Aisha Siddekha	:	
5.	Dr. Nirmala B.	:	
6.	Dr. G. Venkateshappa	:	
7.	Dr. Suchetan P. A.	:	


Dr. Prakash M. Shet

BoS (UG & PG/Ph.D.) Chemistry
Professor & BoS Chairman
Tumkur University, Tumkur-572103

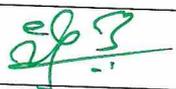
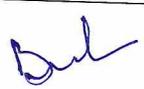
PROCEEDINGS OF THE BOS (UG & PG) IN CHEMISTRY

A meeting of the Board of Studies in Chemistry (UG and PG) was held on 11th April -2025 at 10.30AM at Department of Chemistry, University College of Science, Tumkur University. The Chairman of the meeting welcomed the members and briefed about the agenda of the meeting.

Agenda: Preparation of the guidelines/syllabus for Internship to 6th semester students of B.Sc., Chemistry programme of Tumkur University.

The Board after thorough discussion prepared the structure/syllabus for the internship program in chemistry. The board also recommended the mode of the examination of internship. The details of the program is given in the syllabus. The meeting concluded with the vote of thanks by Dr. Aruna Kumar D .B.

Signature of BoS members:

1.	Dr. Nijalingappa T. B.	:	
2.	Sri Dakshinamurthy K	:	
3.	Dr. Aruna Kumar D B	:	
4.	Dr. Aisha Siddekha	:	
5.	Dr. Nirmala B	:	
6.	Dr. G. Venkateshappa	:	
7.	Dr. Suchetan P. A.	:	


Dr. Prakash M Shet
CHAIRMAN
BoS (UG & PG/Ph.D.) Chemistry
Professor & BoS Chairman
Tumkur University, Tumkur-572103