

# **ASSOCIATION OF PLASTIC SURGEONS OF INDIA (APSI)**

## **Post Graduate Medical Education (PGME) Course**

### **APSI - PGME Course**



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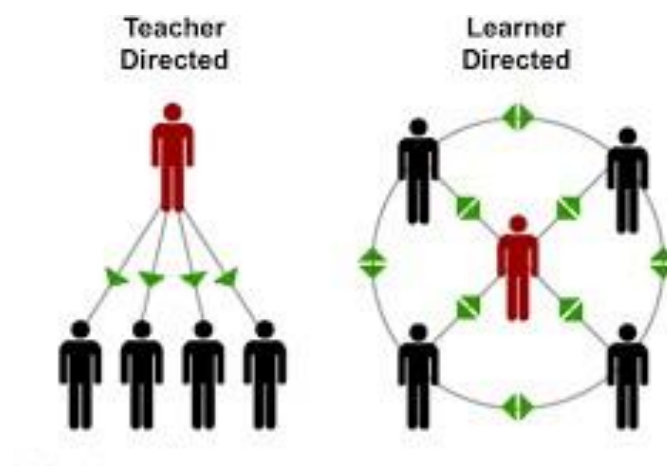
## TABLE OF CONTENTS

<u>S.No.</u>	<u>Topics</u>	<u>Page No.</u>
1	Introduction of the concept	2-3
2	Learning Objectives	4
3	Overview of APSI-PGME program	5
4	Flow of program	6-7
5	Roles & Responsibilities a) Postgraduate student b) Faculty Examiners c) Mentors/Observers	8-9
6	Benefits of the program a) Postgraduates b) Faculty c) APSI	10
7	Financial Implications	11
8	List of Cases	12-13
9	Google Form for Registration	14
10	List of Centres/Examiners	15-24
11	References	25

**Disclaimer:** The thought and inspiration for the above course have been derived from the Regional Refresher Course (RRC) of the Association of Surgeons of India (ASI) which is being held from July-September every year as generally final exams start from Nov-Dec up to April.

# 1. Introduction of the concept

Adult learning theory is rooted in andragogy which is the practice of teaching adults, as opposed to pedagogy, the practice of teaching children. The seven principles of adult learning include self-direction, transformation, experience, mentorship, mental orientation, motivation, and readiness to learn and is Learner oriented as compared to Teacher oriented in pedagogy learning.



To foster the adult teaching learning skills in its postgraduate residents (MCh/DNB), the Association of Plastic Surgeons of India (APSI) should have an ongoing teaching program round the year including the components of Self-Directed Learning which in turn, requires a number of skills, viz. critical thinking (problem solving) skills, research, effective time management, good communication skills.

This Post Graduate Medical Education (PGME) for plastic surgery residents will be a structured course including case-based discussions (CBD), instruments, radiology, pathological specimens, operative viva. It will be designed in such an order to cover almost

all the topics pertinent to plastic surgery curriculum and conducted on the pattern of preparations for the exit exams. Apart from the responsibilities of teaching departments running these M.Ch./DNB programs, our esteemed association has taken it upon itself to strengthen the academics of those PGs who are working at places where proper teaching and training is lacking. It will create an opportunity for the residents to appear for a mock viva voce on a national platform in front of Faculty examiners from various centers and instill a feeling of confidence and healthy competition among the residents.

This will be entirely different from PG students' presentations during Conferences and CMEs where they present their research work. Here they will be presenting like students and not researchers. The course incorporated the concept of **Formative Assessment (Assessment for Learning)** mentioned in CBME with the primary purpose of reinforcing student learning and providing feedback on performance and remediation.

In the era of the National Medical Commission (NMC) - Competency-based Medical Education, which provides an effective outcome-based strategy and focuses on competencies rather than the completion of the curriculum, **PGME course would be novel initiative from APSI**. It will benefit the plastic surgery postgraduate residents and young plastic surgeons so that they become life-long learners, which in turn will benefit our specialty and hence the whole of society.

## 2. Learning Objectives

At the end of each PGME program, the residents will be able to:

1. Recall the relevant anatomy and details of the disease process.
2. Describe the clinical presentation of the patient.
3. Demonstrate the examination of the relevant part.
4. Describe the tests that are commonly done in clinical practice relevant to the diagnosis.
5. Understand the planning of particular case management.
6. Understand the type of surgical procedures in the context to the patient presentation.
7. Demonstrate the decision-making skills in each case.
8. Write a summary of the case.

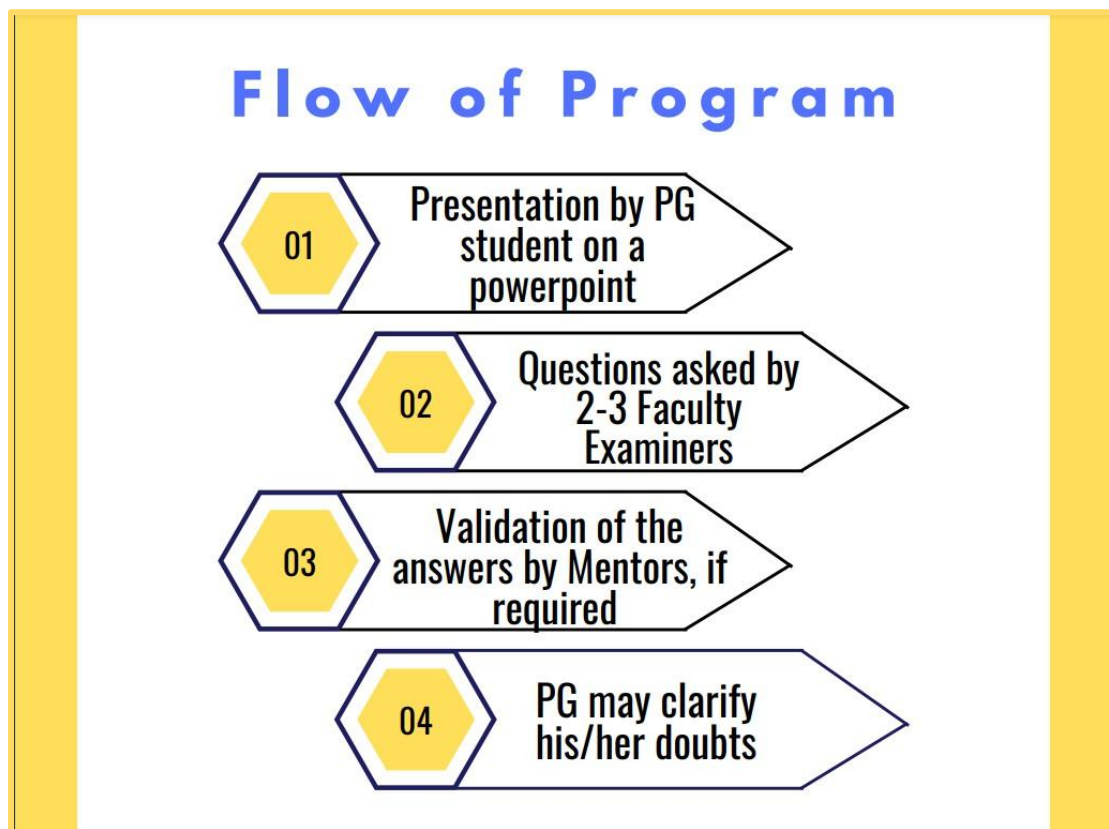
### 3. Overview of APSI-PGME program

- The resident participating as a Presenter in this program **MUST be APSI associate member.**
- The presenter may belong to any year of the MCh/DNB residency program.
- An online registration via Google form will be mandatory for participation.
- APSI will make all efforts to conduct these programs as Onsite meetings but in case of any issue, it will be held as web-based meeting.
- The deliberations **must not include any didactic lecture** and go beyond the clinical examination and include recent trends in the management of all cases to make it educational and informative to other plastic surgeons.
- These programs will also include **hands-on training in basic plastic surgical skills** e.g. suturing/microvascular/tendon/nerve repair and cadaveric flap dissections.
- Registration for all hands-on training courses should be separate and reserved only for the postgraduates. The other sessions including discussions can be attended by qualified plastic surgeons with prior registration.
- Feedback will be collected from all participants at the end of every such program so that further modifications may be done for maximal benefit.
- It can be conducted throughout the year on a zonal basis (3-4 in no.) so that if someone from one zone misses can join in the next zone.
- In the future, APSI may also start the Best Resident Award in each Zone for positive enforcement.

## 4. Flow of program

Each session will be conducted in four steps:

1. Presentation by PG student on a power point.
2. Questions will be asked by 2-3 Faculty Examiners.
3. Validation of the answers by Mentors, if required, and feedback on their performance.
4. PG student may clarify their doubts at the end of the discussion.



The flow of the complete program will remain same both in web-based and online mode. Modifications may be done from time to time depending upon the requirements and feedback.

## **Web-based meeting**

**Day 1:** Long and short cases

**Day 2:** Radiology: CT/X- rays

Surgical instruments and devices

Pathology specimens/3D Models

Surgical procedures (operative viva)

Spotters

## **Onsite meeting**

**Day 1:** Hands-on/Cadaveric workshop + Long and short cases

**Day 2:** Long and short cases

Radiology: CT/X- rays

Surgical instruments and devices

Pathology specimens/3D Models

Surgical procedures (operative viva)

Spotters



## 5. Roles and Responsibilities

### a) Postgraduate students:

1. The student will present the **long/short cases** as a **PowerPoint presentation**. The **format for case presentation will remain the same as in the PG classes**.
  - The student must sit at an appropriate distance from the camera so that he/she is in full view and the voice is audible.
2. For **Instruments/Radiology/Specimen**, the presenting student will present in a **PowerPoint format**. He/She can also coordinate with the Course Directors for the same.
3. For **operative viva**, the sub-headings covering the topic will be presented in a PowerPoint format. It will be in the flow of an operative chat as in PG classes. He/She can also coordinate with the Course Directors for the same.
4. A good internet connection with adequate light on the face is a must and **audio/video must be kept ON throughout the presentation**.
5. The student must be well-read regarding the theoretical and practical aspects of the case.
6. He/She should stick to the allotted time for presentation so that adequate time is there for discussion.
7. All presenting PG students **MUST** attend the dry run one/two days before the course to check the audio-visual setup.
8. Attendance is compulsory for both days to get the certificate.

## **b) Faculty Examiners:**

- ❖ Once the student has presented the case, a **panel of Faculty Examiners (2- 3 in no.)** will put up their questions.
- ❖ In case of incorrect answers by the student, the faculty will guide them towards correct concepts and decision-making.
- ❖ The Faculty will also provide feedback to the students on a one-to-one basis throughout the course so that they become aware of their performance and take the remedial measures to improve.
- ❖ It will be the responsibility of the Faculty to complete the discussion within the allotted time.
- ❖ The faculty must make a few concluding points at the end of the discussion.

### c) Mentors/Observers:

- ❖ Mentors will be the **senior examiners** who will ensure that the viva is going according to the merits of the case. If required, they will also validate the answers in case there is no consensus among the Faculty Examiners.
- ❖ Mentors will also provide their valuable input at the end of every presentation and can point out the important aspects of a particular case.
- ❖ The Mentors and Examiners will point out the areas well presented by the participants and areas in which they lack knowledge or concepts. The inclusion of feedback to the students is an effective part of formative assessment which focuses on making a competent learner.
- ❖ The presence of senior examiners will be an integral part as they are the ones whose feedback can help in the alignment of teaching-learning methods to the assessment methods and expected outcomes. This will help the PG students to prepare for their exit exams in a standardized way.

## 6. Benefits of the program

### a) Benefits to the PGs:

- ❖ It will give them a boost for preparing well for their practical/viva voice (like SDL, Self-Directed Learning).
- ❖ It will create a competitive environment among the PG students from various centers.
- ❖ It will help them in providing validated answers (validation will be done by Faculty Examiners and Mentors who have been regular examiners).
- ❖ It will bring uniformity in their knowledge, gap and practices (irrespective of their training centre).

### b) Benefits to the Faculty Examiners/Mentors:

- ❖ Opportunity to teach other students apart from their centers.
- ❖ Feeling of satisfaction on seeing the students more empowered.
- ❖ The biggest benefit will be to pursue the passion of a teacher.

*“Learning is best when done in collaboration”*

## 7. Financial Implications

- ❖ The financial implications include the following headings:
  - ✚ A single course will consist of 2.5 hours/day for 2 consecutive days.
  - ✚ 4 such sessions may be planned in a year. An increase in the no. of sessions will depend upon the feedback from participants and Faculty.
  - ✚ The financial implications of the courses held as physical meetings will be borne by the Organizers.
  - ✚ Approximate cost: 8,000 – 12,000/course
- ❖ Quotations invited from the vendors will be submitted separately

## 8. List of Items (\*)

### A. Long Cases

1. Low limb defect with exposed bone
2. Post burn contracture neck
3. Carcinoma oral cavity
4. Pressure sore
5. Brachial plexus injury

### B. Short Cases

1. Cleft lip/palate
2. Facial nerve palsy
3. Hypospadias
4. Gynaecomastia
5. Ulnar nerve palsy
6. Median nerve palsy
7. Radial nerve palsy
8. Post burn contracture hand
9. Post burn contracture knee
10. Post burn contracture Axilla
11. Vascular malformation
12. Ptosis
13. Syndactyly

14. Basal cell carcinoma
15. Squamous cell carcinoma
16. Flexor tendon injury
17. Extensor tendon injury
18. Dupuytren's contracture
19. Camptodactyly
20. Constriction ring syndrome
21. Microtia
22. Cut injury nose/Cleft nose
23. TMJ Ankylosis

**\* Any other cases at the discretion of course directors to the existing list**

## **C. Radiology**

### **D. X-rays. OPD, CT, MRI**

### **E. Instruments + Operative viva**

### **F. Specimen/3D Models**

### **G. Spotters**

## 9. Google Form for Registration

9/20/22, 9:21 PM Association of Plastic Surgeons of India APSI-PGME Registration Form 2022

### Association of Plastic Surgeons of India APSI-PGME Registration Form 2022

Date: 13-14th October 2022  
Timing: 8 PM - 10 PM (both days)

**\* Required**

- Name \***  
\_\_\_\_\_
- Mobile no \***  
\_\_\_\_\_
- Email \***  
\_\_\_\_\_
- College/Institute \***  
\_\_\_\_\_
- State**  
\_\_\_\_\_
- Faculty \***  
*Mark only one oval.*  
 APSI Member  
 Non APSI Member

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- PG Student \***  
*Mark only one oval.*  
 APSI Member  
 Non APSI Member  
 Applied for membership

**Please feel free to contact on:**  
drsveena@aiimspatna.org  
bhatnagarankur2000@yahoo.com

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Google Forms

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**10. List of MCh/DNB Centres (Ref: APSI Website)**  
(Please visit [www.nmc.org.in](http://www.nmc.org.in) for updated information)

**Post Graduate Courses (Plastic Surgery) in India MCh**

Sr. No.	Course Name	State	Name and Address of Medical College / Medical Institution	Annual Intake (Seats)
1	M.Ch - Plastic Surgery	Andhra Pradesh	Andhra Medical College, Visakhapatnam	2
2	M.Ch - Plastic Surgery	Andhra Pradesh	Narayana Medical College, Nellore	2
3	M.Ch - Plastic Surgery	Assam	Gauhati Medical College, Guwahati	2
4	M.Ch - Plastic Surgery	Bihar	Patna Medical College, Patna	1
5	M.Ch - Plastic Surgery	Chandigarh	Postgraduate Institute of Medical Education & Research, Chandigarh	10
6	M.Ch - Plastic Surgery	Delhi	PGIMER Dr. RML Hospital, New Delhi	4

7	M.Ch - Plastic Surgery	Delhi	Vardhman Mahavir Medical College & Safdarjung Hospital, Delhi	10
8	M.Ch - Plastic & Reconstructive Surgery	Delhi	All India Institute of Medical Sciences, New Delhi	15
9	M.Ch - Plastic Surgery	Gujarat	B J Medical College, Ahmedabad	4
10	M.Ch - Plastic Surgery	Gujarat	Government Medical College, Surat	1
11	M.Ch - Plastic Surgery	Gujarat	Medical College, Baroda	2
12	M.Ch - Plastic Surgery	Gujarat	MP Shah Medical College, Jamnagar	1
13	M.Ch - Plastic Surgery	Gujarat	SBKS Medical Instt. & Research Centre, Vadodra	1
14	M.Ch - Plastic Surgery	Gujarat	Smt. N.H.L. Municipal Medical College, Ahmedabad	8
15	M.Ch - Plastic Surgery	Haryana	Pt. B D Sharma Postgraduate Institute of Medical Sciences, Rohtak (Haryana)	1

16	M.Ch - Plastic Surgery	Jammu & Kashmir	Sher-I-Kashmir Instt. Of Medical Sciences, Srinagar	2
17	M.Ch - Plastic Surgery	Karnataka	A J Institute of Medical Sciences & Research Centre, Mangalore	1
18	M.Ch - Plastic Surgery	Karnataka	Bangalore Medical College and Research Institute, Bangalore	4
19	M.Ch - Plastic Surgery	Karnataka	Jawaharlal Nehru Medical College, Belgaum	1
20	M.Ch - Plastic Surgery	Karnataka	M S Ramaiah Medical College, Bangalore	1
21	M.Ch - Plastic Surgery	Karnataka	Rajarajeswari Medical College & Hospital, Bangalore	1
22	M.Ch - Plastic Surgery	Karnataka	S S Institute of Medical Sciences & Research Centre, Davangere	1
23	M.Ch - Plastic Surgery	Karnataka	St. Johns Medical College, Bangalore	2
24	M.Ch - Plastic Surgery	Karnataka	Vydehi Institute Of Medical Sciences & Research Centre, Bangalore	2
25	M.Ch - Plastic Surgery	Kerala	Amrita School of Medicine, Elamkara, Kochi	2

26	M.Ch - Plastic Surgery	Kerala	Government Medical College, Kottayam	1
27	M.Ch - Plastic Surgery	Kerala	Government Medical College, Kozhikode, Calicut	2
28	M.Ch - Plastic Surgery	Kerala	Medical College, Thiruvananthapuram	2
29	M.Ch - Plastic Surgery	Maharashtra	Armed Forces Medical College, Pune	3
30	M.Ch - Plastic Surgery	Maharashtra	B. J. Govt. Medical College, Pune	1
31	M.Ch - Plastic Surgery	Maharashtra	Government Medical College, Nagpur	0
32	M.Ch - Plastic Surgery	Maharashtra	Grant Medical College, Mumbai	4
33	M.Ch - Plastic Surgery	Maharashtra	Krishna Institute of Medical Sciences, Karad	1
34	M.Ch - Plastic Surgery	Maharashtra	Lokmanya Tilak Municipal Medical College, Sion, Mumbai	2
35	M.Ch - Plastic Surgery	Maharashtra	Mahatma Gandhi Missions Medical College, Aurangabad	1

36	M.Ch - Plastic Surgery	Maharashtra	N. K. P. Salve Instt. of Medical Sciences and Research Centre and Lata Mangeshkar Hospital, Nagpur	1
37	M.Ch - Plastic Surgery	Maharashtra	Padmashree Dr. D.Y.Patil Medical College, Navi Mumbai	1
38	M.Ch - Plastic Surgery	Maharashtra	Seth GS Medical College, Mumbai	2
39	M.Ch - Plastic Surgery	Maharashtra	Tata Memorial centre, Mumbai	2
40	M.Ch - Plastic Surgery	Maharashtra	Topiwala National Medical College, Mumbai	4
41	M.Ch - Plastic & Reconstructive Surgery	Manipur	Regional Institute of Medical Sciences, Imphal	1
42	M.Ch - Plastic Surgery	Orissa	SCB Medical College, Cuttack	3
43	M.Ch - Plastic Surgery	Pondicherry	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry	2
44	M.Ch - Plastic Surgery	Pondicherry	Pondicherry Institute of Medical Sciences & Research, Pondicherry	1

45	M.Ch - Plastic Surgery	Punjab	Christian Medical College, Ludhiana	2
46	M.Ch - Plastic Surgery	Punjab	Dayanand Medical College & Hospital, Ludhiana	2
47	M.Ch - Plastic Surgery	Rajasthan	SMS Medical College, Jaipur	6
48	M.Ch - Plastic & Reconstructive Surgery	Rajasthan	Mahatma Gandhi Medical College and Hospital, Jaipur	1
49	M.Ch - Plastic Surgery	Tamil Nadu	Chengalpattu Medical College, Chengalpattu	1
50	M.Ch - Plastic Surgery	Tamil Nadu	Christian Medical College, Vellore	3
51	M.Ch - Plastic Surgery	Tamil Nadu	Coimbatore Medical College, Coimbatore	2
52	M.Ch - Plastic Surgery	Tamil Nadu	Kilpauk Medical College, Chennai	6
53	M.Ch - Plastic Surgery	Tamil Nadu	Madras Medical College, Chennai	8
54	M.Ch - Plastic Surgery	Tamil Nadu	Madurai Medical College, Madurai	2

55	M.Ch - Plastic Surgery	Tamil Nadu	Sri Ramachandra Medical College & Research Institute, Chennai	2
56	M.Ch - Plastic Surgery	Tamil Nadu	SRM Medical College Hospital & Research Centre, Kancheepuram	1
57	M.Ch - Plastic Surgery	Tamil Nadu	Stanley Medical College, Chennai	6
58	M.Ch - Plastic Surgery	Tamil Nadu	Thanjavur Medical College, Thanjavur	1
59	M.Ch - Plastic Surgery	Telangana	Deccan College of Medical Sciences, Hyderabad	1
60	M.Ch - Plastic Surgery	Telangana	Gandhi Medical College, Secunderabad	3
61	M.Ch - Plastic Surgery	Telangana	Nizams Institute of Medical Sciences, Hyderabad	4
62	M.Ch - Plastic Surgery	Telangana	Osmania Medical College, Hyderabad	8
63	M.Ch - Plastic Surgery	Uttar Pradesh	Institute of Medical Sciences, BHU, Varansi	2
64	M.Ch - Plastic Surgery	Uttar Pradesh	Jawaharlal Nehru Medical College, Aligarh	4

65	M.Ch - Plastic Surgery	Uttar Pradesh	King George Medical University, Lucknow	4
66	M.Ch - Plastic Surgery	West Bengal	Institute of Postgraduate Medical Education & Research, Kolkata	6
67	M.Ch - Plastic Surgery	West Bengal	Medical College, Kolkata	4
68	M.Ch - Plastic Surgery	West Bengal	Nilratan Sircar Medical College, Kolkata	1
69	M.Ch - Plastic Surgery	West Bengal	RG Kar Medical College, Kolkata	3

### **Post Graduate Courses (DNB Plastic Surgery) in India:**

<b>Sr. No.</b>	<b>Name of the Hospital</b>	<b>Address of the institution</b>	<b>Annual Intake (Seats)</b>
1	Army Hospital (R & R)	Near Dhaulakuan Metro Station, Delhi Cantt - 110010	2
2	Lok Nayak Jayprakash Narayan Hospital	NEW DELHI-110002	2



3	Maharaja Agarsen Hospital	Punjabi Bagh (General Store) NEW DELHI-26	1
4	Sir Ganga Ram Hospital	Rajinder Nagar NEW DELHI-60	1
5	Manipal Hospital	98 Rustum Bagh Airport Road BANGALORE - 17	1
6	Sparsh Hospital	29/P2 The Health City Hosur Road Bommasandra Bangalore-560099	1
7	Bangalore Medical College & Research Institue	Fort Bangalore - 560002	4
8	Amrita Institute of Medical Scs. Amrita	Elamkara (PO) KOCHI-26 Kerala	1
9	Medical Trust Hospital	M. G. Road KOCHI-16 Kerala	1
10	Specialists Hospital	Kochi	0
11	Elite Mission Hospital	Koorkkan cherry Thrissur - 7	1
12	Bombay Hospital & Instt. of Med. Science	12 Marine Lines MUMBAI-20	2
13	Deenanath Mangeshkar Hospital & Res. Cen	Erandwane PUNE - 4	1

14	Amandeep Hospital	Amandeep Hospital G.T.Road Model Town Amritsar	1
15	Apollo First Med Hospital	No.154 Poonamallee High Road Kilpauk Chennai-600010	2
16	Right Hospital	1 Professor Subramaniam Street Kilpauk Chennai-10	1
17	Ganga Medical Centre	Ganga Medical Centre and Hospital 313, Mettupalayam Road, Coimbatore - 641043	3
18	Vivekananda Polyclinic	Vivekanandpuri LUCKNOW - 7	1

## 11. References:

- a. <https://asiindia.org/2021/05/28/regional-refresher-courses-rrc-2021>
- b. David C. M. Taylor & Hossam Hamdy (2013) Adult learning theories: Implications for learning and teaching in medical education: AMEE Guide No. 83, Medical Teacher, 35:11, e1561- e1572, DOI: [10.3109/0142159X.2013.828153](https://doi.org/10.3109/0142159X.2013.828153).
- c. <https://apsi.in/post-graduate>
- d. <https://www.nmc.org.in/information-desk/college-and-course-search>