



## Department of Plastic Surgery

S.No	Name of the Fellowship	Eligibility	Duration
01	Fellowship in Aesthetic Plastic Surgery	MS/DNB Gen surg	1 yr
		M.Ch./DNB Plastic Surg	1 yr
02	Fellowship in Reconstructive Surgery	MS/DNB Gen Surg, Ortho	1 yr
		M.Ch./DNB Plastic Surg	1 yr
03	Fellowship in Facial Plastic Surgery	MS/DNB Gen surg, ENT	1 yr
		M.Ch./DNB Plastic Surg	1 yr
04	Fellowship in Liposuction	MS/DNB Gen surg	1 yr
		M.Ch./DNB Plastic Surg	1 yr
05	Fellowship in Aesthetic Breast Surgery	MS/DNB Gen surg	1 yr
		M.Ch./DNB Plastic Surg	1 yr
06	Fellowship in Micro Surgery	MS/DNB Gen Surg, Ortho	1 yr
		M.Ch./DNB Plastic Surg	1 yr
07	Fellowship in Hair Transplantation	MD/DNB DVL, MS/DNB in Gen surg	1 yr
		M.Ch./DNB Plastic Surg	1 yr
08	Fellowship in Burns Surgery	MS/DNB Gen surg	1 yr
		M.Ch./DNB Plastic Surg	1 yr



## **Fellowship in Aesthetic Plastic Surgery**

### **Course Overview**

The Fellowship in Aesthetic Plastic Surgery is a one-year advanced training program designed to equip surgeons with specialized skills in cosmetic and reconstructive plastic surgery. The course covers facial aesthetics, body contouring, minimally invasive procedures, laser treatments, and non-surgical aesthetic interventions. The program integrates hands-on surgical training, clinical exposure, and research projects.

### **Prerequisites**

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project

### **Course Objectives**

- Develop expertise in aesthetic surgical techniques for the face, body, and extremities.
- Gain proficiency in non-surgical aesthetic procedures including Botox, fillers, and laser treatments.
- Master facial rejuvenation surgeries, rhinoplasty, and body contouring procedures.
- Learn advanced wound healing, scar revision, and reconstructive principles.
- Understand patient evaluation, surgical planning, and post-operative care in aesthetic plastic surgery.
- Conduct research in aesthetic surgery and apply evidence-based practices.

### **Curriculum with Semester-wise Syllabus & Modules**

#### **Semester 1: Fundamentals & Core Aesthetic Surgery**

Module	Topics Covered
Fundamentals of Aesthetic Surgery	History, evolution, ethics, patient consultation
Facial Aesthetics	Rhinoplasty, facelift, blepharoplasty, otoplasty
Non-Surgical Aesthetic Procedures	Botox, fillers, PRP therapy, laser treatments
Body Contouring	Liposuction, abdominoplasty, arm/thigh lift
Scar Revision & Wound Healing	Keloid management, hypertrophic scars, skin grafting



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Module	Topics Covered
Clinical Rotations	Hands-on experience in surgical and non-surgical procedures

### Semester 2: Advanced Aesthetic Surgery & Special Cases

Module	Topics Covered
Breast Aesthetic Surgery	Breast augmentation, reduction, lift, fat grafting
Hair Restoration Surgery	FUE, FUT techniques, scalp micro-pigmentation
Reconstructive Aesthetic Surgery	Post-burn reconstruction, congenital deformities
Genital Aesthetic Surgery	Vaginal rejuvenation, penile enhancement
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

### Program Outcomes

Program Outcome	Description
Expertise in Aesthetic Surgery	Perform aesthetic surgical procedures for various anatomical regions.
Non-Surgical Aesthetic Proficiency	Administer Botox, fillers, laser therapy, and PRP treatments.
Advanced Reconstructive Skills	Apply reconstructive principles for post-trauma and post-burn cases.
Ethical & Legal Acumen	Ensure compliance with ethical and medicolegal considerations in aesthetic surgery.

### Course Outcomes

Course Outcome	Description
Facial Aesthetic Surgery	Gain expertise in facelift, rhinoplasty, and eyelid surgery.
Body Contouring Techniques	Perform liposuction, abdominoplasty, and arm/thigh lifts.
Breast Aesthetic Surgery	Manage breast augmentation, reduction, and fat grafting.
Non-Surgical Aesthetic Interventions	Develop proficiency in injectables, lasers, and PRP therapy.
Reconstructive & Scar Management	Understand skin grafting, scar revision, and wound healing.



## School of Medical Sciences & Technology

### Credits & Assessment Methods

Total Credits: 40

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Aesthetic Surgery Cases	40
Non-Surgical Interventions	Botox, Fillers, PRP, Laser Techniques	50
Body Contouring & Liposuction	Hands-on assessment of contouring cases	50
OSCE	Clinical Scenarios, Skill Demonstration	40

#### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Aesthetic Surgery Cases	50





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Component	Details	Marks
Recent Advances in Aesthetic Surgery	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Aesthetic Surgery	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>

### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- Distinction: Candidates scoring 75% and above will be awarded "Distinction."
- Failure in Practical or Viva: If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- Grabb and Smith's Plastic Surgery – Charles H. Thorne
- Aesthetic Plastic Surgery – Sherrell J. Aston
- Botulinum Toxin in Aesthetic Medicine – Wolfgang Redka-Swoboda
- Body Contouring and Liposuction – J. Peter Rubin
- Essentials of Aesthetic Surgery – Jeffrey E. Janis

#### Journals & E-Resources:



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- Aesthetic Surgery Journal – <https://academic.oup.com/asj>
- Plastic and Reconstructive Surgery – <https://journals.lww.com/plasreconsurg>
- Journal of Aesthetic Surgery – <https://www.aestheticsjournal.com/>
- European Journal of Plastic Surgery – <https://link.springer.com/journal/10238>
- American Society of Plastic Surgeons – <https://www.plasticsurgery.org/>

### **Fellowship in Reconstructive Surgery**

#### **Course Overview**

The Fellowship in Reconstructive Surgery is a one-year advanced training program designed to provide surgeons with expertise in reconstructive techniques for congenital, post-traumatic, oncological, and burn-related defects. The course covers microvascular surgery, flap reconstruction, limb salvage, craniofacial reconstruction, and soft tissue reconstruction. The program includes hands-on surgical training, clinical exposure, and research projects.

#### **Prerequisites**

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project

#### **Course Objectives**

- Develop expertise in reconstructive surgical techniques for various anatomical defects.
- Gain proficiency in microvascular surgery and flap-based reconstruction.
- Master limb salvage procedures and soft tissue reconstruction.
- Learn advanced craniofacial reconstruction and post-oncological reconstruction.
- Understand patient evaluation, surgical planning, and post-operative care in reconstructive surgery.
- Conduct research in reconstructive surgery and apply evidence-based practices.

#### **Curriculum with Semester-wise Syllabus & Modules**

##### **Semester 1: Fundamentals & Core Reconstructive Surgery**

Module	Topics Covered
Fundamentals of Reconstructive Surgery	History, evolution, principles, patient evaluation
Microvascular Surgery	Free flaps, anastomosis techniques, vascular repair
Soft Tissue Reconstruction	Local, regional, and free flaps, skin grafting



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Module	Topics Covered
Trauma Reconstruction	Limb salvage, nerve repair, post-traumatic defects
Burn Reconstruction	Scar management, contracture release, tissue expansion
Clinical Rotations	Hands-on experience in reconstructive surgical procedures

### Semester 2: Advanced Reconstructive Surgery & Special Cases

Module	Topics Covered
Craniofacial Reconstruction	Maxillofacial trauma, congenital anomalies, skull reconstruction
Oncological Reconstruction	Post-mastectomy breast reconstruction, head & neck defects
Hand & Peripheral Nerve Surgery	Tendon transfers, nerve grafts, replantation techniques
Lower Limb Salvage	Vascularized bone grafting, muscle flaps, diabetic foot reconstruction
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

### Program Outcomes

Program Outcome	Description
Expertise in Reconstructive Surgery	Perform reconstructive procedures for post-trauma, burn, and oncological defects.
Microvascular Surgical Skills	Develop expertise in free flap transfers and vascular anastomosis.
Soft Tissue Reconstruction	Apply flap-based techniques for skin and muscle defect reconstruction.
Ethical & Legal Acumen	Ensure compliance with ethical and medicolegal considerations in reconstructive surgery.

### Course Outcomes

Course Outcome	Description
Trauma Reconstruction	Gain expertise in limb salvage and post-traumatic reconstruction.
Oncological Reconstruction	Perform complex reconstructions for post-cancer defects.
Craniofacial Reconstruction	Master techniques for maxillofacial and skull reconstruction.
Microvascular Surgery	Develop proficiency in microsurgical procedures and anastomosis.



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Course Outcome	Description
Burn & Soft Tissue Reconstruction	Understand scar management, contracture release, and tissue grafting.

### Credits & Assessment Methods

**Total Credits: 40**

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Reconstructive Surgery Cases	40
Microvascular Surgical Skills	Anastomosis, flap harvesting	50





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Component	Details	Marks
Soft Tissue Reconstruction	Local & Free Flaps	50
OSCE	Clinical Scenarios, Skill Demonstration	40

### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Reconstructive Surgery Cases	50
Recent Advances in Reconstructive Surgery	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Surgery	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>

### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.



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- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- Reconstructive Surgery: Anatomy, Technique, and Clinical Applications – Berish Strauch
- Grabb and Smith's Plastic Surgery – Charles H. Thorne
- Microsurgical Reconstruction of the Head and Neck – Peter Neligan
- Plastic and Reconstructive Surgery – Maria Siemionow
- Essentials of Plastic Surgery – Jeffrey E. Janis

#### Journals & E-Resources:

- Journal of Plastic, Reconstructive & Aesthetic Surgery – <https://www.jprasurg.com/>
- Plastic and Reconstructive Surgery – <https://journals.lww.com/plasreconsurg>
- World Journal of Surgery – <https://link.springer.com/journal/268>
- American Society of Plastic Surgeons – <https://www.plasticsurgery.org/>



## **Fellowship in Facial Plastic Surgery**

### **Course Overview**

The Fellowship in Facial Plastic Surgery is a one-year advanced training program designed to equip surgeons with specialized skills in aesthetic and reconstructive procedures for the face, head, and neck. The course covers rhinoplasty, facelift, blepharoplasty, otoplasty, non-surgical aesthetic procedures, trauma reconstruction, and facial reanimation techniques. The program integrates hands-on surgical training, clinical exposure, and research projects.

### **Prerequisites**

Criteria	Details
<b>Eligibility</b>	MBBS with MS/DNB in General Surgery / ENT / MCh/DNB in Plastic Surgery
<b>Duration</b>	1 Year (Full-Time)
<b>Mode of Study</b>	Clinical, Theoretical, Hands-on Training
<b>Assessment</b>	Theory, Practical Exams, Clinical Logbook, Research Project

### **Course Objectives**

- Develop expertise in aesthetic and reconstructive surgical techniques for the face, head, and neck.
- Gain proficiency in non-surgical aesthetic procedures, including Botox, fillers, and laser treatments.
- Master techniques in facial rejuvenation, rhinoplasty, and trauma reconstruction.
- Learn advanced wound healing, scar revision, and facial nerve reanimation.
- Understand patient evaluation, surgical planning, and post-operative care in facial plastic surgery.
- Conduct research in facial plastic surgery and apply evidence-based practices.

### **Curriculum with Semester-wise Syllabus & Modules**

#### **Semester 1: Fundamentals & Core Facial Plastic Surgery**



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Module	Topics Covered
Fundamentals of Facial Plastic Surgery	History, evolution, ethics, patient consultation
Rhinoplasty & Nasal Reconstruction	Primary & revision rhinoplasty, functional nasal surgery
Facial Aesthetic Procedures	Facelift, blepharoplasty, otoplasty, lip augmentation
Non-Surgical Aesthetic Interventions	Botox, fillers, PRP therapy, laser treatments
Scar Revision & Wound Healing	Keloid management, hypertrophic scars, skin grafting
Clinical Rotations	Hands-on experience in surgical and non-surgical procedures

### Semester 2: Advanced Facial Plastic Surgery & Special Cases

Module	Topics Covered
Trauma & Reconstructive Surgery	Facial fracture management, soft tissue reconstruction
Facial Reanimation Techniques	Nerve grafting, static & dynamic reanimation procedures
Cleft Lip & Palate Surgery	Repair techniques, speech and functional rehabilitation
Hair Restoration Surgery	FUE, FUT techniques, scalp micro-pigmentation
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

### Program Outcomes

Program Outcome	Description
Expertise in Facial Plastic Surgery	Perform aesthetic and reconstructive procedures for the face, head, and neck.
Non-Surgical Aesthetic Proficiency	Administer Botox, fillers, laser therapy, and PRP treatments.
Advanced Reconstructive Skills	Apply reconstructive principles for trauma, burns, and congenital deformities.
Ethical & Legal Acumen	Ensure compliance with ethical and medicolegal considerations in facial plastic surgery.

### Course Outcomes

Course Outcome	Description
Rhinoplasty Techniques	Gain expertise in primary and revision rhinoplasty.
Facial Aesthetic Surgery	Perform facelift, blepharoplasty, and otoplasty.





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Course Outcome	Description
Trauma & Reconstructive Surgery	Manage facial fractures and soft tissue reconstruction.
Non-Surgical Aesthetic Interventions	Develop proficiency in injectables, lasers, and PRP therapy.
Scar Revision & Facial Reanimation	Understand scar management, facial nerve repair, and reanimation techniques.

### Credits & Assessment Methods

**Total Credits: 40**

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- **Section A** (MCQs – 30 Marks)
- **Section B** (Short Answer Questions – 30 Marks)
- **Section C** (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
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Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Facial Plastic Surgery Cases	40
Non-Surgical Interventions	Botox, Fillers, PRP, Laser Techniques	50
Rhinoplasty & Facial Reconstruction	Hands-on assessment of surgical cases	50
OSCE	Clinical Scenarios, Skill Demonstration	40

### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Facial Plastic Surgery Cases	50
Recent Advances in Facial Plastic Surgery	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Facial Plastic Surgery	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>

### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.



## School of Medical Sciences & Technology

- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- **Facial Plastic and Reconstructive Surgery** – Ira D. Papel
- **Rhinoplasty: A Practical Guide to Functional and Aesthetic Surgery** – Hade Vuyk
- **Botulinum Toxin in Aesthetic Medicine** – Wolfgang Redka-Swoboda
- **Facelift Surgery** – Timothy Marten
- **Principles of Facial Reconstruction** – Shan R. Baker

#### Journals & E-Resources:

- **Facial Plastic Surgery & Aesthetic Medicine** – <https://journals.lww.com/facialplastic>
- **Aesthetic Surgery Journal** – <https://academic.oup.com/asj>
- **Journal of Plastic, Reconstructive & Aesthetic Surgery** – <https://www.jprasurg.com/>
- **European Journal of Plastic Surgery** – <https://link.springer.com/journal/10238>
- **American Academy of Facial Plastic Surgery** – <https://www.aafprs.org/>



## **Fellowship in Liposuction**

### **Course Overview**

The Fellowship in Liposuction is a one-year specialized training program designed for surgeons seeking expertise in body contouring through liposuction techniques. The program focuses on tumescent liposuction, laser-assisted lipolysis, VASER liposuction, power-assisted liposuction (PAL), and post-liposuction care. It integrates hands-on surgical training, clinical exposure, and research projects.

### **Prerequisites**

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery / Dermatology with Surgical Training
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project

### **Course Objectives**

- Develop expertise in liposuction techniques, including tumescent, laser-assisted, and ultrasound-assisted liposuction.
- Gain proficiency in patient evaluation, pre-operative planning, and post-operative care.
- Master advanced contouring techniques for body sculpting and fat grafting.
- Learn about potential complications and their management.
- Understand the ethical, medicolegal, and safety aspects of liposuction procedures.
- Conduct research and apply evidence-based practices in body contouring surgeries.

### **Curriculum with Semester-wise Syllabus & Modules.**





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## Semester 1: Fundamentals & Core Liposuction Techniques

Module	Topics Covered
Fundamentals of Liposuction	History, evolution, patient selection, ethics
Tumescent Liposuction	Technique, infiltration, fluid dynamics
Laser & Ultrasound-Assisted Liposuction	VASER liposuction, SmartLipo techniques
Power-Assisted Liposuction (PAL)	Mechanism, indications, procedural steps
Post-Liposuction Care	Compression garments, lymphatic drainage, complications
Clinical Rotations	Hands-on patient care experience

## Semester 2: Advanced Liposuction & Body Contouring

Module	Topics Covered
High-Definition Liposuction	Abdominal etching, muscle definition techniques
Fat Grafting & Lipofilling	Face, buttocks, breast augmentation
Combined Liposuction Procedures	Liposuction with tummy tuck, thigh lift
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

## Program Outcomes

Program Outcome	Description
Mastery of Liposuction Techniques	Perform various liposuction techniques with precision.
Post-Operative Care Expertise	Manage complications, compression therapy, and scar minimization.
Advanced Body Contouring Skills	Apply fat grafting techniques for aesthetic enhancements.
Ethical & Legal Acumen	Ensure patient safety and legal compliance in liposuction procedures.

## Course Outcomes

Course Outcome	Description
Tumescent Liposuction Techniques	Learn the infiltration process and safety measures.



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Course Outcome	Description
Laser & Ultrasound-Assisted Liposuction	Master energy-based liposuction techniques.
High-Definition Liposuction	Develop skills in sculpting body musculature.
Post-Liposuction Care	Understand healing processes and post-procedure management.

### Credits & Assessment Methods Total Credits: 40

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Liposuction	40



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Component	Details	Marks
	Cases	
Tumescent & Energy-Assisted Liposuction	Hands-on assessment of techniques	50
Post-Liposuction Care & Complication Management	Clinical Scenario-based assessment	40
OSCE	Clinical Skill Demonstration	40

### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Liposuction Cases	50
Recent Advances in Liposuction	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Liposuction	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)

### Additional Notes



## School of Medical Sciences & Technology

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- Liposuction: Principles and Practice – Melvin A. Shiffman
- Body Contouring and Liposuction – J. Peter Rubin
- Atlas of Liposuction – Adrien E. Aiache
- High-Definition Body Sculpting – Alfredo Hoyos
- Laser and Energy Devices for the Skin – Mitchel P. Goldman

#### Journals & E-Resources:

- Aesthetic Surgery Journal – <https://academic.oup.com/asj>
- Plastic and Reconstructive Surgery – <https://journals.lww.com/plasreconsurg>
- Journal of Cosmetic Dermatology – <https://onlinelibrary.wiley.com/journal/14732165>
- American Society of Plastic Surgeons – <https://www.plasticsurgery.org/>
- International Society of Aesthetic Plastic Surgery – <https://www.isaps.org/>





## **Fellowship in Aesthetic Breast Surgery**

### **Course Overview**

The Fellowship in Aesthetic Breast Surgery is a one-year specialized program designed to provide advanced training in cosmetic breast procedures. The course focuses on breast augmentation, reduction, lift, fat grafting, implant-based reconstruction, and corrective breast surgeries. The program includes hands-on surgical experience, theoretical lectures, case discussions, and research projects.

### **Prerequisites**

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project

### **Course Objectives**

- Gain expertise in aesthetic breast surgical techniques including augmentation, reduction, and mastopexy.
- Develop proficiency in implant-based and fat grafting breast reconstruction.
- Learn techniques for correction of congenital and acquired breast deformities.
- Master Perioperative management, patient selection, and post-operative care.
- Conduct research in aesthetic breast surgery and apply evidence-based practices.



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## Curriculum with Semester-wise Syllabus & Modules

### Semester 1: Fundamentals & Core Aesthetic Breast Surgery

Module	Topics Covered
Breast Anatomy & Aesthetic Considerations	Breast morphology, surgical landmarks, patient evaluation
Breast Augmentation	Implant selection, placement techniques, fat grafting
Breast Reduction & Mastopexy	Pedicle techniques, scar minimization, ptosis correction
Perioperative Management	Patient assessment, anesthesia, post-op care
Clinical Rotations	Hands-on training in augmentation, reduction, and lifts

### Semester 2: Advanced Techniques & Complex Cases

Module	Topics Covered
Revision & Corrective Breast Surgery	Implant complications, asymmetry correction, capsular contracture management
Breast Reconstruction Techniques	Implant-based, autologous tissue reconstruction
Non-Surgical Breast Enhancement	Fillers, PRP therapy, laser skin tightening
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

### Program Outcome

Outcome	Description
Expertise in Aesthetic Breast Surgery	Perform advanced breast enhancement and reconstruction procedures.
Non-Surgical Breast Aesthetics	Utilize minimally invasive techniques like fillers and PRP.
Corrective Breast Surgery	Address congenital and acquired breast deformities.
Ethical & Legal Knowledge	Ensure compliance with medical ethics and patient safety regulations.



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## Course Outcome

Outcome	Description
<b>Breast Augmentation Techniques</b>	Develop expertise in implant selection, placement, and fat grafting.
<b>Breast Reduction &amp; Lifting</b>	Master mastopexy and reduction techniques for aesthetic improvement.
<b>Correction of Breast Deformities</b>	Manage revision surgery and congenital deformities.
<b>Perioperative Management</b>	Optimize patient care before, during, and after surgery.

## Credits & Assessment Methods

Component	Credits
<b>Theory &amp; Lectures</b>	10
<b>Clinical Rotations &amp; Case Studies</b>	10
<b>Hands-on Training &amp; Procedures</b>	10
<b>Research &amp; Dissertation</b>	10

## Assessment Pattern

Assessment Type	Weightage
<b>Theory Examination (MCQs, Long &amp; Short Answer)</b>	30%
<b>Clinical &amp; Practical Exam (Case-Based Discussion, OSCE)</b>	30%
<b>Clinical Logbook &amp; Case Reports</b>	20%
<b>Research Presentation &amp; Dissertation</b>	20%

## Exam Pattern

### Theory Examination

- **Section A:** MCQs (30 Marks)
- **Section B:** Short Answer Questions (30 Marks)



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### ➤ Section C: Long Answer Questions (40 Marks)

#### Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Aesthetic Breast Surgery Cases	40
Implant & Fat Grafting Procedures	Hands-on assessment	50
Breast Lift & Reduction Techniques	Surgical skill evaluation	50
OSCE	Clinical Scenarios, Skill Demonstration	40

#### Viva Voce (Total: 100 Marks)

Component	Marks
Case Presentations	50
Recent Advances in Aesthetic Breast Surgery	20
Ethical & Legal Considerations	30

#### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

#### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
Total (Overall)	600	50% Aggregate Required





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### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- **Aesthetic Breast Surgery** – Elizabeth Hall-Findlay
- **Breast Augmentation: Principles and Practice** – William P. Adams
- **Plastic Surgery: Volume 5 (Breast)** – Peter C. Neligan
- **Oncoplastic and Reconstructive Surgery of the Breast** – Steven J. Kronowitz
- **Essentials of Breast Surgery** – Michael S. Sabel

#### Journals & E-Resources:

- **Aesthetic Surgery Journal** – <https://academic.oup.com/asj>
- **Plastic and Reconstructive Surgery Journal** – <https://journals.lww.com/plasreconsurg>
- **Journal of Aesthetic Surgery** – <https://www.aestheticsjournal.com/>
- **European Journal of Plastic Surgery** – <https://link.springer.com/journal/10238>
- **American Society of Plastic Surgeons** – <https://www.plasticsurgery.org/>



## **Fellowship in Micro Surgery**

### **Course Overview**

The Fellowship in Micro Surgery is a one-year advanced training program designed to equip surgeons with specialized skills in microsurgical techniques, including nerve repair, vascular anastomosis, free tissue transfer, and reconstructive procedures. The course includes hands-on surgical training, clinical exposure, and research projects.

### **Prerequisites**

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery / Orthopedic Surgery
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project

### **Course Objectives**

- Develop expertise in microsurgical techniques for nerve and vascular anastomosis.
- Gain proficiency in free tissue transfer and composite grafts.
- Master reconstructive microsurgery for trauma, oncologic, and congenital defects.
- Learn advanced wound healing techniques and scar management.
- Understand patient evaluation, surgical planning, and post-operative care in micro surgery.



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- Conduct research in microsurgery and apply evidence-based practices.

### Curriculum with Semester-wise Syllabus & Modules

#### Semester 1: Fundamentals & Core Microsurgical Techniques

Module	Topics Covered
Principles of Microsurgery	History, instrumentation, suture materials, magnification techniques
Vascular Anastomosis	Arterial and venous micro-anastomosis techniques
Nerve Repair & Regeneration	End-to-end and nerve grafting techniques
Free Flap Surgery	Perforator flaps, muscle flaps, fasciocutaneous flaps
Experimental Microsurgery	Laboratory-based practice on animal and synthetic models
Clinical Rotations	Hands-on experience in surgical procedures

#### Semester 2: Advanced Microsurgery & Special Cases

Module	Topics Covered
Reconstructive Microsurgery	Head & neck reconstruction, limb salvage techniques
Breast Microsurgical Reconstruction	DIEP, TRAM, and Latissimus Dorsi Flaps
Trauma & Oncologic Microsurgery	Extremity reconstruction, nerve transfers
Congenital Microsurgical Interventions	Brachial plexus birth injuries, congenital hand defects
Ethical & Medicolegal Aspects	Informed consent, patient safety, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

### Program Outcomes

Program Outcome	Description
Expertise in Microsurgery	Perform microsurgical procedures for complex reconstructions.
Mastery of Vascular & Nerve Repair	Execute precise anastomosis techniques for optimal outcomes.
Free Tissue Transfer Skills	Conduct microvascular flaps and tissue grafting procedures.
Ethical & Legal Acumen	Ensure compliance with ethical and medicolegal considerations in microsurgery.

### Course Outcomes

Course Outcome	Description
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Course Outcome	Description
Vascular & Nerve Anastomosis	Gain expertise in precise microsurgical suturing techniques.
Free Flap Surgery	Perform autologous tissue transfers for reconstruction.
Reconstructive Microsurgery	Master limb salvage and post-oncologic defect repair.
Experimental Microsurgical Training	Develop skills through lab-based practice before patient application.

### Credits & Assessment Methods

Total Credits: 40

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Microsurgery Cases	40
Vascular & Nerve Repair	Micro-anastomosis techniques	50



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Component	Details	Marks
Free Flap & Composite Grafts	Hands-on assessment of tissue transfers	50
OSCE	Clinical Scenarios, Skill Demonstration	40

### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Microsurgery Cases	50
Recent Advances in Microsurgery	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Microsurgery	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>

### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources Textbooks:

- "Microsurgery: Principles and Practice" – Acland R.D.
- "Green's Operative Hand Surgery" – Scott W. Wolfe





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- "Atlas of Microsurgery" – Berish Strauch
- "Plastic Surgery: Volume 6 – Hand and Upper Extremity" – Peter C. Neligan
- "Reconstructive Microsurgery" – Fu-Chan Wei

### Journals & E-Resources:

- "Journal of Reconstructive Microsurgery" – <https://www.thieme.com/>
- "Plastic and Reconstructive Surgery" – <https://journals.lww.com/plasreconsurg>
- "Microsurgery Journal" – <https://onlinelibrary.wiley.com/journal/10982752>
- "Hand Clinics" – <https://www.hand.theclinics.com/>
- "World Society for Reconstructive Microsurgery" – <https://www.wsrn.net/>

## Fellowship in Hair Transplantation

### Course Overview

The Fellowship in Hair Transplantation is a one-year advanced training program designed to equip surgeons with specialized skills in surgical and non-surgical hair restoration techniques. The course covers follicular unit extraction (FUE), follicular unit transplantation (FUT), scalp micropigmentation, PRP therapy, and post-operative management. The program integrates hands-on surgical training, clinical exposure, and research projects.

### Prerequisites

Criteria	Details
Eligibility	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery / Dermatology
Duration	1 Year (Full-Time)
Mode of Study	Clinical, Theoretical, Hands-on Training
Assessment	Theory, Practical Exams, Clinical Logbook, Research Project



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## Course Objectives

- Develop expertise in advanced hair transplantation techniques, including FUE and FUT.
- Gain proficiency in scalp analysis, donor area assessment, and graft harvesting.
- Learn about non-surgical hair restoration methods such as PRP therapy and micropigmentation.
- Understand post-operative care, complications, and patient counseling.
- Conduct research in hair transplantation and apply evidence-based practices.

## Curriculum with Semester-wise Syllabus & Modules

The one-year program is structured into two semesters covering theoretical concepts, clinical training, and research.

### Semester 1: Fundamentals & Core Techniques

Module	Topics Covered
Fundamentals of Hair Transplantation	History, evolution, patient evaluation, ethics
Follicular Unit Transplantation (FUT)	Strip harvesting, graft dissection, implantation
Follicular Unit Extraction (FUE)	Extraction techniques, donor site preservation
Non-Surgical Hair Restoration	PRP therapy, laser therapy, medications
Scalp Micropigmentation	Technique, indications, patient selection
Clinical Rotations	Hands-on training in hair transplant clinics

### Semester 2: Advanced Techniques & Special Cases

Module	Topics Covered
Advanced Hairline Design	Principles, artistry, natural aesthetics
Beard & Eyebrow Transplantation	Techniques, graft selection, outcomes
Robotic Hair Transplantation	Automation, AI-assisted FUE
Complications & Post-Operative Care	Infection management, graft survival optimization
Ethical & Medicolegal Aspects	Informed consent, malpractice prevention
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

## Program Outcomes

Program Outcome	Description
Expertise in Hair Transplantation	Perform FUT and FUE with precision and efficiency.
Non-Surgical Hair Restoration	Administer PRP therapy, medications, and micropigmentation.



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Program Outcome	Description
Advanced Hairline Design	Develop skills in designing natural and aesthetic hairlines.
Ethical & Legal Acumen	Ensure compliance with ethical and medicolegal considerations.

### Course Outcomes

Course Outcome	Description
FUT & FUE Techniques	Master hair transplantation using both techniques.
Donor & Recipient Site Management	Understand graft extraction, survival, and implantation.
Non-Surgical Interventions	Develop proficiency in PRP, medications, and scalp micropigmentation.
Post-Operative Care & Complications	Gain expertise in patient follow-up and complication management.

### Credits & Assessment Methods

**Total Credits: 40**

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.



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## Exam Pattern Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

## Practical Examination

Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Hair Transplantation Cases	40
FUE & FUT Techniques	Graft harvesting, implantation, donor site management	50
Non-Surgical Interventions	PRP therapy, Scalp Micropigmentation	50
OSCE	Clinical Scenarios, Skill Demonstration	40

## Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Hair Transplantation Cases	50
Recent Advances in Hair Transplantation	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Hair Restoration	30

## Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

## Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>





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### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.

### Recommended Books & E-Resources

#### Textbooks:

- "Hair Transplantation" – Walter Unger & Ronald Shapiro
- "Practical Guide to Hair Transplantation" – Dr. Venkataram Mysore
- "The Art and Science of Hair Restoration" – Dr. Robert True
- "Hair Transplant 360" – Samuel M. Lam & Kenneth A. Williams
- "Scalp Micropigmentation – The Ultimate Guide" – Steven Greitzer

#### Journals & E-Resources:

- International Society of Hair Restoration Surgery – <https://www.ishrs.org/>
- Journal of Cosmetic Dermatology – <https://onlinelibrary.wiley.com/journal/14732165>
- Hair Transplant Forum International – <https://www.ishrs.org/publications/>
- American Hair Research Society – <https://www.americanhairresearchsociety.org/>
- European Hair Research Society – <https://ehrs.org/>

### Fellowship in Burns Surgery

#### Course Overview

The Fellowship in Burns Surgery is a one-year specialized training program aimed at equipping surgeons with expertise in the management of acute burns, burn reconstruction, and post-burn rehabilitation. The program focuses on advanced wound care, surgical interventions, scar management, and functional restoration techniques. It integrates hands-on surgical training, clinical exposure, and research projects.

#### Prerequisites

Criteria	Details
<b>Eligibility</b>	MBBS with MS/DNB in General Surgery / MCh/DNB in Plastic Surgery
<b>Duration</b>	1 Year (Full-Time)
<b>Mode of Study</b>	Clinical, Theoretical, Hands-on Training
<b>Assessment</b>	Theory, Practical Exams, Clinical Logbook, Research Project





# School of Medical Sciences & Technology

## Course Objectives

- Develop expertise in the surgical and non-surgical management of burns.
- Master acute burn resuscitation and critical care principles.
- Gain proficiency in early excision, grafting techniques, and wound healing.
- Learn advanced techniques in burn reconstruction and scar management.
- Understand post-burn rehabilitation, functional restoration, and psychosocial care.
- Conduct research in burns surgery and apply evidence-based practices.

## Curriculum with Semester-wise Syllabus & Modules

### Semester 1: Fundamentals & Acute Burn Management

Module	Topics Covered
Principles of Burn Care	Burn classification, pathophysiology, fluid resuscitation
Acute Burn Resuscitation	Parkland formula, wound debridement, infection control
Burn Critical Care	Ventilation strategies, sepsis management, nutritional support
Early Excision & Skin Grafting	Split-thickness & full-thickness grafting, donor site care
Scar Prevention & Management	Hypertrophic scars, contractures, laser therapy
Clinical Rotations	Hands-on patient care in burn ICU and surgical units

### Semester 2: Advanced Burn Surgery & Reconstruction

Module	Topics Covered
Burn Reconstruction Techniques	Tissue expansion, flap reconstruction, microvascular surgery
Pediatric Burn Management	Special considerations, long-term care
Post-Burn Rehabilitation	Physiotherapy, occupational therapy, psychological support
Ethical & Medicolegal Aspects	Consent, medico-legal challenges in burn treatment
Research Project & Case Studies	Literature review, patient case reports, dissertation submission

## Program Outcomes

Sr. No.	Program Outcome	Description
1	Expertise in Acute Burn Management	Develop advanced skills in assessing, resuscitating, and treating burn patients using evidence-based protocols.



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Sr. No.	Program Outcome	Description
2	Proficiency in Surgical Burn Reconstruction	Gain expertise in performing skin grafting, flap surgeries, and reconstructive procedures for burn deformities.
3	Critical Care & Multidisciplinary Burn Management	Collaborate with plastic surgeons, intensivists, physiotherapists, and psychologists for holistic burn care.
4	Prevention & Rehabilitation Strategies	Understand burn prevention, rehabilitation techniques, and long-term patient care to improve quality of life.
5	Research & Innovations in Burn Care	Engage in clinical research, innovations in wound healing, and application of regenerative medicine in burns.

### Course Outcomes (COs)

Sr. No.	Course Outcome	Description
1	Understanding Burn Pathophysiology	Learn about different types of burns, pathophysiological changes, and systemic effects.
2	Mastery in Burn Resuscitation	Apply fluid resuscitation protocols (Parkland formula, Brooke formula) for effective burn management.
3	Advanced Wound Care & Dressing Techniques	Develop skills in managing burn wounds with specialized dressings, debridement, and infection control.



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Sr. No.	Course Outcome	Description
4	Hands-on Surgical Interventions	Gain proficiency in skin grafting, flap reconstruction, escharotomy, and contracture release.
5	Psychological & Social Rehabilitation of Burn Patients	Address psychosocial impacts of burns, including post-traumatic stress and reintegration strategies.

### Credits & Assessment Methods

**Total Credits: 40**

Component	Credits
Theory & Lectures	10
Clinical Rotations & Case Studies	10
Hands-on Training & Procedures	10
Research & Dissertation	10

### Assessment Pattern

Assessment Type	Weightage
Theory Examination (MCQs, Long & Short Answer)	30%
Clinical & Practical Exam (Case-Based Discussion, OSCE)	30%
Clinical Logbook & Case Reports	20%
Research Presentation & Dissertation	20%

**Passing Criteria:** Minimum 50% in each component to qualify.

### Exam Pattern

#### Theory Examination

- Section A (MCQs – 30 Marks)
- Section B (Short Answer Questions – 30 Marks)
- Section C (Long Answer Questions – 40 Marks)

#### Practical Examination

Component	Details	Marks
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Component	Details	Marks
Clinical Case Presentation	Diagnosis & Management of Burns Cases	40
Surgical Techniques	Skin grafting, flap coverage, excision	50
Burn ICU Management	Ventilation, fluid resuscitation, sepsis care	50
OSCE	Clinical Scenarios, Skill Demonstration	40

### Viva Voce (Oral Examination) (Total: 100 Marks)

Component	Details	Marks
Case Presentations	Discussion on Burns Surgery Cases	50
Recent Advances in Burns Surgery	Journal Article Discussion	20
Ethical & Legal Considerations	Medical Ethics in Burn Care	30

### Research/Dissertation Submission (Total: 100 Marks)

Component	Marks
Originality & Scientific Merit	30
Methodology & Data Analysis	30
Presentation & Discussion	20
Conclusion & Clinical Relevance	20

### Final Weightage & Passing Criteria

Exam Component	Total Marks	Minimum Passing Marks
Theory (Paper 1 & 2)	200	50% (100/200)
Practical Exam	200	50% (100/200)
Viva Voce	100	50% (50/100)
Dissertation	100	50% (50/100)
<b>Total (Overall)</b>	<b>600</b>	<b>50% Aggregate Required</b>

### Additional Notes

- To pass the fellowship, a minimum of 50% marks in each section (Theory, Practical, Viva, and Dissertation) is required.
- **Distinction:** Candidates scoring 75% and above will be awarded "Distinction."
- **Failure in Practical or Viva:** If a candidate fails in the practical or viva, they must reappear for the failed component in the next examination cycle.



### Recommended Books & E-Resources

#### Textbooks:

- Total Burn Care – David N. Herndon
- Burn Care and Rehabilitation – Gretchen J. Carrougher
- Principles and Practice of Burn Surgery – Juan P. Barret, Lars P. Kamolz
- Atlas of Burn Surgery – Lars P. Kamolz
- Reconstructive Plastic Surgery of the Head and Neck – Matthew M. Hanasono

#### Journals & E-Resources:

- Journal of Burn Care & Research – <https://academic.oup.com/jbcr>
- Burns – The Journal of the International Society for Burn Injuries – <https://www.burnsjournal.com/>
- Plastic and Reconstructive Surgery – <https://journals.lww.com/plasreconsurg>
- World Burn Congress – <https://www.phoenix-society.org/world-burn-congress>
- American Burn Association – <https://ameriburn.org/>

