# SRINIVAS UNIVERSITY

## Syllabus copy of the Project/Internship

| Si No | Name of the Programmes | Programme Code | Link |
|---|---|---|---|
| 1. | MBA (Master of Business Administration) | MBA | View Document |
| 2. | BBA (Bachelor of Business Administration) | BBA | View Document |
| 3. | B.Sc (Interior Design) | BSC (ID) | View Document |
| 4. | B.Com (Bachelor of Commerce) | BCOM | View Document |
| 5. | MSW (Master of Social Work) | MSW | View Document |
| 6. | BA (Journalism & Mass Communication) | BA (J) | View Document |
| 7. | BSW (Bachelor of Social Work) | BSW | View Document |
| 8. | BCA (Bachelor of Computer Applications) | BCA | View Document |
| 9. | MCA (Master of Computer Applications) | MCA | View Document |
| 10. | B. Tech (Civil Engineering) | BTECH (CV) | View Document |
| 11. | B. Tech (Computer Science Engineering) | BTECH (CSE) | View Document |
| 12. | B. Tech (Electronics and Communication Engineering) | BTECH (EC) | View Document |
| 13. | B. Tech (Mechanical Engineering) | BTECH (ME) | View Document |
| 14. | B. Tech (Artificial Intelligence and Machine Learning) | BTECH (AIML) | View Document |

| | | | |
|---|---|---|---|
| 15. | M.Tech (Computer Science Engineering) | MTECH (CSE) | View Document |
| 16. | M.Tech (Civil Engineering) | MTECH (CV) | View Document |
| 17. | M.Tech (Mechanical Engineering) | MTECH (ME) | View Document |
| 18. | B.Sc (Medical Imaging Technology) | BSC (MIT) | View Document |
| 19. | B.Sc (Cardio-Vascular Technology) | BSC (CVT) | View Document |
| 20. | B.Sc (Respiratory Therapy) | BSC (RT) | View Document |
| 21. | B.Sc (Medical Laboratory Technology) | BSC (MLT) | View Document |
| 22. | B.Sc (Renal Dialysis Technology) | BSC (RDT) | View Document |
| 23. | B.Sc (Perfusion Technology) | BSC (PT) | View Document |
| 24. | B.Sc (Anaesthesia & OT Technology) | BSC (AOT) | View Document |
| 25. | B.Sc (Optometry) | BSC (O) | View Document |
| 26. | B.Sc (Forensic Science & Criminology) | BSC (FS) | View Document |
| 27. | B.Sc (Cardiac care Technology) | BSC (CCT) | View Document |
| 28. | B.Sc (Digital & Cyber Forensic Science) | BSC (DCFS) | View Document |
| 29. | B.Sc (Clinical Psychology) | BSC (CP) | View Document |
| 30. | B.Sc (Virology & Immunology ) | BSC (IV) | View Document |
| 31. | M.Sc (Forensic Science) | MSC (FS) | View Document |
| 32. | M.Sc (Forensic Science & Criminology) | MSC (FSC) | View Document |
| 33. | M.Sc (Cyber Security & Forensic Science) | MSC (CS) | View Document |
| 34. | M.Sc (Clinical Psychology) | MSC (CP) | View Document |
| 35. | BPT (Bachelor of Physiotherapy) | BPT | View Document |

| | | | |
|---|---|---|---|
| 36. | MPT (Master of Physiotherapy) | MPT | View Document |
| 37. | BHMCT (Bachelor of Hotel Management and Catering Technology) | BHMCT | View Document |
| 38. | B.Sc (Hotel Management) | BSC (HM) | View Document |
| 39. | B.Ed (Bachelor of Education) | BED | View Document |
| 40. | B.Sc (Nursing) | BSC (N) | View Document |
| 41. | M.Com., ( Master of Commerce) | M.Com | View Document |

| Subject Code | 21MBAP46 | IA Marks | 50 |
|---|---|---|---|
| Number of Lecture Hours/Week | 24 (L) | Exam Marks | 50 |
| Total Number of Lecture Hours | 60 | Total Marks | 100 |
| Credits | 4 | Exam Hours | 20 |
| Mode of Delivery | | RM | |

## COURSE OBJECTIVES:
1. To understand the actual modality of field study
2. To get hands on experience in data collection, report writing
4. To develop knowledge of research design
5. To convert theoretical knowledge in to practical.

## COURSE OUTCOMES:
A.Gain hands-on experience in a professional setting, enhancing skills relevant to the student's field of study.• Answer the queries and involve in debate/discussion.

B. Apply theoretical knowledge learned in academic courses to real-world scenarios, understanding the practical implications and applications of their studies.

C.Gain a deeper understanding of industry practices, standards, and expectations, including exposure to the latest tools, technologies, and methodologies relevant to the field.

## • INSTRUCTIONS:
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Seminar. Subsequently, the students shall collect the material required for the selected Seminar, prepare synopsis and narrate the methodology to carry out the Seminar work

## SCHEME OF EXAMINATION:
CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)
External Exam: 100 Marks
Total: 200 Marks
Guide: 40%
Internal: 30%
Final Review: 20%
Publication: 10% (Scopus indexed/TR indexed journal)

**Evaluation by the Guide (50 Marks):**
Self-Motivation and Determination – 10 marks
Working within a Team – 10 marks
Regularity – 10 marks
Technical Knowledge and Awareness related to the Project – 20 marks
**Project Report Evaluation (50 Marks):**
Project Report – 20 marks
Description of Concepts and Technical Details – 10 marks
Conclusion and Discussion – 10 marks
Journal Publication – 10 marks
**External                    Project                    Evaluation:                    100                    Marks**

| Subject Code | 20BBA64 | IA Marks | 400 |
|---|---|---|---|
| Number of Lecture Hours/Week | 24 (L) | Exam Marks | 200 |
| Total Number of Lecture Hours | - | Total Marks | 200 |
| Credits | 20 | Exam Hours | 20 |
| Mode of Delivery | | RM | |

**COURSE OBJECTIVES:**

At the end of the course the student will be able to:

• Provide students with hands-on experience in a real-world business environment, allowing them to apply theoretical knowledge gained in the classroom to practical situations.

• Enhance key professional skills such as communication, teamwork, problem-solving, and analytical abilities. This also includes developing a deeper understanding of business practices and ethics.

• Familiarize students with current industry practices and trends.

• Help students in identifying their career interests and goals by providing a taste of various roles and responsibilities within the field of commerce.

**COURSE OUTCOMES:**

A.Gain hands-on experience in a professional setting, enhancing skills relevant to the student's field of study.• Answer the queries and involve in debate/discussion.

B. Apply theoretical knowledge learned in academic courses to real-world scenarios, understanding the practical implications and applications of their studies.

C.Gain a deeper understanding of industry practices, standards, and expectations, including exposure to the latest tools, technologies, and methodologies relevant to the field.

• **INSTRUCTIONS:**

Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Seminar. Subsequently, the students shall collect the material required for the selected Seminar, prepare synopsis and narrate the methodology to carry out the Seminar work

**SCHEME OF EXAMINATION:**

CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**

IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)

External Exam: 100 Marks

Total: 200 Marks

Guide: 40%

Internal: 30%

Final Review: 20%

Publication: 10% (Scopus indexed/TR indexed journal)

**Evaluation by the Guide (50 Marks):**
Self-Motivation and Determination – 10 marks
Working within a Team – 10 marks
Regularity – 10 marks
Technical Knowledge and Awareness related to the Project – 20 marks
**Project Report Evaluation (50 Marks):**
Project Report – 20 marks
Description of Concepts and Technical Details – 10 marks
Conclusion and Discussion – 10 marks
Journal Publication – 10 marks
**External Project Evaluation: 200 Marks**

# FIELD STUDY PROJECT (DSC)

| Subject Code | 21BSCID801 | Internal Assessment Marks | 150 |
|---|---|---|---|
| Number of Lecture Hours/Week | 00 | Exam Marks | 600 |
| Total Number of Days (Training) | 120 | Total Marks | 750 |
| Credits | 24 | Exam Hours | 2 |

**Course Objectives**
1. The basic objective of the field study is to provide advanced practical exposure of the interior design industry functioning and to acquaint students with the culture of corporate industry.
2. The organization may assign a specific project to the students, which will be completed by him / her during the period of field study.
3. The work done by the students during the training period shall be submitted in the form of a report as per the guidelines provided by the Department.

**Course Outcomes**
CO1: Understand to take responsibility of the training & summaries informative works as much as can.
CO2: Analyze & compare need of document what they observed, they should ask lots of questions and show initiative.
CO3: Plan & get solution on work, should be creative, exciting, noteworthy and detailed.
CO4: Develop & create detailed report and submit to the college.

REQUIREMENT
1. Each student is expected to do research under a department approved guide / adviser.
2. The topic chosen should preferably relate to the design project.
3. Students should develop their work under following areas:
   - Students have to do an in-depth investigation into any topic of the chosen area.
   - Students should do data analysis, inferences to establish underlying principles.
   - Students should do evaluation of existing theory in new and modern concepts.
   - Establishment of a hypothesis and its substantiation.
4. The particulars of schedule, content presentation, format, etc., as decided by the department from time to time, shall be strictly followed.
5. The progress will be periodically reviewed by staff in charge.

**SCHEME OF EXAMINATION FOR END SEMESTER EXAMINATION OF 600 MARKS:**

**Time: 2 hours**                                                                    **Max. Marks: 600**

| | |
|---|---|
| Maintaining and submitting work sheets in Black hard binded book, certified by the Dean and Faculty in charge on the given date. | 300 MARKS |
| Work knowledge & skills | 200 MARKS |
| Viva | 100 MARKS |
| **TOTAL** | **600 MARKS** |

No. of students per session: **15**
No. of sessions per day: **TWO**

| Subject Code | 20BCM68 | IA Marks | 400 |
|---|---|---|---|
| Number of Lecture Hours/Week | 24 | Exam Marks | 200 |
| Total Number of Lecture Hours | - | Total Marks | 200 |
| Credits | 20 | Exam Hours | 20 |
| Mode of Delivery | | RM | |

**COURSE OBJECTIVES:**
At the end of the course the student will be able to:

• Provide students with hands-on experience in a real-world business environment, allowing them to apply theoretical knowledge gained in the classroom to practical situations.

• Enhance key professional skills such as communication, teamwork, problem-solving, and analytical abilities. This also includes developing a deeper understanding of business practices and ethics.

• Familiarize students with current industry practices and trends.

• Help students in identifying their career interests and goals by providing a taste of various roles and responsibilities within the field of commerce.

**COURSE OUTCOMES:**
A. Gain hands-on experience in a professional setting, enhancing skills relevant to the student's field of study.• Answer the queries and involve in debate/discussion.

B. Apply theoretical knowledge learned in academic courses to real-world scenarios, understanding the practical implications and applications of their studies.

C. Gain a deeper understanding of industry practices, standards, and expectations, including exposure to the latest tools, technologies, and methodologies relevant to the field.

• **INSTRUCTIONS:**
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Seminar. Subsequently, the students shall collect the material required for the selected Seminar, prepare synopsis and narrate the methodology to carry out the Seminar work

**SCHEME OF EXAMINATION:**
CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)
External Exam: 100 Marks
Total: 200 Marks
Guide: 40%
Internal: 30%
Final Review: 20%
Publication: 10% (Scopus indexed/TR indexed journal)

**Evaluation by the Guide (50 Marks):**
Self-Motivation and Determination – 10 marks
Working within a Team – 10 marks
Regularity – 10 marks
Technical Knowledge and Awareness related to the Project – 20 marks
**Project Report Evaluation (50 Marks):**
Project Report – 20 marks
Description of Concepts and Technical Details – 10 marks
Conclusion and Discussion – 10 marks
Journal Publication – 10 marks
**External Project Evaluation: 200 Marks**

# SEMESTER 6

**Bachelor of Social Work (BSW)**

**21BSW51 Internship & Dissertation to produce a News Magazine & Viva-Voce**

| | 21BSW51 | <u>IA Marks</u><br>Internal Assessment<br>Field practicum +<br>Project<br>150 +150 = 300 | 300<br>Marks |
|---|---|---|---|
| Subject Code | | | |
| | -- | <u>Exam Marks</u><br>External Assessment<br>Field practicum +<br>Project<br>150 +150 = 300<br>Viva-Voce exam = 150 | 450<br>Marks |
| Number of Lecture Hours/Week | | | |
| Total Number of Hours<br>Internship & Dissertation to produce a<br>News Magazine & Viva-Voce | 320 | <br><br><br>Total Marks | 750<br>Marks |
| Credits | 28 | Exam Hours | - |

# SEMESTER 6

## Bachelor of Arts (BA Journalism and Mass Communication)

**21BAJ51 Internship & Dissertation to produce a News Magazine & Viva-Voce**

| | | | |
|---|---|---|---|
| Subject Code | 21BAJ51 | <u>IA Marks</u><br>Internal Assessment<br>Field practicum +<br>Project<br>150 +150 = 300 | 300<br>Marks |
| Number of Lecture Hours/Week | -- | Exam Marks<br>External Assessment<br>Field practicum +<br>Project<br>150 +150 = 300<br>Viva-Voce exam = 150 | 450<br>Marks |
| Total Number of Hours<br>Internship & Dissertation to produce a<br>News Magazine & Viva-Voce | 320 | <br><br><br>Total Marks | 750<br>Marks |
| Credits | 28 | Exam Hours | - |

# SEMESTER 6

**Bachelor of Social Work (BSW)**

**21BSW51 Internship & Dissertation to produce a News Magazine & Viva-Voce**

| | 21BSW51 | IA Marks | 300 |
|---|---|---|---|
| Subject Code | | Internal Assessment Field practicum + Project 150 +150 = 300 | Marks |
| Number of Lecture Hours/Week | -- | Exam Marks External Assessment Field practicum + Project 150 +150 = 300 Viva-Voce exam = 150 | 450 Marks |
| Total Number of Hours Internship & Dissertation to produce a News Magazine & Viva-Voce | 320 | Total Marks | 750 Marks |
| Credits | 28 | Exam Hours | - |

**PROJECT WORK**

| Subject Code | 21CAPJ-1 | IA Marks | 375 |
|---|---|---|---|
| Number of Lecture Hours/Week | 25 | Exam Marks | 375 |
| Total Number of Lecture Hours | - | Total Marks | 750 |
| Credits | 25 | Exam Hours | 02 |
| Mode of Delivery | | RM | |

**COURSE OBJECTIVES:**
Project work has been made a part of BCA course to give students exposure in development of quality software solution. The primary emphasis of the project work is to understand and gain the knowledge of the principles of software engineering practices. As such, during the development of the project students shall involve themselves in all the stages of the software development life cycle (SDLC) like requirements analysis, systems design, software development/coding, testing and documentation, with an overall emphasis on the development of reliable software systems. Since, the project work spans over the entire final semester, the students shall be advised to take up projects for solving problems of software industry or any research organization or the real life problems suggested by the faculty in-charge of BCA project work in the institutions. Topics thus selected, should be complex and large enough to justify as a BCA project. The project should be genuine and original in nature and should not be copied from anywhere else.

**COURSE OUTCOMES:**
Each student, under the guidance of a faculty, is required to:
• Present the seminar on the selected Project orally.

• Answer the queries.

• Submit two copies of the typed report.

**INSTRUCTIONS:**
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the project. Subsequently, the students shall collect the information required for the selected project, prepare synopsis and narrate the methodology to carry out the project work

**SCHEME OF EXAMINATION:**
CIE marks for the project report and project shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 375 Marks
External Exam: 375 Marks
Total: 750 Marks
Guide: 40%
Internal: 30%
Final Review: 30%

**Evaluation by the Guide (200 Marks):**
Self-Motivation and Determination – 25 marks
Working within a Team – 50 marks
Regularity – 25 marks
Technical Knowledge and Awareness related to the Project – 100 marks
**Project Report Evaluation (175 Marks):**
Project Report – 100 marks
Description of Concepts and Technical Details – 50 marks
Conclusion and Discussion – 25 marks
**External Project Evaluation: 375 Marks**

**PROJECT WORK**

| Subject Code | 21MCA43 | IA Marks | 250 |
|---|---|---|---|
| Number of Lecture Hours/Week | - | Exam Marks | 250 |
| Total Number of Lecture Hours | - | Total Marks | 500 |
| Credits | 20 | Exam Hours | 02 |
| Mode of Delivery | | RM | |

**COURSE OBJECTIVES:**
Project work has been made a part of MCA course to give students exposure in development of quality software solution. The primary emphasis of the project work is to understand and gain the knowledge of the principles of software engineering practices. As such, during the development of the project students shall involve themselves in all the stages of the software development life cycle (SDLC) like requirements analysis, systems design, software development/coding, testing and documentation, with an overall emphasis on the development of reliable software systems. Since, the project work spans over the entire final semester, the students shall be advised to take up projects for solving problems of software industry or any research organization or the real life problems suggested by the faculty in-charge of MCA project work in the institutions. Topics thus selected, should be complex and large enough to justify as a MCA project. The project should be genuine and original in nature and should not be copied from anywhere else.

**COURSE OUTCOMES:**
Each student, under the guidance of a faculty, is required to:
• Present the seminar on the selected Project orally.

• Answer the queries.

• Submit two copies of the typed report.

**INSTRUCTIONS:**
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the project. Subsequently, the students shall collect the information required for the selected project, prepare synopsis and narrate the methodology to carry out the project work

**SCHEME OF EXAMINATION:**
CIE marks for the project report and project shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 250 Marks
External Exam: 250 Marks
Total: 500 Marks
Guide: 40%
Internal: 30%
Final Review: 30%

**Evaluation by the Guide (125 Marks):**
Self-Motivation and Determination – 25 marks
Working within a Team – 25 marks
Regularity – 25 marks
Technical Knowledge and Awareness related to the Project – 50 marks
**Project Report Evaluation (125 Marks):**
Project Report – 75 marks
Description of Concepts and Technical Details – 25 marks
Conclusion and Discussion – 25 marks
**External Project Evaluation: 250 Marks**

# PROJECT WITH APPLIED PATENT

| | | | | |
|---|---|---|---|---|
| **Sub Code :** | 21SCV82 | **IA Marks :** | 100 |
| **Hrs/ Week :** | 26 | **Exam Hours :** | --- |
| **Credits :** | 12 | **Exam Marks:** | 100 |
| | | **Total Marks :** | 200 |

## COURSE OBJECTIVES:
At the end of the course the student will be able to:
1. Demonstrate a sound technical knowledge of their selected project topic.
2. Undertake problem identification, formulation and solution.
3. Design engineering solutions to complex problems utilising a systems approach.
4. Communicate with engineers and the community at large in written an oral forms.
5. Demonstrate the knowledge, skills and attitudes of a professional engineer.

## COURSE OUTCOMES:
Each student, under the guidance of a Faculty, is required to:

CO1: Present the seminar on the selected Project orally and/or through power point slides.

CO2: Answer the queries and involve in debate/discussion.

CO3: Submit the typed report with a list of references.

CO4: The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

CO5: Demonstrate the knowledge, skills and attitudes of a professional engineer.

### Instructions:
Students in consultation with the guide/s shall carry out literature survey / visit industries to finalize the topic of the Project. Subsequently, the students shall collect the material required for the selected project, prepare synopsis and narrate the methodology to carry out the project work
1. Two reviews will be conducted (excluding the external review). Apart from this the guides have to review the project and the project report as per the specified guidelines.
2. The students have to submit the abstract (as per the given format) and based on willingness of the guide the students are permitted for Project work.
3. The assessments will be done in the scaling of 1-5 for each component of the project done through rubrics.

### Scheme of Examination:
CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question and answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

Distribution of the marks is as follows:

      Part 1 (Internal Evaluation): 100 marks

      Part 2 (External Evaluation): 100 marks

      Total: 200 marks

**Marks distribution (Internal Evaluation): 100 marks**
- Continuous Assessment: 40 marks (Regularity, Working as a Team)
- Guide's Evaluation: 30 marks (Technical Knowledge, Awareness)
- Presentation with PPT: 20 marks
- Journal Publication: 10 marks


**Marks distribution (External Evaluation):  100 marks**

This includes the following:
- Title and Concept of the Project – 10 marks
- Scope, Problem Definition and Objective of the Project – 10 marks
- Literature Review – 10 marks
- Methodology and Work details – 30 marks
- Conclusion and Discussion – 10 marks
- Journal Publication – 10 marks
- Overall presentation – 20 marks

**PROJECT ( WITH PATENT APPLICATION )**

| Sub Code | 21SCS82 | IA Marks : | 100 |
|---|---|---|---|
| Hrs/ Week | 24 | Exam Hours : | |
| Credits | 12 | Exam Marks: | 100 |
| Mode of Delivery: | RM | Total Hours : | 45 |

**Course Objectives:**

- Demonstrate a sound technical knowledge of their selected project topic.
- Undertake problem identification, formulation and solution.
- Design engineering solutions to complex problems utilising a systems approach.
- Communicate with engineers and the community at large in written an oral forms.
- Demonstrate the knowledge, skills and attitudes of a professional engineer.

**Course Outcomes:** Each student, under the guidance of a Faculty, is required to:

CO1: Present the seminar on the selected Project orally and/or through power point slides.

CO2: Answer the queries and involve in debate/discussion.

CO3: Submit the typed report with a list of references.

CO4: The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

CO5: Demonstrate the knowledge

**Instructions:** Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Project. Subsequently, the students shall collect the material required for the selected project, prepare synopsis and narrate the methodology to carry out the project work

 1. Two reviews will be conducted (excluding the zeroth review and final review). Apart from this the guides have to review the project and the project report as per the specified guidelines.

 2. The students have to submit the abstract (as per the given format) and based on willingness of the guide the students are permitted for Project work.

3. The assessments will be done in the scaling of 1-5 for each component of the project done through rubrics.

**Scheme of Examination:** CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question and answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

Distribution of the Marks:
IA Mark: 100 Marks
External Exam: 100 Marks
Total: 200 Marks

**PROJECT WORK (WITH OPTION OF PATENT APPLICATION)**

| Subject Code | 21SEC82 | IA Marks | 100 |
|---|---|---|---|
| Number of Lecture Hours/Week | 24 (L) | Exam Marks | 100 |
| Total Number of Lecture Hours | - | Total Marks | 200 |
| Credits | 12 | Exam Hours | 02 |
| Mode of Delivery | | RM | |

**COURSE OBJECTIVES:**
At the end of the course the student will be able to:
• Demonstrate a sound technical knowledge of their selected project topic.
• Undertake problem identification, formulation and solution.
• Design engineering solutions to complex problems utilizing a systems approach.
• Communicate with engineers and the community at large in written an oral form.
• Demonstrate the knowledge, skills and attitudes of a professional engineer.

**COURSE OUTCOMES:**
Each student, under the guidance of a faculty, is required to:
• Present the seminar on the selected Project orally and/or through power point slides.
• Answer the queries and involve in debate/discussion.
• Submit two copies of the typed report with a list of references.
• The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

**INSTRUCTIONS:**
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Seminar. Subsequently, the students shall collect the material required for the selected Seminar, prepare synopsis and narrate the methodology to carry out the Seminar work

**SCHEME OF EXAMINATION:**
CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)
External Exam: 100 Marks
Total: 200 Marks
Guide: 40%
Internal: 30%
Final Review: 20%
Publication: 10% (Scopus indexed/TR indexed journal)

**Evaluation by the Guide (50 Marks):**
Self-Motivation and Determination – 10 marks
Working within a Team – 10 marks
Regularity – 10 marks
Technical Knowledge and Awareness related to the Project – 20 marks
**Project Report Evaluation (50 Marks):**
Project Report – 20 marks
Description of Concepts and Technical Details – 10 marks
Conclusion and Discussion – 10 marks
Journal Publication – 10 marks
**External Project Evaluation: 100 Marks (SEE)**

**PROJECT (WITH PATENT APPLICATION )**

| Sub Code: | 21SME82 | IA Marks: | 100 |
|---|---|---|---|
| Lab/Practice Hours/Week | 24 | Exam Marks: | 100 |
| Credits: | | 12 | |

**Course Objectives:**

At the end of the course the student will be able to:

☐ Demonstrate a sound technical knowledge of their selected project topic.

☐ Undertake problem identification, formulation and solution.

☐ Design engineering solutions to complex problems utilising a systems approach.

☐ Communicate with engineers and the community at large in written an oral forms.

☐ Demonstrate the knowledge, skills and attitudes of a professional engineer.

**Course Outcomes:**

Each student, under the guidance of a Faculty, is required to:

CO1: Present the seminar on the selected Project orally and/or through power point slides.

CO2: Answer the queries and involve in debate/discussion.

CO3: Submit the typed report with a list of references.

CO4: The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

CO5: Demonstrate the knowledge.

**Instructions:**

Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Project. Subsequently, the students shall collect the material required for the selected project, prepare synopsis and narrate the methodology to carry out the project work.

1. Two reviews will be conducted (excluding the zeroth review and final review). Apart from this the guides have to review the project and the project report as per the specified guidelines.

2. The students have to submit the abstract (as per the given format) and based on willingness of the guide the students are permitted for Project work.

The assessments will be done in the scaling of 1-5 for each component of the project done through rubrics.

**Scheme of Examination:**

CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question and answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**

IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)

External Exam: 100 Marks

Total: 200 Marks

Guide: 40%

Internal: 30%

Final Review: 20%

## PROJECT WORK (WITH OPTION OF PATENT APPLICATION)

| Subject Code | 21SAL82 | IA Marks | 100 |
|---|---|---|---|
| Number of Lecture Hours/Week | 24 (Lab) | Exam Marks | 100 |
| Total Number of Lecture Hours | - | Total Marks | 200 |
| Credits | 12 | Exam Hours | 02 |
| Mode of Delivery | | BM | |

**COURSE OBJECTIVES:**
At the end of the course the student will be able to:
• Demonstrate a sound technical knowledge of their selected project topic.

• Undertake problem identification, formulation and solution.

• Design engineering solutions to complex problems utilizing a systems approach.

• Communicate with engineers and the community at large in written an oral form.

• Demonstrate the knowledge, skills and attitudes of a professional engineer.

**COURSE OUTCOMES:**
Each student, under the guidance of a faculty, is required to:
• Present the seminar on the selected Project orally and/or through power point slides.

• Answer the queries and involve in debate/discussion.

• Submit two copies of the typed report with a list of references.

• The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

**INSTRUCTIONS:**
Students in consultation with the guide/s shall carry out literature survey/ visit industries to finalize the topic of the Seminar. Subsequently, the students shall collect the material required for the selected Seminar, prepare synopsis and narrate the methodology to carry out the Seminar work

**SCHEME OF EXAMINATION:**
CIE marks for the project report and seminar shall be awarded (based on the quality of report and presentation skill, participation in the question-and-answer session by the student) by the committee constituted for the purpose by the Head of the Department. The committee shall consist of two faculty from the department with the senior most acting as the Chairman.

**Distribution of the Marks:**
IA Mark: 100 Marks (Evaluation of the work 40 + Demonstration 30 + Report 30)
External Exam: 100 Marks
Total: 200 Marks
Guide: 40%
Internal: 30%
Final Review: 20%

Publication: 10% (Scopus indexed/TR indexed journal) BoS Chairman Dean 138

**Evaluation by the Guide (50 Marks):**
Self-Motivation and Determination – 10 marks
Working within a Team – 10 marks
Regularity – 10 marks
Technical Knowledge and Awareness related to the Project – 20 marks
**Project Report Evaluation (50 Marks):**
Project Report – 20 marks
Description of Concepts and Technical Details – 10 marks
Conclusion and Discussion – 10 marks
Journal Publication – 10 marks
**External Project Evaluation: 100 Marks (SEE)**

## IV SEMESTER

| 1 | 20SCSE43 | Final Evaluation of Project Work and Viva- Voce |
|---|----------|------------------------------------------------|

1).Project Phase – I : 6 weeks duration shall be carried out between II and III Semester. Candidates in consultation with guide shall carryout literature survey / visit to Industries to finalize the topic of dissertation.

2) Internship:- 24 weeks Duration in 3rd Semester, Evaluation of Marks - Presentation : 25 marks, Report writing and Submission :75 marks and At the end of Internship Viva-Voce Exams shall be conducted for 50 marks.

3).Project Work : 20 weeks duration in IV Semester carries total marks of 250.

4)Project Phase II: 4 days for project work in a week during IV Semester. Evaluation shall be taken during the 8th week of the IV Semester. Total Marks shall be 25.

5).Project Phase – III : Evaluation shall be taken up at the end of the IV Semester for 25 marks. After the Project report is submitted, Project Work Evaluation and Viva-Voce Examination shall be conducted. Total Marks Shall be 50+50+100=200 ( 50 Marks for Internal Guide,50 Marks for External and 100 for Viva-Voce ).

Marks of Evaluation of Project:

I) The I.A. Marks of Project Phase – II & III shall be sent to the University along

with Project Work report at the end of the Semester.

II) The Project Valuation and Viva-Voce will be conducted by a committee consisting of the following:

a) Head of the Department (Chairman)

b) Guide

c) Two Examiners appointed by the university.(out of two external examiners at least one should be present).

## M.TECH IN STRUCTURAL ENGINEERING
## IV SEMESTER

| Sl. No | Subject Code | Title | Teaching | | | Exam | | | Credits |
|--------|--------------|-------|----------|----------|-----|----|------|-------|---------|
| | | | Theory | Tutorial | Lab | IA | Exam | TOTAL | |
| 1 | 20SCSE41 | Project Work phase-1 | - | - | - | 50 | - | 50 | 01 |
| 2 | 20SCSE42 | Report of Project Work | - | - | - | 50 | - | 50 | 03 |
| 3 | 20SCSE43 | Final Evaluation of Project Work and Viva-Voce | - | - | - | 100 | 100 | 200 | 06 |
| | | | | | | 200 | 100 | 300 | 10 |

**Project Phase-1:** Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected Project work. Each student shall prepare relevant introductory project document, and present a seminar. IA marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department. The IA marks awarded for project work phase:1, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session.

**2. Final Evaluation of Project Work and Viva-Voce:** Students in consultation with the guide/co-guide if any, shall prepare relevant project report, and present a seminar. IA marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department based on the evaluation of Project Report, Project Presentation skill and Question and Answer session. Examination marks shall be awarded by External Guide and the Internal Guide/co-guide if any, based on the evaluation of Project Report, Project Presentation skill and Question and Answer session.

# M.TECH IN COMPUTER INTEGRATED MANUFACTURING

## IV SEMESTER

| Sl. No | Subject Code | Title | Teaching | | | Exam | | | Credits |
|--------|--------------|-------|----------|--------|-----|-----|------|-------|---------|
| | | | Theory | Tutorial | Lab | IA | Exam | TOTAL | |
| 1 | 20SCM41 | Project Work | - | - | - | 50 | - | 50 | 01 |
| 2 | 20SCM42 | Report of Project Work | - | - | - | 50 | - | 50 | 03 |
| 3 | 20SCM43 | Final Evaluation of Project Work and Viva-Voce | - | - | - | 100 | 100 | 200 | 06 |
| | | | | | | **200** | **100** | **300** | **10** |

**Note:**

1. **Project Work:** Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected Project work. Each student shall prepare relevant introductory project document, and present a seminar. IA marks shall be awarded by a committee comprising of HOD as Chairman, Guide/co-guide if any, and a senior faculty of the department. The IA marks awarded for project work, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session.

2. **Final Evaluation of Project Work and Viva-Voce:** Students in consultation with the guide/co-guide if any, shall prepare relevant project report, and present a seminar. IA marks shall be awarded by a committee comprising of HOD as Chairman, Guide/co-guide if any, and a senior faculty of the department based on the evaluation of Project Report, Project Presentation skill and Question and Answer session. Examination marks shall be awarded by External Guide and the Internal Guide/co-guide if any, based on the evaluation of Project Report, Project Presentation skill and Question and Answer session.

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCMIT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1st – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

## COURSE OBJECTIVES:

- Medical Imaging Technologist to develop professional network within the opted career field.
- Medical Imaging Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | TOTAL | 750 | |

INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)

| Name of the Student: |
|---|
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

## RESEARCH PROJECT REPORT

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCMIT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1<sup>st</sup>) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCCVT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Cardio Vascular Technologist to develop professional network within the opted career field.
- Cardio Vascular Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCCVT801 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>&#10070; Title Page and Certificate Page<br>&#10070; Acknowledgement<br>&#10070; Table of Contents<br>&#10070; List of figures, tables and abbreviation<br>&#10070; Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

## CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCRT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Respiratory Therapist to develop professional network within the opted career field.
- Respiratory Therapist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCRT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCMLT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Medical Lab Technologist to develop professional network within the opted career field.
- Medical Lab Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:
Registration No.:
Name and Address of the Organization:
Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|-------------------|-------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCMLT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1$^{st}$) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | **24** | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCRDT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1<sup>st</sup> – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Renal Dialysis Technologist to develop professional network within the opted career field.
- Renal Dialysis Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
|---|
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL <br><br> • State the problem <br> • State the purpose <br> • Examine the literature review <br> • List any research objectives, questions or hypothesis <br> • Identify the research design and study variables <br> • Describe the sample size <br> • List the statistical procedures conducted for the study <br> • List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCRDT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1$^{st}$) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | 02 |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCPT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1st – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Perfusion Technologist to develop professional network within the opted career field.
- Perfusion Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:
Registration No.:
Name and Address of the Organization:
Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCPT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | **24** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

| Subject code | 21BSCAOT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Anaesthesia and Operation Theatre Technologist to develop professional network within the opted career field.
- Anaesthesia and Operation Theatre Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCAOT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | **24** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCOP701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Optometrist to develop professional network within the opted career field.
- Optometrist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:
Registration No.:
Name and Address of the Organization:
Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCOP801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1$^{st}$) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

## CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|-------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

| Subject code | 21BSCFS701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1st – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Forensic science to develop professional network within the opted career field.
- Forensic science to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)

| Name of the Student: |
|---|
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

## RESEARCH PROJECT REPORT

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCFS801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1ˢᵗ) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | **24** | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it mustbe hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|:---:|---|---|:---:|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCCCT701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Cardiac Care Technologist to develop professional network within the opted career field.
- Cardiac Care Technologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|-------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCCCT801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1<sup>st</sup>) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCDC701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1<sup>st</sup> – Outside or Inside Srinivas Hospital) | UE Marks | 600 |
| | | Total Marks | 750 |
| Credits | 24 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Digital cyber  to develop professional network within the opted career field.
- Digital cyber  to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

| Subject Code | 21BSCDC801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it mustbe hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | **21BSCCP701** | **IA Marks** | **150** |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1<sup>st</sup> – Outside or Inside Srinivas Hospital) | UE Marks | **600** |
| | | Total Marks | **750** |
| **Credits** | **24** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Clinical Psychologist to develop professional network within the opted career field.
- Clinical psycologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

# SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCCP801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1<sup>st</sup>) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | **24** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:
Registration No.:
Name and Address of the Organization:
Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| TOTAL | 300 |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 100 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 50 |
| MANUSCRIPT | 50 |
| TOTAL | 200 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it mustbe hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VII
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 21BSCIMV701 | IA Marks | 150 |
|---|---|---|---|
| Duration | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | **600** |
| | | Total Marks | **750** |
| **Credits** | **24** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Immunology & Virologist to develop professional network within the opted career field.
- Immunology & Virologist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 40 |
| PUNCTUALITY / ATTENDANCE | 80 |
| COMMUNICATION SKILLS | 60 |
| QUALITY OF WORK / DEDICATION | 70 |
| RESPONSIBILITY | 50 |
| **TOTAL** | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL <br><br> • State the problem <br> • State the purpose <br> • Examine the literature review <br> • List any research objectives, questions or hypothesis <br> • Identify the research design and study variables <br> • Describe the sample size <br> • List the statistical procedures conducted for the study <br> • List the Outcome | 150 |
| PRESENTATION OF RESEARCH PROTOCOL | 40 |
| ETHICAL CLEARANCE | 10 |
| TOTAL | 200 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER VIII
## INTERNSHIP AND RESEARCH PROJECT – II

| Subject Code | 21BSCIMV801 | IA Marks | 150 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1$^{st}$) | UE Marks | 600 |
| | | Total Marks | 750 |
| **Credits** | 24 | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 300 | |
| 2. | Research Project Report | 200 | |
| 3. | Online e-course Marks and Completion Certificate | 100 | |
| 4. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| :--- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| :--- | :---: |
| ATTIRE | **40** |
| PUNCTUALITY / ATTENDANCE | **80** |
| COMMUNICATION SKILLS | **60** |
| QUALITY OF WORK / DEDICATION | **70** |
| RESPONSIBILITY | **50** |
| TOTAL | **300** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| :--- | :---: |
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | **100** |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | **50** |
| MANUSCRIPT | **50** |
| TOTAL | **200** |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

| Subject code | 20MPRCFS403 | IA Marks | 100 |
|---|---|---|---|
| Duration | 24 Weeks:180 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 150 |
| | | Total Marks | 250 |
| Credits | 4 | Exam Hours | 02 |

**COURSE OBJECTIVES:**

- Optometrist to develop professional network within the opted career field.
- Optometrist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 75 | |
| 3. | Continuous Internal Assessment (CIA) | 150 | |
| | **TOTAL** | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| |
|---|
| Name of the Student: |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| **TOTAL** | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>&bull; State the problem<br>&bull; State the purpose<br>&bull; Examine the literature review<br>&bull; List any research objectives, questions or hypothesis<br>&bull; Identify the research design and study variables<br>&bull; Describe the sample size<br>&bull; List the statistical procedures conducted for the study<br>&bull; List the Outcome | 30 |
| PRESENTATION OF RESEARCH PROTOCOL | 30 |

| | |
|---|---|
| ETHICAL CLEARANCE | 15 |
| TOTAL | 75 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 50 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 50 |
| **Total** | | | **150** |

| Subject Code | 20MPRCFS403 | IA Marks | 100 |
|---|---|---|---|
| **Duration** | 4Weeks:30 Days (Excluding Week Off and One Casual Leave per Month Starting from SEP 1$^{st}$) | UE Marks | 150 |
| | | Total Marks | 250 |
| **Credits** | 24 | **Exam Hours** | 02 |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---------|----------|---------------|---------------|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 50 | |
| 3. | Continuous Internal Assessment (CIA) | 25 | |
| **TOTAL** | | **100** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:

Registration No.:

Name and Address of the Organization:

Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|----------|--------------|
| ATTIRE | **5** |
| PUNCTUALITY / ATTENDANCE | **5** |
| COMMUNICATION SKILLS | **5** |
| QUALITY OF WORK / DEDICATION | **5** |
| RESPONSIBILITY | **5** |
| TOTAL | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.


**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 30 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 30 |
| MANUSCRIPT | 15 |
| TOTAL | 75 |


**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER IV
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 20MPRCFSC403 | IA Marks | 100 |
|---|---|---|---|
| Duration | 24 Weeks:180 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 150 |
| | | Total Marks | 250 |
| **Credits** | **4** | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Optometrist to develop professional network within the opted career field.
- Optometrist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and team-work skills.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 75 | |
| 3. | Continuous Internal Assessment (CIA) | 150 | |
| **TOTAL** | | **750** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:

Registration No.:

Name and Address of the Organization:

Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| **TOTAL** | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 30 |
| PRESENTATION OF RESEARCH PROTOCOL | 30 |

| | |
|---|---|
| ETHICAL CLEARANCE | 15 |
| TOTAL | 75 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|--------------------|--------------------|-------|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 50 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 50 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 50 |
| **Total** | | | **150** |

## SEMESTER IV
## INTERNSHIP AND RESEARCH PROJECT

| Subject Code | 20MPRCFSC403 | IA Marks | 100 |
|---|---|---|---|
| **Duration** | 4Weeks:30 Days (Excluding Week Off and One Casual Leave per Month Starting from SEP 1$^{st}$) | UE Marks | 150 |
| | | Total Marks | 250 |
| **Credits** | 24 | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve the interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for the medical emergencies.
- Understanding how to collect and analyzing the data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/hers level of exposure and knowledge gained will be assessed. The intern should submit detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 50 | |
| 3. | Continuous Internal Assessment (CIA) | 25 | |
| **TOTAL** | | **100** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:

Registration No.:

Name and Address of the Organization:

Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | **5** |
| PUNCTUALITY / ATTENDANCE | **5** |
| COMMUNICATION SKILLS | **5** |
| QUALITY OF WORK / DEDICATION | **5** |
| RESPONSIBILITY | **5** |
| TOTAL | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection<br>• Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | 30 |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | 30 |
| MANUSCRIPT | 15 |
| TOTAL | 75 |

**BASIC GENERAL INSTRUCTIONS:**

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no.-name-Internship-Project Title. Before submission of the document, student must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---------|-------------------|--------------------|-------|
| **1** | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 25 |
| **2** | Case Study and Presentation | Regular Mode of Assessment | 50 |
| **3** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **100** |

## SEMESTER IV
## INTERNSHIP AND RESEARCH PROJECT – I

| Subject code | 20MPRCDCS403 | IA Marks | 50 |
|---|---|---|---|
| Duration | 4 Weeks:30 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1$^{st}$ – Outside or Inside Srinivas Hospital) | UE Marks | 50 |
| | | Total Marks | 100 |
| Credits | 4 | Exam Hours | 02 |

## COURSE OBJECTIVES:

- Optometrist to develop professional network within the opted career field.
- Optometrist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and teamwork skills.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/her level of exposure and knowledge gained will be assessed. The intern should submit a detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| | Internship Performance Appraisal Form (IPAF) | 25 | |
| | Research Project Report | 15 | |
| | Continuous Internal Assessment (CIA) | 10 | |
| | **TOTAL** | **50** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
|---|
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| **TOTAL** | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 25 |
| PRESENTATION OF RESEARCH PROTOCOL | 10 |
| ETHICAL CLEARANCE | 15 |
| TOTAL | 50 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 20 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 15 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 15 |
| **Total** | | | **50** |

## SEMESTER IV
## INTERNSHIP AND RESEARCH PROJECT

| Subject Code | 20MPRCDCS403 | IA Marks | 50 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 50 |
| | | Total Marks | 100 |
| **Credits** | 4 | **Exam Hours** | **02** |

**COURSE OBJECTIVES:**

- Improve interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for medical emergencies.
- Understanding how to collect and analyze data.
- Provides knowledge on how to publish the final results in a scientific Journal.

**SCHEME OF EXAMINATION:**

The intern will be interviewed by an internal and external examiner at the end of this semester. His/her level of exposure and knowledge gained will be assessed. The intern should submit a detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 15 | |
| 3. | Continuous Internal Assessment (CIA) | 10 | |
| | **TOTAL** | **50** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
|---|
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| TOTAL | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form has to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection | **25** |

| | | |
|---|---|---|
| • Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | | |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | **15** | |
| MANUSCRIPT | **10** | |
| TOTAL | **50** | |

## BASIC GENERAL INSTRUCTIONS:

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no. - name-Internship-Project Title. Before submission of the document, students must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

## CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| **1.** | Case Study and Presentation | Regular Mode of Assessment | 25 |
| **2.** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **50** |

| Subject code | 20MSCCP403 | IA Marks | 50 |
|---|---|---|---|
| Duration | 4 Weeks:30 Days (Excluding Week Off and One Casual Leave per Month Starting from September 1st – Outside or Inside Srinivas Hospital) | UE Marks | 50 |
| | | Total Marks | 100 |
| Credits | 4 | Exam Hours | 02 |

## COURSE OBJECTIVES:

- Optometrist to develop professional network within the opted career field.
- Optometrist to learn communication skills within patients, family members/caregivers and health care professionals.
- Gains researching skills and learns field-oriented skills on online platform.
- Improves problem-solving skills and teamwork skills.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/her level of exposure and knowledge gained will be assessed. The intern should submit a detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| | Internship Performance Appraisal Form (IPAF) | 25 | |
| | Research Project Report | 15 | |
| | Continuous Internal Assessment (CIA) | 10 | |
| | TOTAL | 50 | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

| Name of the Student: |
| --- |
| Registration No.: |
| Name and Address of the Organization: |
| Period of Internship: From _____ To _____ |

| CRITERIA | TOTAL POINTS |
| --- | --- |
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| **TOTAL** | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
| --- | --- |
| PREPARING RESEARCH PROTOCOL<br><br>• State the problem<br>• State the purpose<br>• Examine the literature review<br>• List any research objectives, questions or hypothesis<br>• Identify the research design and study variables<br>• Describe the sample size<br>• List the statistical procedures conducted for the study<br>• List the Outcome | 25 |
| PRESENTATION OF RESEARCH PROTOCOL | 10 |
| ETHICAL CLEARANCE | 15 |
| TOTAL | 50 |

**CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD**

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Log Book / Record / Clinical Competency Manual | Regular Mode of Assessment | 20 |
| 2 | Case Study and Presentation | Regular Mode of Assessment | 15 |
| 3 | Viva-voce at the end of the semester | Regular Mode of Assessment | 15 |
| **Total** | | | **50** |

## SEMESTER IV
## INTERNSHIP AND RESEARCH PROJECT

| Subject Code | 20MSCCP403 | IA Marks | 50 |
|---|---|---|---|
| **Duration** | 20 Weeks:140 Days (Excluding Week Off and One Casual Leave per Month Starting from March 1st) | UE Marks | 50 |
| | | Total Marks | 100 |
| **Credits** | **4** | **Exam Hours** | **02** |

## COURSE OBJECTIVES:

- Improve interpersonal skills, life-long learning skills and professional behavior.
- Able to evaluate and initiate management for medical emergencies.
- Understanding how to collect and analyze data.
- Provides knowledge on how to publish the final results in a scientific Journal.

## SCHEME OF EXAMINATION:

The intern will be interviewed by an internal and external examiner at the end of this semester. His/her level of exposure and knowledge gained will be assessed. The intern should submit a detailed internship program report in the given format.

| Sl. No. | Criteria | Maximum Marks | Marks Awarded |
|---|---|---|---|
| 1. | Internship Performance Appraisal Form (IPAF) | 25 | |
| 2. | Research Project Report | 15 | |
| 3. | Continuous Internal Assessment (CIA) | 10 | |
| | **TOTAL** | **50** | |

**INTERNSHIP PERFORMANCE APPRAISAL FORM (IPAF)**

Name of the Student:

Registration No.:

Name and Address of the Organization:

Period of Internship: From _____ To _____

| CRITERIA | TOTAL POINTS |
|---|---|
| ATTIRE | 5 |
| PUNCTUALITY / ATTENDANCE | 5 |
| COMMUNICATION SKILLS | 5 |
| QUALITY OF WORK / DEDICATION | 5 |
| RESPONSIBILITY | 5 |
| TOTAL | **25** |

(Note: Description has to be included under each criteria)

Important Note: This form has to be filled by the respective organization Staff In-charge/Department HOD.

**RESEARCH PROJECT REPORT**

| CRITERIA | TOTAL POINTS |
|---|---|
| FINAL PROJECT SUBMISSION<br><br>❖ Title Page and Certificate Page<br>❖ Acknowledgement<br>❖ Table of Contents<br>❖ List of figures, tables and abbreviation<br>❖ Main body of Project: Aim of the Project, Introduction, Methodology, Case Study, Conclusion, Reference (*Vancouver Style*), Annexures. (Note: If need any subtopics other than above-mentioned, you can add it)<br><br>Key Points must to be considered:<br><br>• Describe the measurement strategies<br>• Describe the procedures for data collection | **25** |

| | | |
|---|---|---|
| • Describe the researchers interpretation of findings<br>• What study limitations were identified by the researcher?<br>• What suggestions for further study were identified? | | |
| PROJECT PRESENTATION (POWERPOINT OR POSTER) | **15** | |
| MANUSCRIPT | **10** | |
| TOTAL | **50** | |

## BASIC GENERAL INSTRUCTIONS:

1. Project should be 30 pages at a minimum, written only in English. It should have page numbers at the bottom of each page, and typed using 12-point font, 1.5 lines spacing (in MS Word). Use only Times Roman or Times New Roman or Arial typeface. Carefully ensure there are no spelling or grammatical errors. Final Plagiarism report (<10%) must be attached in Annexure.

2. Submission: Submit one final softcopy to the department email-id for a ready reference purpose, in MS-Word format (unsigned version) and PDF formats (signed versions). Please name the file/s in the following format: year-reg.no. - name-Internship-Project Title. Before submission of the document, students must complete oral presentation via PowerPoint or Poster presentation.

3. Binding: After guide approves project, it must be hard bound. Student name and Project title should be clearly visible on the title page. Hard copy should be submitted to the Department and College Office. (Note to the guide: Each department can select one color for their department)

## CONTINUOUS INTERNAL ASSESSMENT (CIA) METHOD

| Sl. No. | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| **1.** | Case Study and Presentation | Regular Mode of Assessment | 25 |
| **2.** | Viva-voce at the end of the semester | Regular Mode of Assessment | 25 |
| **Total** | | | **50** |

# RESEARCH PROJECT

| Subject Code | 21BPTDSE08 | IA Marks | 50 |
| --- | --- | --- | --- |
| Number of Lecture Hours/Week | 8P | Exam Marks | 50 (viva) |
| Total Number of Lecture Hours | 120 | Total Marks | 100 |
| Credits | 04 | Exam Hours | - |

**Course Objectives:**
1. To prepare students for research.
2. To facilitate application of research methodology and biostatistics.

**Course Outcomes:**
At end of course, the candidate will-
**CO1.** Recall the types of research and steps involved in research.
**CO2.** Understand the ethical issues associated with practitioner research.
**CO3.** Collect, analyse, interpret results and give conclusions related to their research.
**CO4.** Draft a manuscript and follow procedure for submission to journals for publication.

## Module

The research work may be in the form of Reviews, Experimental, Non-Experimental, Case series/Case studies. The students have to submit the research project duly signed by the respective Guide and Head of the Institution at end of the course.

**Teaching Methodology:**
Guided training, self-learning, presentations, and discussions.

### Internal Assessment

| Sl. No | Type of Assessment | Mode of Assessment | Marks |
| --- | --- | --- | --- |
| 1 | Final project report | Assessment through the guide | 20 |
| 2 | Manuscript submission | Assessment through the guide | 20 |
| 3 | Paper/poster presentation | Evaluation in conferences | 10 |
| | | **Total** | **50** |

**UNIVERSITY EXAM SCHEME OF EVALUATION:**
Defense Viva: 50 marks

# SRINIVAS UNIVERSITY
## INSTITUTE OF PHYSIOTHERAPY
## MASTER OF PHYSIOTHERAPY (MPT)

# DISSERTATION-I (1<sup>st</sup> sem)

| Subject Code | 21MPT106 | IA Marks | 50 |
|---|---|---|---|
| Number of Hours/Week | 6 | Exam Marks | - |
| Total Number of Lecture Hours | 90 | Total Marks | 50 |
| Credits | 02 | Exam Hours | - |

**Course Objectives:**
1. To make prepare students for research.
2. To facilitate application of research methodology.
3. To encourage students for reviewing evidence and finding the research gap.

**Course Outcomes:**
At the end of course, the candidate will-
**CO1.** Understand the area of selecting and appraising research articles.
**CO2.** Describe the protocol for planning a research proposal.
**CO3.** Prepare a review of literature report related to the topic of his/her interest in specialization.

**Module 1**
Critical appraisal of journal articles, do review of literature and understand various practical difficulties while implementing research into practice. Preparation of a research protocol and will also acquire the skills required for platform presentations. These skills will be assessed through an internal evaluation.

**Teaching Methodology:**
Journal Presentations, mini project (review of literature)                    **90 Hours**

**Final Internal Assessment**

| Sl. No | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Journal presentations | Regular mode of Assessment | 20 |
| 2 | Review of literature and topic selection | Assessment through the guide | 30 |
| | | **Total** | **50** |

**\*This course will not be assessed as Semester End Examination. Evaluation will be conducted internally.**

**E-RESOURCES:**
1. Related scientific publications including guidelines, landmark trials, systematic reviews, meta-analyses and recent trials from various databases like google scholar, Pubmed, web of Science, Research gate, cochrane.

# DISSERTATION-II (2$^{nd}$ sem)

| Subject Code | 21MPT207 | IA Marks | 50 |
|---|---|---|---|
| Number of Hours/Week | 6 | Exam Marks | - |
| Total Number of Lecture Hours | 90 | Total Marks | 50 |
| Credits | 02 | Exam Hours | - |

**Course Objectives:**
1. To prepare students to draft a synopsis protocol in the area of their specialization.
2. To improve skills of platform presentations.

**Course Outcomes:**
At the end of course, the candidate will-
**CO1.** List the steps of research protocol.
**CO2.** Describe the protocol for planning a research proposal.
**CO3.** Plan and prepare a synopsis protocol related to the topic of his/her interest in specialization.

## Module
Framing objectives, design methodology, and decide the appropriate outcome measures and their analysis. Preparationof a research protocol, getting required approvals from the Instituitional Research and Ethics Committee.

**Teaching Methodology:**
Guided training; self-learning.

**90 Hours**

### Final Internal Assessment

| Sl. No | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Synopsis preparation and submission | Regular mode of Assessment | 20 |
| 2 | Synopsis presentation and approval | Assessment through the guide | 30 |
| | | **Total** | **50** |

**\*This course will not be assessed as Semester End Examination. Evaluation will be conducted internally.**

**E-RESOURCES:**
1. Related scientific publications including guidelines, landmark trials, systematic reviews, meta-analyses and recent trials from various databases like google scholar, Pubmed, web of Science, Research gate, cochrane.

# DISSERTATION-III (3<sup>rd</sup> sem)

| Subject Code | 21MPT314 | IA Marks | 50 |
|---|---|---|---|
| Number of Hours/Week | 6 | Exam Marks | - |
| Total Number of Lecture Hours | 90 | Total Marks | 50 |
| Credits | 02 | Exam Hours | - |

**Course Objectives:**
1. To enhance understanding about the thesis report writing and data analysis.
2. To make students work towards preparing a progress report of their data collection and preliminary data analysis in the area of their specialization.
3. To promote conference paper/poster presentations.

**Course Outcomes:**
At the end of course, the candidate will-
**CO1.** Complete 60% of data collection.
**CO2.** Perform preliminary analysis.
**CO3.** Plan and initiate preparation of master chart.

## Module
Data collection, data entry into master chart and analyzing the preliminary set of data.

**Teaching Methodology:**
Guided training; self-learning.

**90 Hours**

### Final Internal Assessment

| Sl. No | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Research progress report presentation | Assessment through the guide | 20 |
| 2 | Data monitoring, compilation and analysis | Assessment through the guide | 20 |
| 3 | Paper/poster presentation | Evaluation in conferences | 10 |
| | | **Total** | **50** |

**\*This course will not be assessed as Semester End Examination. Evaluation will be conducted internally.**

**E-RESOURCES:**
1. Related scientific publications including guidelines, landmark trials, systematic reviews, meta-analyses and recent trials from various databases like google scholar, Pubmed, web of Science, Research gate, cochrane.

# DISSERTATION-IV (4<sup>th</sup> sem)

| Subject Code | 21MPT418 | IA Marks | 50 |
|---|---|---|---|
| Number of Hours/Week | 6 | Exam Marks | 50 (viva) |
| Total Number of Lecture Hours | 90 | Total Marks | 100 |
| Credits | 02 | Exam Hours | - |

**Course Objectives:**
1. To make the student work towards completion of his/her research in the area of his/her specialization.
2. To provide practical knowledge about data analysis.
3. To train to draft a manuscript related to the research work.

**Course Outcomes:**
At the end of course, the candidate will-
**CO1.** Complete entire data collection.
**CO2.** Perform final data analysis.
**CO3.** Plan and prepare manuscript for research publication.

**Module**

Data analysis and preparation of final thesis report; prepare a manuscript related to the dissertation work; select a suitable journal and submission of manuscript.

**Teaching Methodology:**

Guided training; self-learning.

**90 Hours**

**Internal Assessment**

| Sl. No | Type of Assessment | Mode of Assessment | Marks |
|---|---|---|---|
| 1 | Final thesis report | Assessment through the guide | 20 |
| 2 | Manuscript submission | Assessment through the guide | 20 |
| 3 | Paper/poster presentation | Evaluation in conferences | 10 |
| | | **Total** | **50** |

**E-RESOURCES:**
1. Related scientific publications including guidelines, landmark trials, systematic reviews, meta-analyses and recent trials from various databases like google scholar, Pubmed, web of Science, Research gate, Cochrane collaboration.

# RESEARCH ON THE CORE AREA (SPECIALIZATION TRAINING WITH FIELD STUDY PROJECT)

| Subject Code | 21BHMCT81 | IA Marks | 150 |
|---|---|---|---|
| Number of Lecture Hours/Week | 126 DAYS(S) | Exam Marks | 600 |
| Total Number of Lecture Hours | -- | Total Marks | 750 |
| Credits | 28 | Exam Hours | 03 |

**OBJECTIVES:**
Focus of the On-The-Job Training will be on the understanding of Industry Operations, Supervision and Management functions

**SCHEME OF EXAMINATION**

The candidate will be personally interviewed by an External and Internal Examiner. His level of exposure and knowledge gained will be assessed. The candidate should submit a detailed Training Report prepared in the prescribed format.

| CRITERIA | MAXIMUM MARKS | MARKS AWARDED |
|---|---|---|
| Format | 100 | |
| Content in report | 100 | |
| Presentation skills | 100 | |
| SWOT Analysis | 150 | |
| Viva | 150 | |
| OJT P A F (internal) | 150 | |

## INTERNSHIP IN HOTELS (ON THE JOB TRAINING)

| Subject Code | 21BSCHM61 | IA Marks | 150 |
|---|---|---|---|
| Number of Lecture Hours/Week | 126 DAYS (S) | Exam Marks | 600 |
| Total Number of Lecture Hours | -- | Total Marks | 750 |
| Credits | 28 | Exam Hours | 03 |

### OBJECTIVES:

Focus of the On-The-Job Training will be on the understanding of Industry Operations, Supervision and Management functions

### SCHEME OF EXAMINATION

The candidate will be personally interviewed by an External and Internal Examiner. His level of exposure and knowledge gained will be assessed. The candidate should submit a detailed Training Report prepared in the prescribed format.

| CRITERIA | MAXIMUM MARKS | MARKS AWARDED |
|---|---|---|
| Format | 100 | |
| Content in report | 100 | |
| Presentation skills | 100 | |
| SWOT Analysis | 150 | |
| Viva | 150 | |
| OJT P A F (internal) | 150 | |

# BED22EPC 4.4 SCHOOL INTERNSHIP

**Credits: 10**                                                        **Marks: 250**
**Duration: 100 working days**

**OBJECTIVES:**

1. To equip the student teacher to acquire required skill component to be efficient teacher.

2. Focus is on to develop the professional competencies of a student teacher

3. To bring awareness about in depth understanding through field experience and applications of theoretical aspects learnt.

4. To understand wholesome function of a school or educational institution both in the area of academic and administration.

**ACTIVITIES TO BE CONSIDERED AND ASSESSMENT:**

| Sl. No. | Activity (Sl. No. 1 to 8 – Submission of reports) | Process | Assessment Marks Allotted |
|---|---|---|---|
| 1. | School Planning process | Studying SAP (School academic plan) & SDP (School development plan) | 20 |
| 2. | School academic records | Interaction with head master and looking into all the academic records maintained in the school. | 20 |
| 3. | Observing various programmes of the Government under Dept. of Education/ any other similar activities | Observation by involving the student teacher trainees in various programmes like, Mid-day meals Milk supply etc. | 20 |
| 4. | Attending SDMC/PTA meeting | SDMC/PTA constitution and meeting proceedings | 20 |
| 5. | Organizing Co-scholastic / co-curricular activities to the students | Student teachers will organize activities within the school (PE or HE) | 20 |
| 6. | Visit to residential school / BEO office/ BRC office / DIET (any one) | Observations followed by discussions to be recorded. | 20 |
| 7. | Daily notes of lessons along with unit plan / unit test (includes TLM and ICT based lessons) | 10 lesson in each pedagogy, 10x2=20 lessons | 50+50 |

| 8. | Remedial measures in case of differently abler slow learners, learning disables and gifted children. (Depends on students available) | Student teacher organizes the remedial classes below average | 10 |
|---|---|---|---|
| 9. | Viva voce | Monitoring team consists of principal and faculty of the college | 10 |
| 10. | Reports by the supervising authority – Head Master / Head Mistress / Principal of the school | Mentors/ HM of the school/Principal | 10 |
| | | | **Total=250** |

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

| Sub Code: | NRST 405 | IA Marks: | 25 |
|---|---|---|---|
| Lab/Practice Hours/Week | 40HRS 6HRS | Nursing Research& Statistics | 75 |
| | | TOTAL Exam Marks: | 100 |
| Credits: 2 | | | |

## Course Objectives:

At the end of the course the student will be able to:
- Describe the concept of research,terms,need and areas of research in nursing .
- Explain the steps of research process.
- State the purposes and steps of Evidence Based practice.
- Identify and state the research problem and objectives.
- Review the related literature
- Describe the research approaches and designs
- Explain the sampling process.
- Describe the methods of data collection.
- Analyze,Interpret and summarize the research data.
- Explain the use of statistics,scales of measurement and graphical presentationof data.
- Describe the measures of central tendency and variability and methods of Correlation
- Communicate and utilize the research findings.

## Course Outcomes:

Each student, under the guidance of a Faculty, is required to:
- Identify research priority areas
- Formulate research questions /problem statement/hypotheses
- Review related literature on selected research problem and prepare annotated bibliography
- Prepare sample data collection tool
- Analyze and interpret the given data
- Practice computing,descriptive statistics and correlation
- Draw figures and types of graphs on given select data.
- Develop a research proposal
- Plan and conduct a group/individual research project.

- **Instructions:**
  The Course is designed to enable students to develop an understanding of basic concepts of research,research process and statistics.It is further ,structured to conduct/participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care.The hours for practical will be utilized for conducting individual/group research project.

## Scheme of Examination:

The distribution of marks includes in internal assessment ,end university exam and total marks
IA MARKS:25
END UNIVERSITY EXAM:75
TOTAL MARKS:100

NO PRACTICAL EXAMINATION