

# National Board of Examinations

New Delhi

Dated: 13-02-2019

## NOTICE

### Introduction of FNB PAEDIATRIC DERMATOLOGY Programme

**Attention: All Hospitals/Institutes/Medical Colleges desirous of seeking accreditation with NBE**

NBE grants accreditation to institutions/hospitals in public and private sector all over the country for the purpose of training of candidates in various specialties and disciplines of modern medicine.

2. Considering the emerging need to increase the pool of competent and skilled specialists and sub specialists so as to cater to the healthcare needs of the society and community at large, National Board of Examinations administers Post-Doctoral Fellowship programme in 22 disciplines.
3. NBE invites *online* applications from eligible departments / institutions for a *1-year Post-Doctoral FNB Programme* in **Paediatric Dermatology**. Interested institutions/hospitals/medical colleges which fulfill the criteria as laid down for this programme by NBE can apply for fresh accreditation.
4. Details of the minimum accreditation criteria are available on NBE website [www.natboard.edu.in](http://www.natboard.edu.in) under quick link "**Accreditation Online**".
5. Indicative Outline and requirements specific to aforesaid programme are as under:

**Aim &  
Objectives of  
the  
Programme**

**AIM:**

To provide comprehensive high-quality standard training and expertise to dermatologists in Paediatric Dermatology

**OBJECTIVES:**

At the end of this course the fellow should be able to –

**1) Knowledge**

- Acquire comprehensive knowledge of basic science and principles of diagnosis and treatment in neonatal, infantile and paediatric skin.
- Acquire comprehensive knowledge of neonatal and inherited disorders and common and rare specific paediatric dermatologic diseases
- Acquire comprehensive knowledge of emergencies in Paediatric dermatologic diseases and their management
- Acquire comprehensive knowledge of psychosocial impact of Paediatric dermatologic diseases
- To gain proficiency in using drugs including immuno-suppressive in children, with appropriate knowledge of indications, contraindications, dosage, laboratory monitoring, drug interactions and adverse effects.
- To gain knowledge and access to resources for appropriate genetic work-up of genodermatoses as required.
- To gain knowledge in full range of paediatric dermatologic procedures.

**2) Skills**

- To acquire skills to diagnose and treat common skin conditions in paediatric population competently.
- To reliably diagnose, investigate and manage long term skin conditions including but not restricted to atopic dermatitis, genodermatoses, vascular lesions and inflammatory disorders.
- To reliably recognize cutaneous signs and symptoms of internal diseases in children, and effectively investigate and manage, and appropriately consult other specialties as required.
- To identify cutaneous signs and symptoms of rheumatologic and autoimmune conditions, to appropriately investigate and manage, and to know when to refer to a pediatric rheumatologist.
- To identify cutaneous infections and infestations, and appropriately investigate and treat.
- To recognize cutaneous manifestations of neurocutaneous diseases, appropriately investigate and manage and to refer if needed.

	<ul style="list-style-type: none"> <li>• To recognize signs and symptoms of sexually transmitted diseases and sexual abuse, to appropriately investigate and manage, and consult appropriate authorities as needed.</li> <li>• To acquire proficiency in full range of paediatric dermatologic procedures.</li> <li>• To demonstrate effective communication skills and be able to build rapport with patients, parents, families and colleagues.</li> <li>• To demonstrate effective teaching skills to students and resident doctors.</li> <li>• To exhibit understanding of clinical audit and clinical research in paediatric dermatology.</li> <li>• To be able to exhibit ethical integrity and show respect and dignity when dealing with students, colleagues, patients or families.</li> </ul> <p><b>3) Statement of expected competencies</b></p> <ul style="list-style-type: none"> <li>• Diagnose common paediatric dermatologic conditions, and be able to appropriately investigate and manage them.</li> <li>• To be able to investigate for uncommon pediatric dermatologic conditions as required, and manage them appropriately.</li> <li>• To be able to recognize signs and symptoms of internal diseases, sexually transmitted diseases and sexual abuse, to appropriately investigate and manage, and refer and / or consult other colleagues as required.</li> <li>• Acquire proficiency in paediatric dermatologic procedures including dermoscopy, smear taking, scrapings, skin biopsy (punch, shave, excisional, incisional), NBUVB, electrosurgery/radiofrequency surgery, cryosurgery, curettage, intralesional injections, patch testing, laser (if available)</li> <li>• Exhibit effective communication skills and ethical integrity while dealing with patients, parents, families, students and colleagues.</li> <li>• Able to provide necessary inputs/ value added contribution in pediatric cases where multi-disciplinary approach is relevant / or sought for.</li> </ul>
<b>Nature of the Programme</b>	Post-Doctoral Fellowship programme (FNB)
<b>Nomenclature of the Programme</b>	FNB in Paediatric Dermatology
<b>Programme duration</b>	1 year

<b>Minimum Accreditation Criteria</b>	<b>The applicant hospital</b>	<p>The extant NBE norms shall be applicable for total beds in the applicant hospital. All categories of hospitals as per extant norms shall be eligible to seek accreditation with NBE provided that there is a <b><i>dedicated department of dermatology with running in-house department of Paediatrics and Emergency Medicine in the applicant hospital</i></b> with minimum provisions as detailed below.</p> <p>Supportive services such as Pathology, Microbiology, Biochemistry or a well-equipped central clinical laboratory and Radiology should be available.</p> <p>Preferable a Paediatric ICU in the hospital</p>
	<b>The applicant department</b>	<p>The department of dermatology should have access to admission of patients and intensive care unit facilities</p> <p>Minimum 5 beds for Paediatric Dermatology</p> <p>It should preferably be running specialty clinics for example- Paediatric vascular/genetic/bullous dermatoses clinics. Presence of other paediatric specialties like Paediatric rheumatology / immunology / Genetics, if running would be preferred too.</p> <p>Should have procedure room where skin biopsies, electrosurgery/radiofrequency and patch testing are performed</p>
	<b>Equipment in the department</b>	<p><i>Minimum Equipment required in the department:</i></p> <p>Dermoscope, microscopic slides, microscope, skin biopsy punch, surgical blades, sterile needles, electrosurgery/radiofrequency surgery equipment, cryosurgery equipment, patch testing kit and preferably relevant lasers.</p>

	<p style="text-align: center;"><b>Faculty</b></p>	<p>The applicant department should have at least 02 full time consultants running separate Paediatric dermatology clinics on a regular basis. One of them should be a <i>Senior Consultant</i> whereas the other consultant may be a <i>Junior Consultant</i> as defined below.</p> <ul style="list-style-type: none"> <li> <p>• <b>Senior Consultant: Qualification &amp; Experience</b> Should have 8 years of post PG experience of which at least 5 years of exclusive experience should be in Paediatric Dermatology after qualifying DNB/MD or equivalent recognized qualification in Dermatology</p> <p>Exclusive experience in the area of Paediatric Dermatology should be supported with work experience certificates.</p> </li> <li> <p>• <b>Junior Consultant: Qualification &amp; Experience</b> Should have 5 years of post PG experience of which at least 2 years of exclusive experience should be in Paediatric Dermatology after qualifying DNB/MD or equivalent recognized qualification in Dermatology</p> <p>Exclusive experience in the area of Paediatric Dermatology should be supported with work experience certificates.</p> </li> <li> <p>• <b>Senior Residents</b> 02 Senior Residents are <i>desirable</i> in the department. They must possess recognized Degree/Diploma qualification in the specialty of Dermatology. The degree/diploma should not have been awarded more than 60 months earlier from the date of filing the application. Sr. Residents with diploma qualification must possess minimum of 2 years of Post diploma experience in the specialty concerned.</p> </li> </ul>
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	<p><b>Patient Load</b></p>	<p>The minimum required patient load for the programme as under:</p> <p><b>a. OPD</b> Dedicated Paediatric dermatology OPD for 2 years, separate from adult OPD running for at least 2 years.</p> <p>The Annual Paediatric clinic attendance pertaining to subspecialty be at least 6000. Direct patient management and hand on training should be permitted.</p> <p><b>b. Minimum required Spectrum of Diagnosis</b></p> <table border="1" data-bbox="719 1641 1481 1989"> <tr> <td><b>Spectrum of Clinical Diagnosis</b></td> </tr> <tr> <td><b>NEONATAL AND INHERITED DISORDERS</b></td> </tr> <tr> <td>Neonatal skin and skin disorders</td> </tr> <tr> <td>Care of neonatal skin</td> </tr> <tr> <td>Immunodeficiency disorders</td> </tr> </table>	<b>Spectrum of Clinical Diagnosis</b>	<b>NEONATAL AND INHERITED DISORDERS</b>	Neonatal skin and skin disorders	Care of neonatal skin	Immunodeficiency disorders
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		Genodermatoses
		Ichthyosis and disorders of cornification
		<b>DISEASES OF MUCOUS MEMBRANE AND APPENDAGEAL STRUCTURE</b>
		Mucous membrane disorders
		Hair disorders
		Pigmentary disorders
		Nail and appendageal disorders
		Acne
		<b>REACTION PATTERNS</b>
		Eczematous dermatitis
		Papulo-squamous diseases
		Vesiculobullous diseases and Neonatal diseases
		Diseases of Dermis and subcutaneous tissue
		Sclerosing and atrophic conditions
		Vascular reaction
		Urticaria and Angioedema
		Pigmentary disorders
		<b>NEOPLASM AND SYSTEMIC DISORDERS</b>
		Vascular birth marks and other abnormalities of bloodvessels and lymphatic
		Benign neoplasm, Premalignant conditions and malignancy including Histiocytic and lymphocytic disorders
		Cutaneous manifestation of <ul style="list-style-type: none"> <li>- Endocrine disorders</li> <li>- Metabolic disorders</li> </ul> Nutritional disorders
		Collagen vascular and connective tissue diseases
		Auto-inflammatory diseases
		<b>INFECTION AND INFESTATION</b>
		Viral infection
		Bacterial infection

		<p>Fungal, protozoan and helminthic infection</p> <p>Infestation</p> <p><b>CHILD SEXUAL ABUSE /SEXUALLY TRANSMITTED INFECTION</b></p> <p>Syphilis</p> <p>Gonorrhea</p> <p>Chancroid</p> <p>LGV</p> <p>Molluscum</p> <p>Genital and Anal warts</p> <p>Child Abuse including Sexual abuse in children</p> <p><b>MISCELLANEOUS</b></p> <p>Relevant drugs in Pediatric age (including immunosuppressives)</p> <p>Drug reactions</p> <p>Photodermatoses</p> <p>Psychocutaneous disease</p> <p>Surgical procedures and Lasers in Pediatric Age</p> <p><b>INJURES</b></p> <p>Venomous animal injures</p> <p>Physically injures and environmental hazards</p> <p>Sports related injuries to the skin</p> <p><b>OTHERS</b></p>
	<b>Rotational Posting of trainees during the course of training</b>	<ul style="list-style-type: none"> <li>For specialized training, an externship of 4 weeks at another recognized center is permissible, provided a formal MOU including the planned training and evaluation module, is signed between both centers</li> </ul>
	<b>Recommended Readings</b>	Library should have at least 15 Paediatric Dermatology reference books (latest editions) and 2 paediatric dermatology journal subscriptions out of which one has

to be of any Indian society publishing the journal on the sub-specialty

**Recommended books for library (latest editions) -**

- *Pediatric dermatology* -Lawerence A Schachner, Ronald C Hansen.
- *Harper's textbook of pediatric dermatology* – Harper, Orange, Prose.
- *Hurwitz clinical pediatric dermatology* – Amy paller, Anthony J Mancini
- *Colour atlas and synopsis of pediatric dermatology* – Sandipan Dhar
- *Text book of Neonatal dermatology*. Lawerence F Eichenfield , Ilona J Frieden, Nancy B Esterly .
- *Rook's Text book of Dermatology* - Tony Burns, Stephen Breathnach, Neil cox, Christopher Griffiths
- *Fitz Patrick's dermatology in General medicine* - Irwin M Freedberg, Arthur Z Elsen, Klaus Wolff, K Frank Austen, Lowell A Goldsmith, Steephen I Katz
- ***Text book of Pediatric Dermatology: Arun C Inamadar, Aparna Palit , Ragunatha S***

**Recommended journals:**

- *Pediatric Dermatology*
- *Pediatrics*
- *Indian journal of pediatric dermatology*

<b>Entry and Exit Criteria for Candidates</b>	Candidates in possession of recognized MD/DNB Dermatology qualification shall be eligible for this fellowship course. Entrance and Exit examination shall be as per applicable NBE norms for NBE Fellowship (FNB) courses.
<ul style="list-style-type: none"> <li>• <b>Stipend</b> Stipend to FNB trainees shall be paid as per NBE norms.</li> <li>• <b>Research Work/Thesis</b> Preferably should be carrying out research activities/ projects in specialty. Fellows to perform at least one audit and preferably have one presentation at a conference or least one research article sent for publication during the tenure</li> <li>• <b>Training record</b> The record of training shall be required to be maintained as a Log book prescribed by NBE.</li> </ul>	

6. For details of minimum accreditation criteria, application process and cut-off date to submit applications for year 2019, please refer to the 2019 Information Bulletin for seeking accreditation with NBE available on NBE website under quick link: [https://accr.natboard.edu.in/online\\_user/frontpage.php](https://accr.natboard.edu.in/online_user/frontpage.php)

7. For Any further clarification/assistance, please write to NBE at e-mail ID [accr@natboard.edu.in](mailto:accr@natboard.edu.in)

**NBE.**