



**DPU**



# **DEPARTMENT OF NEUROLOGY**

**Year of Establishment-2004**

## FACULTY

Sanctioned by NMC	Number of Posts	Held
Prof	1	Dr. Shalesh Rohatgi Dr. Satish Nirhale
Asso Prof	1	Dr. Prajwal Rao
Asst Prof	1	Dr. Pravin Naphade

## OPD

All days from Mon to Sat Except Wed. 9 am - 1 pm  
Special OPDs from 9 am to 1 pm

Specialty Clinic	Days
Epilepsy	Monday
Dementia	Tuesday
Stroke	Wednesday
Headache	Thursday
Vertigo Clinic	Friday
Rehabilitation	Saturday

## INDOOR FACILITIES

10 Bedded male ward

10 Bedded female ward

Critical Care medicine ICU

# EQUIPMENT

NIHON KOHDEN 32  
Channel Video EEG



NIHON KOHDEN  
4 Channel  
NCS / EMG / EP



CYCLOPS  
Video - Nystagmogram



## Programme Offered

# DM Neurology

## CURRICULAR ASPECTS

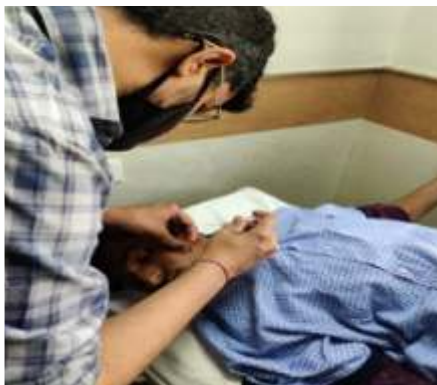
- Department established in year 2004
- Total Number of seats permitted by MCI 2 per year
- MCI Permission for DM (Neurology) in Dec 2017

First batch of students joined in 2018-NEET rank 252, 298 Both students passed in 2021

Second batch joined in Sept 2019 - NEET rank 851, 997

Third batch joined in Dec 2020- NEET Rank 318, 731

## SKILL DEVELOPMENT



RESIDENT INJECTING BOTOX IN  
JAW CLOSURE DYSTONIA



RESIDENTS CONDUCTING NCS



RESIDENT CONDUCTING  
NERVE BIOPSY

## RESEARCH PUBLICATIONS (2014–19)

Year	Total	Scopus	PubMed	Web of Science
2015	1	Yes	Yes	Yes
2016	1	Yes	No	No
2017	1	Yes	No	No
2018	1	Yes	No	No
2019	3	Yes	No	No
<b>Total</b>	<b>7</b>			

Total Citations in the department	MOST CITED PUBLICATION	No of Citation
10	<p>Surgical outcomes with non-invasive presurgical evaluation in MRI determined bilateral mesial temporal sclerosis : A retrospective cohort study. S Ravat, P Rao, V Iyer, D Muzumdar, U Shah, S Shah, N Jain, Y Godge. International Journal of Surgery 36, 429–435.</p> <p>PAPER WITH HIGHEST IMPACT FACTOR</p> <p>6.071</p>	8
H index	Dr S Rohatgi–4, Dr S Nirhale –1, Dr P Rao–2, Dr P Napahade–5	

## CONFERENCE / CME / WORKSHOP Attended (2014-19)

FACULTY - 42  
RESIDENTS - 5

## CME - NEUROMED - 2019



## SOCIETY AWARENESS

### “Kutuhāl” Exhibition

- Topic : Awareness on Epilepsy and stroke
- Faculty Incharge : Dr. Shalesh Rohatgi
- Date : 7/02/2020 - 10/02/2020



## COVID -19 PANDEMIC

- Department Continued to work throughout the epidemic and treated 25 Cases of ischemic stroke related to Covid 19 infection.

(Poster Presentation at World stroke organization (ESO–WSO 2020) virtual conference : Nov 7–9 2020)

- Treated about 100 cases of Covid associated Mucormycosis in collaboration with Dept of ENT and Ophthalmology

## RESEARCH THRUST AREA

- DPU Funded Project (2020)- “Study of default mode network in Alzheimer’s disease using functional MRI”
- DPU Funded project (2021) - “Neuropsychiatric manifestations in covid–19 patients”.
- ICMR Funded project (2021) - “Risk Factors for Covid associated mucormycosis in India : A case control investigation”

## Protocol of 3 Level OPD consultation

Level 1 - junior residents

Level 2 - senior residents

Level 3 - Faculty

Clinical  
errors  
grossly  
minimised

OPD converted into a dynamic classroom

**DISTINCTIVENESS**

## BEST PRACTICES

# Thrombolysis in Acute Ischemic Stroke

## BEST PRACTICES

Increasing awareness amongst community regarding recognizing stroke symptoms early and reaching stroke centre immediately within window period for better outcomes.

Sensitization and training of stake holders

Reducing Door to Needle Time, thereby improving outcomes and reducing post thrombolysis complications.

## EVIDENCE OF SUCCESS

Door to needle time has reduced significantly from 50 minutes to 20 minutes currently, due to steps taken.

