



# **District DNB Programme** **The Concept**

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# DNB (Diplomate of National Board)

- Most Acclaimed Post Graduate and Post Doctoral Qualification in the Country
  - DNB Broad Specialty Programme - 29
  - DNB Super Specialty Programme - 29
  - Fellowship (Sub-Specialty) Programme - 15
  
- Equated with MD/MS or DM/MCh for Clinical Practice

# [ DNB (Diplomate of National Board) ]

- Recognized by Govt. of India for Teaching positions
- Only degree awarded after successfully qualifying:
  - A National level *Centralized Entrance Test (NEET - PG)* and
  - A National level *Centralized Exit Examination (DNB Final)*

# **District DNB Programme: Benefits**

- Increased number of Working hands
  - Specialists
  - Attending Consultants/Senior Residents
  - Post Graduate Trainees
  - Ancillary Staff/Nurses
  
- Continuous Supply Chain of trained Medical Staff and Resources

# District DNB Programme: Benefits

- Creation of a Teaching & Research Ecosystem in the hospital
  - Scholarly Activities
  - PG teaching and training
  - Academic Infrastructure & Facilities
- Better quality Clinical Care
- Improved Health Care Delivery: The Primary Objective of the District Hospital

# The District Hospital

## Essential Prerequisites

- State Govt. owned District Hospital
- A Multi specialty hospital with at least 200 beds offering following services:
  - General Medicine
  - General Surgery
  - Obstetrics and Gynaecology
  - Pediatrics
  - Orthopedics and
  - Emergency Medicine

# The District Hospital

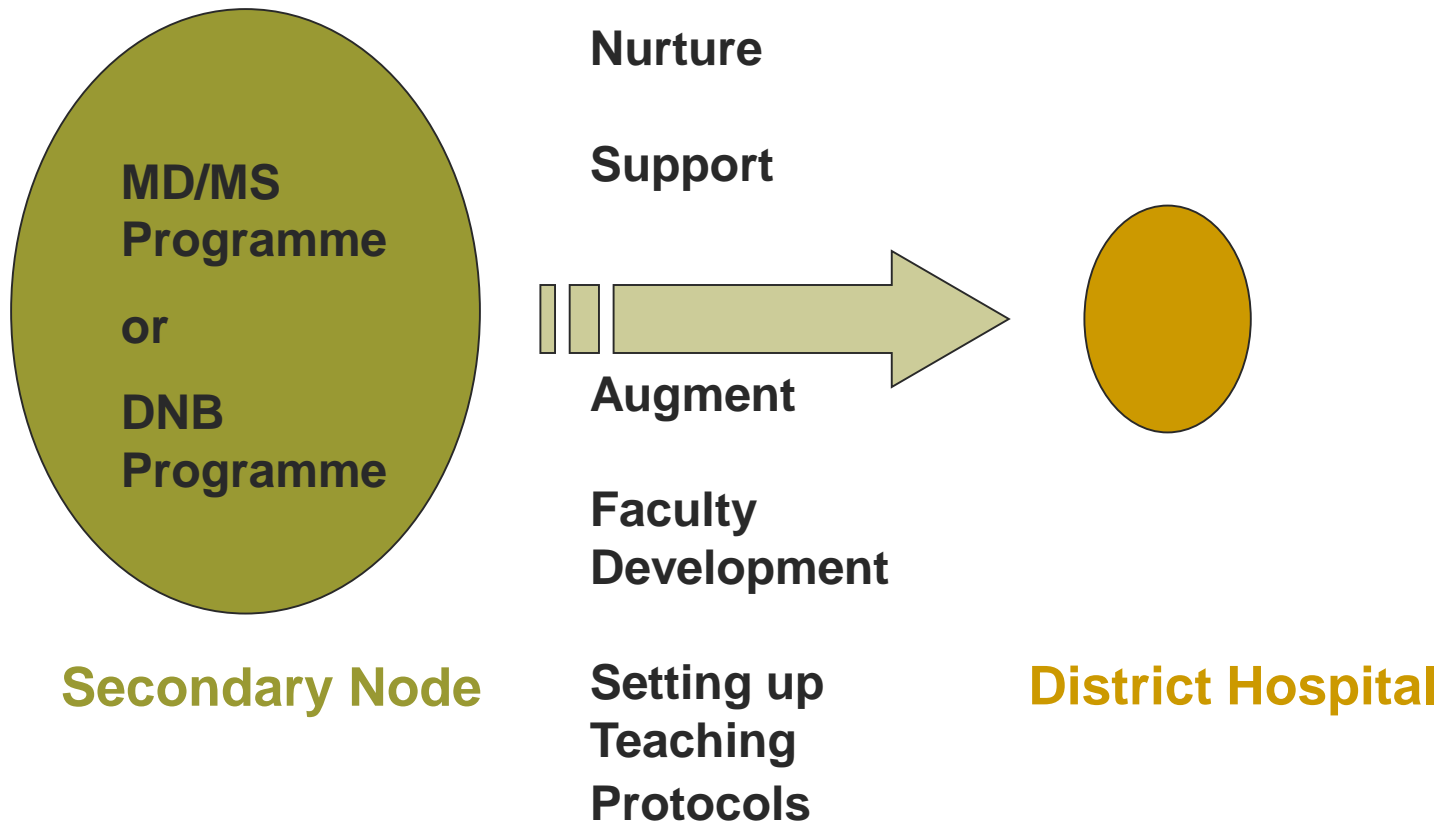
## Essential Prerequisites

- A Single specialty hospital with at least 100 beds:
  - Maternal and Child Centre
  - An exclusive Neuroscience set up etc
- Annexed with a Secondary Node:
  - A Medical College/Institute
  - A NBE Accredited Hospital/Institute
  - A State Health Science University

# The District Hospital

## Essential Prerequisites

- Objectives of Secondary Node





# The District Hospital

## Essential Prerequisites

- Role of the Secondary Node
  - Basic Science Teaching & Training
  - An adjunct faculty/PG Teacher in the specialty for DNB Programme
  - The Ethics & Scientific Research Committee
  - Library Facilities
  - Rotation in Sub-Specialty Areas

# Pilot Phase: State of West Bengal

Name of District Hospital in WB	Specialties and DNB seats Accredited with NBE
Imambara District Hospital, Hooghly	<ol style="list-style-type: none"><li>1. Pediatrics</li><li>2. OBGY</li><li>3. General Surgery</li><li>4. General Medicine</li><li>5. Anaesthesia</li></ol> <p><b>Totals Seats = 64</b></p>
North 24 Parganas District Hospital, Barasat	
District Hospital, Nadia	
Asansol District Hospital, Asansol	
District Hospital, Howrah	
Deben Mahato (Sardar) Hospital, Purulia	

# Expansion of District DNB Programme

Name of District Hospitals	Specialties and DNB seats Accredited with NBE
Jai Prakash District Government Hospital, Bhopal, Mp	<ol style="list-style-type: none"> <li>1. Pediatrics</li> <li>2. OBGY</li> <li>3. General Surgery</li> <li>4. General Medicine</li> <li>5. Anaesthesia</li> <li>6. Emergency Medicine</li> <li>7. Family Medicine</li> <li>8. Orthopaedics</li> </ol>
Siliguri District Hospital, Darjeeling, West Bengal	
Purba Medinipur District Hospital, Tamluk,	
District Hospital King Koti, Hyderabad	
District Hospital, Jalpaiguri, West Bengal	
Regional Hospital, Solan District, Himachal Pradesh	
Zonal Hospital, Mandi District, Himachal Pradesh	
K C General Hospital, Bangluru, Karnataka	
List Continued....	

# Expansion of District DNB Programme

Name of District Hospitals	Specialties and DNB seats Accredited with NBE
Government District General Hospital, Eluru, West Godavari District, Andhra Pradesh	<b>Totals Seats = 91</b>
Government District General Hospital, Cantonment, Vizianagaram, Andhra Pradesh	
Government District General Hospital, Nandyal, Kurnool District, Andhra Pradesh	
Lord Mahavir Civil Hospital, Ludhiana, Punjab	
Govt. R. D. B. P. Jaipuria Hospital Jaipur, Rajasthan	
Govt. Head Quarters Hospital, Cuddalore, Tamil Nadu	
Govt. Head Quarters Hospital, Virudhunagar, Tamil Nadu	

# Expansion of District DNB Programme

State	Under Process Applications
Himachal Pradesh	14
Andhra Pradesh	6
Telangana	25
Karnataka	35
Tamil Nadu	25
Punjab	2
Delhi	2
<b>Total</b>	<b>109</b>

# Beds in the Applicant Department

- Minimum required beds in the department as per NBE norms
  - General Medicine : 35
  - General Surgery : 35
  - Obstetrics and Gynaecology : 35
  - Paediatrics : 35
  - Family Medicine
    - General Medicine : 15
    - General Surgery : 15
    - Obstetrics & Gynaecology : 15
    - Paediatrics : 05
- At least 30% beds should be General beds (*earmarked for DNB candidates for training*)

# Patient Load in the Applicant department

- Minimum OPD (5000 per year) and IPD (1000 per year) in the department as prescribed by NBE
  - General Medicine
  - General Surgery
  - Paediatrics
  - Obstetrics & Gynaecology
  
- Case Mix
  - Anaesthesia
  - Radio diagnosis

# Specialty Services

- As per the requirement of the applicant specialty concerned
- General Medicine:
  - ICU
  - ICCU
  - Physiotherapy
  - Occupational therapy etc



# Specialty Services

- Anaesthesia:

- Diagnostic Procedures
- Monitored anesthetic care
- Diagnostic and Therapeutic nerve blocks
- Day care surgery
- ICU/accident, emergency & resuscitation
- Pain Management

# Specialty Clinics

- Anaesthesia
  - Pre-anesthesia clinic (PAC)
  - Pain Clinic
  
- Paediatrics
  - General Pediatric care
  - Neonatology
  - Neonatal resuscitation & Labour room care
  - Exchange Transfusion
  - Phototherapy

# Basic Science Teaching and Training

## ■ In-House Arrangement

- In-house faculty from Obstetrics, Orthopedics, General surgery & General medicine departments in the hospital may provide applied anatomy & physiology
- The biochemist, microbiologist, pharmacist & pathologist in the hospital can supplement the above team

# Basic Science Teaching and Training

- **Adjunct/Visiting faculty**
  - Specialists in basic sciences can visit the applicant hospital to impart the basic science teaching and training to DNB trainees of the hospital

# Basic Science Teaching and Training

- **Faculty of Secondary Node**

- DNB trainees of the hospital may attend basic science lectures organized by the Basic science departments at *Secondary Nodes*.

# [ Faculty ]

- Senior Consultants
  - Should have a minimum of 8 years of experience after qualifying DNB/MD/MS in the specialty concerned
  
- Junior Consultants
  - Should have a minimum of 5 years of experience after qualifying DNB/MD/MS in the specialty concerned
  
- Senior Residents
  - The degree should not have been awarded more than 60 months earlier from the date of filing the application

# [ Faculty ]

- PG Teacher
  - One of the consultants in the department should have clinical experience of minimum 10 years in an organized clinical set up and he/she should undertake his/her:
    - Intent to be a DNB Teacher
    - Role proposed as a DNB Teacher

OR

# [ Faculty ]

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- One of the consultants in the department should have a teaching experience of 5 years as a PG teacher either in a
  - University set up as Assistant professor/Associate Professor/ Professor OR
  - In a NBE Accredited department
    - Guided/Co-guided at least 2 DNB Thesis



# [ Faculty ]

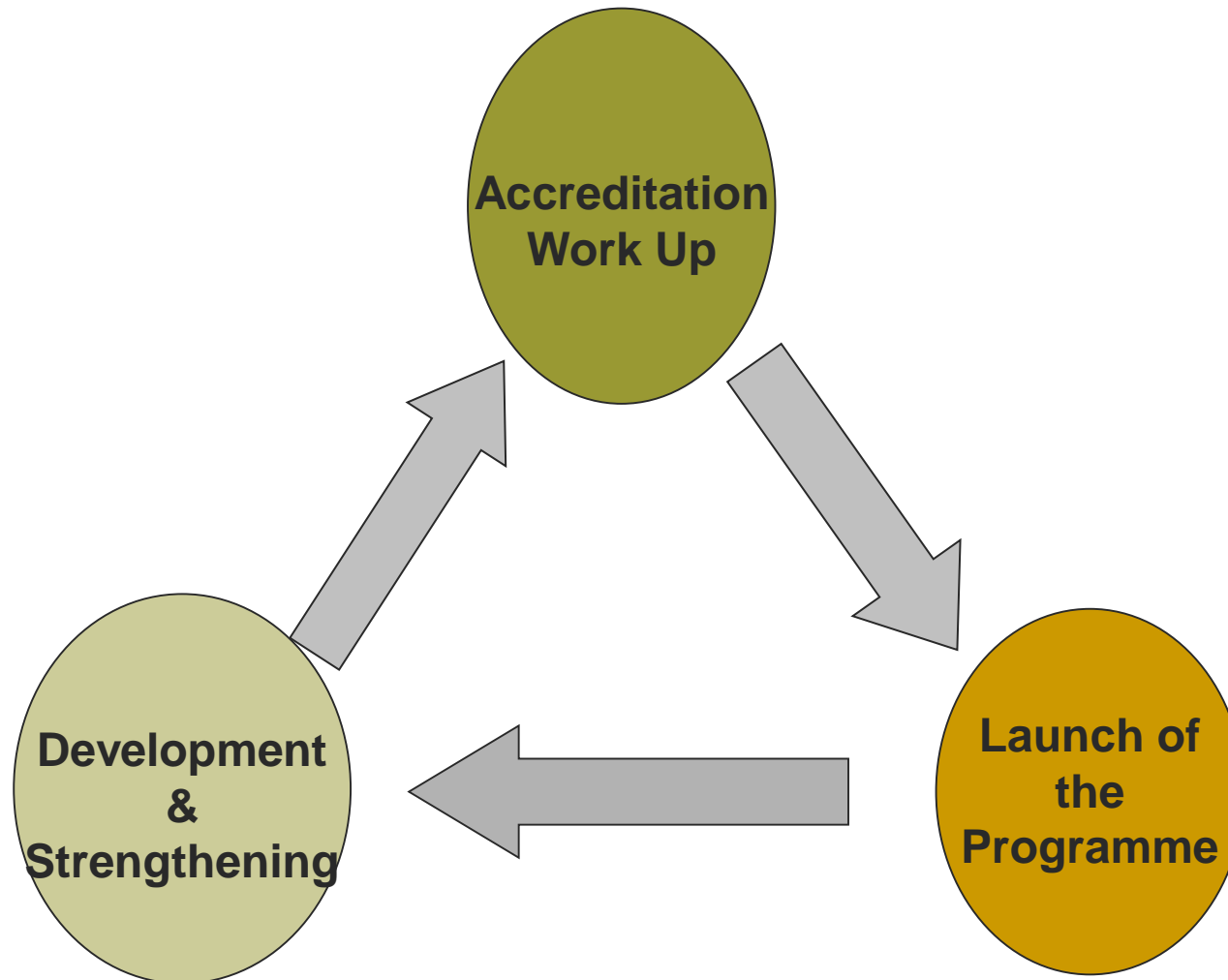
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## ■ Full time Status

- The applicant hospital should be the principle place of practice of the faculty .
- No other institutional attachments permitted except own private practice.
- The PG teacher of the Secondary Node shall be an adjunct faculty for the applicant district hospital

# Commitments for the State Govt.

- Full Support for Entire Accreditation Cycle



# Commitments for the State Govt.

- Accreditation Work Up
  - Infrastructure
  - Administrative Support
  - Redeployment of faculty and staff to the applicant hospital
  - An operational tie up with a Secondary Node

# Commitments for the State Govt.

## ■ Launch of the Programme

- Continuation and Scaling up of the above support
- Availability of the faculty during the period of accreditation
- Visits of trainees to Annexed Secondary node and Adjunct faculty of Secondary node to district hospitals
- Participation of faculty in periodic faculty development/ training of trainer's workshop
- Stipend to trainees

# Commitments for the State Govt.

- Development & Strengthening
  - Augmentation of physical infrastructure, Bed Capacity
  - Better provisions for apparatus/ facilities
  - Introduction of trained nurses/ancillary staff
  - In-house Academic Support

# Support by NBE

- Faculty development through various faculty development workshops
  - Research Methodology
- NBE Uniform e- learning Resource
  - Trauma Assessment and Management -3 Volumes
  - Research and Statistical method – 3 volumes
  - Emergency Management – 3 volumes
  - Bedside Teaching and Training - 3 volume

# Support by NBE

- To assist the local institutions to develop in to a center of academic excellence
- Formative Assessment Test (FAT) for DNB Trainees
  - **Part - I** : Conduction of theory examination
  - **Part - II** : Feedback session on the theory performance
  - **Part - III** : Work place based clinical assessment
- e-Classes

# Support by NBE

- Connect to a larger Network
  - NBE Accredited departments across the Country
- Nodal Officer Training Programme
  - Single point of Contact at District Hospital
  - Nodal Programme Coordinator at DHS
  - Nodal Programme Coordinator at Secondary Node



# Application Process

- Applications invited on an annual basis every year
- Time frame for application processing and outcome communication: 6months – 1 year
- A complete application comprises of 2 sets of documents:
  - Main Application
  - Specialty Specific Application

# Application Process

- Main Application

- Submitted as a single set of prescribed documents for a particular calendar year by the applicant Hospital

- Hospital Profile:

- Functionaries
- Regulatory Approvals
- Beds and Patient Load in the hospital
- Basic Support Services
- Provision for Basic Science teaching
- Library Facilities
- Institutional Ethics and Research Committee
- Stipend

# Application Process

- Specialty Specific Application
  - A separate set of specialty specific documents for each applicant department
  
  - Department Profile:
    - Faculty in the department
    - Beds and Patient Load in the hospital
    - Spectrum of diagnosis
    - Specialty Services & Clinics
    - Research Publications
    - Provision for Rotational Postings in sub-specialty areas

# Application Process

- Annexure
  - Accreditation Processing Fee
  - Regulatory Approvals
  - Annexure – AMI
  - An Undertaking from Secretary Health to the State Govt for proposed tie up with the Secondary Node
  - Biodata of Faculty
  - Form 16 of Faculty
  - Annexure – BS, FT, PHT, CM, PG etc

# Application Processing by NBE

- Receipt of Main and Specialty Specific Applications
- Acknowledgement to the applicant hospital
- Preliminary Scrutiny
  - Pre Assessment Deficiency Communication /Compliance
- Assessment by NBE Appointed Assessor
  - Post Assessment Deficiency Communication/Compliance
- Outcome communication

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Thank You

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