

Curriculum  
for  
**Post-Doctoral Fellowship  
Course**  
in  
**Gynaec Onco Surgery**



**SRI AUROBINDO UNIVERSITY**

SAIMS HOSPITAL CAMPUS, Indore Ujjain, State Highway, Bhawrasla, Indore,  
Madhya Pradesh 453555

## A GYNAECOLOGIC ONCOLOGIST-THE DEFINITION

A Gynaecologic Oncologist is a specialist in obstetrics and gynaecology, who is trained and assessed as being competent in the comprehensive management of patients with gynaecological cancers i.e., prevention, early detection, investigation, diagnosis and therapeutic modalities including surgery and chemotherapy, research and all effective forms of cancer therapy - preventive, curative, palliative, pain relief, and the total care of the patient's gynaecological cancer or complications resulting there from.

### REGULATIONS AND CURRICULA FOR THE FELLOWSHIP PROGRAM IN GYNAECOLOGIC ONCOLOGY

Sri Aurobindo University, Indore

1. Name of the course : Fellowship (Gynaecologic Onco Surgery)
2. Eligibility for admission :

Candidate seeking admission for Fellowship in Gynaecologic Oncology must possess a recognised degree of MS (or its equivalent recognised degree) in Obstetrics and Gynaecology as specified in the regulations of the National Medical Commission of India from time to time.

3. Obtaining Eligibility Certificate by the University before making Admission

No candidate shall be admitted for any postgraduate degree/diploma course unless the candidate has obtained and produced the eligibility certificate issued by the University. The candidate must make an application to the University with the following documents along with the prescribed fee:

1. MBBS pass / degree certificate issued by the University.
2. Marks cards of all the university examinations passed MBBS course.
3. Attempt Certificate issued by the Principal.
4. Certificate regarding the recognition of the medical college by the Medical Council of India.
5. Completion of internship certificate.
6. In case internship was done in a non-teaching hospital, a certificate from the National Medical Commission of India that the hospital has been recognised for internship.
7. Registration by any State Medical Council

Candidates should obtain the Eligibility Certificate before the last date for admission as notified by the University. A candidate who has been admitted to postgraduate course should register his / her name in the University within a month of admission after paying the registration fee.

#### 4. Duration of Study

The duration of the course shall be for a period of 11 months.

#### 5. Method of Training

The training for the Fellowship program shall be residency pattern with graded responsibilities in the management and treatment of patients entrusted to his/her care. The participation of the students in all facets of educational process is essential. Every candidate should take part in seminars, group discussions, grand rounds, case demonstration, clinics, journal review meetings, CPC and clinical meetings. Every candidate will be required to participate in the teaching and training programme of undergraduate students and post graduate students of obstetrics and gynaecology. Training should include involvement in research studies. The student should be posted to allied specialty departments or institutions

#### 6. Attendance, Progress and Conduct

1. A candidate pursuing the Fellowship program should work in the concerned department of the institution for the full period as a full-time student. No candidate is permitted to run a clinic/laboratory/nursing home while studying postgraduate course.

2. Every student shall attend symposia, seminars, conferences, journal review meetings, grand rounds, CPC, case presentation, clinics and lectures during each year as prescribed by the department and not absent himself / herself from work without valid reasons.

3. Every candidate is required to attend a minimum of 80% of the training during each academic year of the post graduate course. Provided further, leave of any kind shall not be counted as part of academic term without prejudice to minimum 80% attendance of training period every year.

4. Any student who fails to complete the course in the manner stated above shall not be permitted to appear for the University Examinations and won't be awarded fellowship or any certificate

##### 5. Monitoring Progress of Studies:

a. Work diary / Log Book - Every candidate shall maintain a work diary and record of his/her participation in the training programmes conducted by the department such as journal reviews, seminars, etc. (please see Chapter IV for model checklists and logbook specimen copy). Special mention may be made of the presentations by the candidate. The work diary shall be scrutinised and certified by the Head of the Department and Head of the Institution, and presented in the university practical/clinical examination.

b. Exit Exam: The candidate will have to undergo an exit exam at the time of completion of the course. The details of the exams will be as set by the respective Program Director.

## 6. Research Paper:

- a. Every candidate pursuing Fellowship program is required to carry out work on a selected research paper and publish the research paper under the guidance of the Program Director and the Faculty.

### AIMS AND OBJECTIVES :

The Fellowship in Gynecological Oncology is designed as a Subspecialty course aimed at training candidates who having obtained a primary MCI-recognized postgraduate qualification in Obstetrics & Gynecology i.e. MS/MD or equivalent (DNB) and desire to pursue a career in the subspecialty of Gynecological Oncology.

The candidate will receive comprehensive training in the management of patients with gynecological cancers. The program is designed to provide the candidate with every opportunity to gain proficiency in the principles of prevention and early detection, diagnosis and evidence-based treatment, palliative and terminal care. The program also stresses the importance of clinical and basic research relevant to the Subspecialty. A candidate who successfully completes the course will be expected to have gained proficiency in the following:

- Ability to function as an independent consultant clinician in Gynecological Oncology
- Understand the epidemiology of gynecological cancers as also the principles underlying screening, early detection and prevention.
- The candidate should acquire a high level of competency in the performance of colposcopy and LEEP procedures in the management of pre-invasive and micro-invasive lesions of the female genital tract
- Acquire a sound knowledge of gross and microscopic pathology and cytology relevant to gynecological oncology.
- The candidate should be capable of interpreting details of cytopathology and histopathology reports and use this effectively in making decisions regarding treatment and prognosis
- Acquire the necessary skill set and competence to safely perform radical surgery for gynecological cancers including the ability to prevent, recognize and manage any complications arising thereof
- Understand the surgical principles and have the skills necessary to perform appropriate surgical procedures on the GI and Urinary tract as and when required in the management of gynecological cancer and its complications

- Be familiar with principles of management of diseases of the breast
- Be able to perform the following invasive diagnostic procedures i.e. cystoscopy, thoracic and abdominal paracentesis, Fine needle aspiration cytologies , Core biopsies and placement and care of central lines
- Have a detailed knowledge of relevant imaging technologies, (indications and limitations) i.e. Ultrasound, CT, MRI and FDG-PET scans
- Have a sound knowledge of the principles of peri-operative patient care
- Have a sound knowledge of the principles of pain management, palliative care and end-of-life issues
- Acquire an understanding of the principles of radiobiology and radiation physics
- Acquire sound knowledge of the clinical pharmacology of cancer chemotherapy and related treatment modalities. The candidate should develop the skills necessary for the appropriate selection of patients for chemotherapy and the practical use of the available chemotherapeutic options used in the management of gynecological cancer patients.
- Acquire skill in the assessment of the effects of treatment and the care of complications. This includes skill in the assessment of patients after treatment and during follow-up.
- Understand cancer survivorship issues and the principles underlying the management of fertility issues in gynecological cancer patients
- Develop skills in the planning, conduct, reporting and interpretation of research in gynecological oncology
- Understand the psycho-sexual, socio-cultural and economic aspects of cancer management in the Indian setting

## GENERAL RULES

1. The course will be strictly in-service training in nature and the candidate will have all clinical responsibilities including emergency duties .
2. The candidate will actively participate in the weekly Departmental Academic Program which includes didactic lectures, multi-disciplinary tumor board Meetings, Journal clubs, Case discussions and Grand Rounds .
3. The candidate will be required to undertake one research project(thesis) and be responsible for the planning, execution, analysis and presentation of the same. The research topic<sup>5</sup> will be

provided by the Teacher and should be approved within the first 2 months of commencing the course. The conclusions of the study should be presented at a forum within the institution and at a suitable National Oncology conference and the same should also be accepted for publication in a peer-reviewed Journal

4. The candidate will maintain a daily Training Record/Logbook for recording the following:
  - a. Clinical attendance
  - b. Attendance at Departmental/Institutional Meetings
  - c. Record of case presentations and academic activities.
  - d. Record of the patients in whose management the candidate has been actively involved.

### **I Gynecological Oncology Modules**

- **Module 1: General Assessment of a Gynecological Oncology Patient**  
To train the Trainee in the skills required for appropriate clinical assessments of patients with suspected or known gynecological cancers
  1. Obtain detailed clinical history
  2. Perform appropriate physical examination
  3. Consolidate information received from prior investigations if any
  4. Initiate further investigations
  5. Communicate clinical plan to patient and relatives
  
- **Module 2: Pre-, Peri- and Post-operative Care**  
To understand and demonstrate appropriate knowledge, skills and attitudes in relation to patients undergoing surgery for gynecological malignancies
  1. Plan appropriate surgery
  2. Identify risk factors if any: Surgical and Anesthetic
  3. Counsel patients for surgery
  4. Demonstrate an understanding of peri-, intra- and postoperative patient management
  5. Principles of peri-operative nutrition and Total Parenteral Nutrition (TPN).
  
- **Module 3: General Surgical Skills In Gynecological Oncology**  
To achieve surgical skills appropriate for a subspecialist gynecological oncology surgeon:

1. Anatomical knowledge
2. Surgical skills
3. Personal audit

## II Site-Specific Modules

- Module 4: Cancer of the Cervix
  - o Aetiopathology, histogenesis and principles of population screening and prevention of cervical cancer
  - o Ability to diagnose, investigate, counsel and manage patients with cervical cancer
  - o Ability to choose the most appropriate treatment approach for a given patient
  - o Perform appropriate surgery for cervical cancer and manage treatment complications
  - o Indications and choice of adjuvant treatments
  - o Plan appropriate follow up
  - o Diagnosis and management of relapsed disease
  - o Selection of patients for symptomatic palliation and best supportive care
  
- Module 5: Ovarian Cancer
  - o To demonstrate appropriate skills and attitudes in relation to clinical work-up and management of patients with all varieties of suspected/clinically overt ovarian cancer
  - o Initial assessment and investigations of suspected/clinically overt ovarian cancer i.e. epithelial ovarian cancer, germ cell tumors of the ovary, non-epithelial and other variants of ovarian cancer
  - o Plan subsequent management of patients with a suspicious adnexal mass
  - o Plan subsequent management of patients with clinically overt ovarian cancer
  - o Perform appropriate diagnostic or treatment surgery
  - o Communicate with multi disciplinary team and
  - o Plan follow-up
  
- Module 6: Cancers of the Uterine corpus
  - o To demonstrate appropriate skills and attitudes in relation to clinical work-up and management of patients with endometrial cancer and other malignant tumors of the uterine corpus

- o Understand the principles of management of any comorbid conditions likely to impact choice and delivery of appropriate treatment
- o Undertake primary surgical management
- o Manage recurrent disease
  
- Module 7: Cancer of the Vulva
  - o To diagnose, investigate and manage a patient with cancer of the vulva
  - o Perform appropriate surgery in a patient with vulva cancer
  - o Manage complications of treatment
  
- Module 8: Vaginal Cancer
  - o To diagnose, investigate and manage a patient with cancer of the vulva
  - o Understand the indications for primary surgical management
  - o Understand management options to address comorbidity
  - o Manage recurrent disease

## **II Allied Non-Surgical Specialties**

- Module 9: Radio-Diagnostics
  - o To understand the role of imaging in gynecological cancer.
  - o To understand the principles underlying selection of different imaging modalities.
  
- Module 10: Medical Oncology
  - o To understand the role of chemotherapy in the management of gynecological cancers
  - o To understand the pharmacology of the major drugs used in chemotherapy.
  - o To understand the principles underlying the use of chemotherapeutic and newer targeted therapies in the management of gynecological cancers
  
- Module 11: Radiation Oncology
  - o To be familiar with the principles and practice of radiotherapy in the management of gynecological cancer
  
- Module 12: Palliative care



Outlined below is a representative scheme, which could be used while evaluating the trainees during their periodic appraisals: Metrics

- Theoretical knowledge of the subject
- Knowledge of current, relevant evidence-based literature
- Ability to practically apply his/her knowledge to clinical scenarios
- Involvement with patient care
  - o Outpatient clinics
  - o Inpatients
- Surgical skill set commensurate with seniority
- Keenness and aptitude to learn
- Rapport with peers/colleagues - ability to be a part of a team
- Rapport with Senior colleagues - ability to take criticism constructively
- Understanding of the of ethics of clinical medicine
- Research ability/aptitude
- Leadership and people management qualities

Grades of Evaluation:

- o Excellent
- o Exceeds objectives
- o Just meets objectives
- o Needs improvement
- o Below par

The training will conclude after submission of research project.

Final reports and clearing university exit exam which will include written as well as grand viva. Upon successful completion the candidate will be awarded a certified fellowship by the department and university

Course Director: Dr Professor Namrata Kachhara

Faculties: Dr Professor Sayali Kulkarni

## Recommended Textbooks

### *Gynaecological Oncology*

- Berek & Hacker's, Gynecologic Oncology
- Principles and practice of Gynecologic Oncology, Richard R. Barakat, Andrew Berchuk, Maurie Markman and Marcus E. Randal
- Clinical Gynecologic Oncology, Di Saia, Creasman, Mannel, Me Meekin, Mutch D
- Gynecological Oncology; Guide to clinical management., Blake Peter et al.
- Gynecological Oncology: (Fundamental and principles & clinical practice) Coppleson, M
- New Developments in Cervical Cancer Screening and Prevention. Franco. E & Monsonco .J
- Gynecologic Oncology: evidence based pre-operative and Supportive care, Vasilev, S.A
- Principles and Practice of Gynecologic Oncology, Hoskins, WJ et al
- Hand Book of Colposcopy, Luesely. D et al.
- Cancer and pre-Cancers of the Cervix, Luesley. D.M & Barrass.R
- Gynecologic Cancer Surgery, Morrow. C P et al
- Synopsis of Gynecologic Oncology, Morrow C.P & Curtis J.P
- Multimodal Therapy in Gynecologic Oncology, Sevin, B.U et al
- Ovarian Cancer. Sharp F et al
- Cancer of Cervix. Shingleton H. M & Orr J.W
- Ovarian Cancer: Controversies in Management., Gershenson D.M. & Mcquire W.P
- Essentials of Gynecological Cancers. Lakton F et al
- Epithelial Cancers of Ovary, Lawton' Frank G et al
- Gynecologic Oncology Lentz (Scott E)
- Textbook of Gynaecologic Oncology A. Ayhan, M. Gultekin, P. Durson
- Gynecologic Oncology Karlan (Beth Y)
- Atlas of Gynecologic Oncology Investigation and Surgery Smith (Richard .J)
- Gynecologic Tumor Board Dizon (Don .S)
- Radical and Reconstructive Gynaecologic Cancer Surgery Bristow (Robert E)
- Principles and Practice of Fertility Preservation Donnez (Jacques)
- Cytology and Surgical Pathology of Gynecologic Neoplasms Chieng (David)
- Atlas of Gynecologic Oncology Imaging Akin (Oguz)
- Precancerous Lesions of the Gynecologic Tract Fadare (Oluwole)
- Radiation Medicine Rounds: Gynecologic Cancer, Vol.2 Mundt (Arno J)
- Noninvasive Molecular Markers in Gynecologic Cancers Barh (Debmalya)
- Gynecologic Cancers: A Multidisciplinary Approach to Diagnosis and Management Odunsi (Kunle)

- Surgery for ovarian cancer Bristow (Robert E)
- Cervical cancer Contemporary Management Rajaram (Shalini)

### ***Gynaecology Books***

Operative Gynaecology, Te Linde's, Rock & Jones

Operative Laparoscopy & Hysterectomy, Cohen

Gynaecologic Endoscopic Surgeries: Current Concepts: Desai & Joseph Controversies in Laparoscopic Surgeries, Assalia, Gagner, Schein

Textbook & Atlas: Modern Colposcopy, Mayeaux, Jr., J.Thomas Cox j Reconstructive and Reproductive Surgeries in Gynaecology, Gomel & Br I Current Progress in Obstetrics and Gynaecology Studd (John) Atlas of Gynaecologic Surgery Wallwiener (Diethelm)

Colposcopy Atlas Vesna Kesic

Cytology and Colposcopy in Gynecological Practice Saraiya (Usha B)

Burghardt's Colposcopy and Cervical Pathology: Textbook and Atlas Girardi (Frank) A Manual of Minimally Invasive Gynecological Surgery Agarwal (Meenu)

Gynecologic Ultrasound: A Problem Based Approach Benacerraf (Beryl R)

Colposcopy of the Cervix, Vagina, and Vulva Baggish (Michael .S)

Colposcopy Principle and Practice Apgar (Barbara S.)

Recent Advances in Obstetrics and Gynaecology

### ***Allied Speciality Books***

- Medical Biostatistics, Indrayan Abhaya
- Cancer, Principles and Practice of Oncology, DeVita, Hellman and Rosenberg's
- CT and MRI of the Abdomen and Pelvis, Ros, P.R & Morteale, K J
- Ultrasonography in Obstetrics and Gynecology, Benson, C.B & Bluth, E, I PET-CT and PET-MRI in Oncology, Peller, P. et al
- Walter & Miller's Text Book of radiotherapy, Symonds Paul et al.
- Robbins Basic Pathology, Kumar, Abbas, Aster
- Atlas of Anatomy, Gilroy, A.M
- Text Book of Palliative Medicine and Supportive Care, Bruera, E. et al.
- Basic Methods of Medical Research, Indrayan, A
- Gynaecologic Radiation Therapy: Novel Approaches to Image Guidance and management, Vishwanathan, A.N

et al

- Principles and Practice of Surgical Oncology. Howard Silberman, Allan W. Silberman
- Cancer Chemotherapy, Drug Manual, Jones& Bartlett learning.
- Hand Book of Cancer Chemotherapy, Skeel&Khleif
- Symptom Management in Advanced Cancers, Twycross
- Statistics Leblace (David)
- Medical Statistics from scratch Bowers (David)
- Statistics A Tool for Social Research Healey, (Joseph F)
- Oral Morphine in Advanced Cancer Twycross (Robert)
- Cancer Pain Relief and Palliative Care Who
- Care of The Patient with Advanced Cancer Twycross (Robert)
- Symptom Control in Terminal Cancer: Lecture Notes Twycross (Robert)
- Cancer Pain Relief: A Guide to Opioid Availability Who
- Multiple Primary Cancers Neugut (Alfred. I)
- Cancer Pain: Assessment' Diagnosis, And Management Fitzgibbon (Dermot. R)
- Handbook of Cancer Chemotherapy Skeel (Roland)
- Harrison's Pulmonary and Critical Care Medicine Loscalzo (Joseph)
- The MD Anderson Manual of Medical Oncology Kantarjian (Hagop .M)
- Oxford Textbook of Oncology Kerr (David. J)
- Targeted Therapies in Oncology Giaccone (Giuseppe)
- Treatment of Cancer Price (Pat)

### ***Journals of Gynaecology***

- International journal of Gynaecology and Obstetrics
- Journal of Obstetrics and Gynaecology of India
- Journal of Obstetrics and Gynaecology and Research
- British Journal of Obstetrics and Gynaecology
- Journal of Minimally Invasive Surgeries
- Indian Journal of Obstetrics and Gynaecology
- American Journal of Obstetrics and Gynaecology
- Journal of Midlife Health
- Clinical Obstetrics and Gynaecology
- Obs& Gynae Today
- Obstetrical and Gynaecological Survey
- Obstetrics and Gynaecology Clinics of North America
- Journal of the Lower Genital Tract Disease

### ***Journals of Gynaecologic Oncology***

- International Journal of Gynaecological Cancer
- Gynaecologic Oncology
- Indian Journal of Gynaecological Cancer
- Journal of Gynaecologic Oncology

### ***Allied Cancer journals***

- Lancet Oncology
- Journal of Clinical Oncology
- Cancer
- Indian Journal of Surgical Oncology
- International Journal of Surgical Oncology
- International Journal of Cancer
- European Journal of Obstetrics and Gynecology
- Indian Journal of Cancer
- South Asian Journal of Cancer
- Seminars in Oncology
- International Journal of Radiation Oncology
- Journal of Medical Imaging and Radiation Oncology
- Indian Journal of Palliative Care
- International Journal of Radiation Oncology Biology Physics
- Indian Journal of Medical and Paediatric Oncology
- Surgical Oncology Clinics of North America
- Journal of Surgical Oncology
- CA-A Cancer Journal for Clinicians
- Asian journal of Oncology

### ***Allied Journals***

- American Journal of Gastroenterology
- Indian Journal of Gastroenterology
- The Journal of Urology
- Indian Journal of Urology

- Radiology
- European Journal of radiology
- Journal of Clinical Pathology
- The American Journal of Pathology
- Journal of Clinical Pathology
- Seminars in Ultrasound, CT & MRI
- Indian Journal of Medical Research
- Indian Journal of Medical Ethics
- Ecancermedicalsciences
- Scientific World Journal
- » New England Journal of Medicine
- British Medical Journal
- Lancet
- Perspectives in Clinical Research
- The National Medical Journal of India
- Journal of Cytology
- International Journal of Epidemiology
- JAMA
- The American Journal of Surgical Pathology
- Acta Cytologica

### ***Additional Reading***

1. Compendium of recommendations of various committees on Health and Development (1943 - 1975). DGHS, 1985 Central Bureau of Health Intelligence, Directorate general of Health services, Ministry of Health and Family welfare, Govt, of India, NirmanBhawan, New Delhi. P-335.
2. National Health Policy, Ministry of Health and Family welfare, NirmanBhawan, New Delhi. 1983.
3. Santhosh Kumar, The elements of Research writing and editing, 1994, Dept of Urology, JIPMER, Pondicherry.
4. Srinivasa DK, et al, Medical Education Principles and Practice, 1995, National Teacher training Centre, JIPMER, Pondicherry
5. Indian Council of Medical Research, "Policy statement of Ethical considerations involved in Research on Human Subjects", 1982, I.C.M.R., New Delhi.

6. Code of Medical Ethics framed under section 33 of the Indian Medical Council Act, 1956. Medical Council of India, Kotla Road, New Delhi.
7. Francis CM, Medical Ethics, JP Publications, Bangalore, 1993.
8. Indian National Science Academy, Guidelines for care and use of animals in Scientific Research, New Delhi, 1994.
- 9- Indian National Committee of Medical Journal Editors, Uniform requirements for manuscripts submitted to biomedical journals, N Engl J Med 1991:424-8
10. Kirkwood BR. Essential of Medical Statistics, 1st edition, Oxford: Blackwell Scientific Publications, 1988
11. Mahajan BK, Methods in Biostatistics for Medical Students, 5th edition, New Delhi, Jaypee Brothers Medical Publishers, 1989.

Raveendran, B Gitanjali. A Practical approach to PG dissertation, New Delhi, J P Publications, 1998.

Format of Model Check Lists

Model Check List -L

MODEL CHECK-LIST FOR EVALUATION OF JOURNAL REVIEW PRESENTATIONS

Name of the Student:

Name of the Faculty/Observer:

Date:

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Article chosen was					
2.	Extent of understanding of scope & objectives of the paper by the candidate					
3.	Whether cross references have been consulted					
4.	Whether other relevant publications consulted					
5.	Ability to respond to questions on the paper/subject					
6.	Audio-Visual aids used					
7.	Ability to discuss the paper					
8.	Clarity of presentation					
9.	Any other observation					
	Total Score					



Model Check List - II

EVALUATION FORM FOR CLINICAL PRESENTATION

Name of the Student: Name of the Faculty: Date:

Sl. No.	Points to be considered	Poor 0	Below Average 1	Average 2	Above Average 3	Very Good 4
1.	Completeness of history					
2.	Whether all relevant points elicited					
3.	Clarity of Presentation					
4.	logical order					
5.	Mentioned all positive and negative points of importance					
6.	Accuracy of general physical examination					
7.	Whether all physical signs elicited correctly					
8.	Whether any major signs missed or misinterpreted					
9.	Diagnosis: Whether it follows logically from history and findings					
10	Investigations required					
	0 Complete list					
	S Relevant order					
	0 Interpretation of investigations					
1.	Ability to react to questioning Whether it follows logically from history and findings					
2.	Ability to defend diagnosis					
3.	Ability to justify differential diagnosis					
4.	Others					
	Grand Total					







LOG BOOK  
Diagnostic and Operative procedures  
performed

Name:      Admission Year:  
College:

Date	Name	ID No.	Procedure	Category O, A, PA, PI*

\* Key: O - Washed up and observed

A - Assisted a more senior Surgeon

PA - Performed procedure under the direct supervision of a senior surgeon

PI • performed independently

Table 4

## Model Overall Assessment Sheet

Name of the College:      Academic Year:

Sl. No	Particulars	Name of Student* and Mean Score									
		A*	B*	C*	D*	E*	F*	G*	H*	I*	J*
1	Journal Review Presentations										
2	Seminars										
3	Clinical work in wards										
4	Clinical presentation										
5	Teaching skill practice										
Total Score											

Note: Use separate sheet for each year.

**Signature of Program Director**

The above overall assessment sheet used along with the logbook should form the basis for certifying satisfactory completion of course of study, in addition to the attendance requirement.

**KEY:**

**Mean score:** Is the sum of all the scores of checklists 1 to 7.

A, : Name of the trainee

