

## **ACHIEVEMENTS AND PUBLICATIONS OF NMCH FACULTIES OVER LAST ONE YEAR**

### **Prof (Dr) Babul Kumar Bezbaruah, Principal cum Chief Superintendent, NMCH**

1. As a Guest Speaker on a CME organized by Microbiology Department, GMCH on “Rationalising Antibiotic use based on pk-pd principles” held on 14<sup>th</sup> June, 2023.
2. As a speaker on “Antibiotics: A double edged sword” in Assam Microcon- Dhubri Medical College held from 28<sup>th</sup> to 30<sup>th</sup> September, 2023.
3. As a speaker in 2<sup>nd</sup> NEMPSCON 2023 held in AMCH, Dibrugarh from 9<sup>th</sup> to 11<sup>th</sup> November, 2023 on “Genetic drugs- Issues and Justification”.
4. Nominated as President- AIIMS Guwahati vide Notification by Central Government in August, 2023.
5. Honoured as “Pharmacology Teacher of Excellence” by Indian Pharmacological Society in its 53<sup>rd</sup> Annual Conference held at Chennai SRM Institute on 14<sup>th</sup> December, 2023.

### **Dr J. P. Deori, Associate Professor & Head, Department of Physiology**

1. Sengrak R Marak, Arpana Hazarika, Jyoti Prasad Deori, Anupal K Sarma. “A study of median nerve conduction velocities in young healthy individual in relation to isotonic exercise”. Journal of Cardiovascular Disease Research: Vol 14; Issue 09. ISSN: 0975-3538, 0976-2833

### **Dr Joyanta Choudhury, Professor & Head, Department of Anaesthesiology**

1. Ratindra Barman, Tapan Kumar Talukdar, Pranab Kalita, Bibhu Priyo Das, Joyanta Kumar Choudhury. “To study the efficacy of a single bolus dose of Carbetocin for prevention of post partum haemorrhage in elective caesarean section under spinal anaesthesia: A randomized control trial”. The New Indian Journal of OBGYN.2023; 9(2):209-215
2. Ratindra Barman, Jagadish Basumatary, Joyanta Kumar Choudhury, Shashankar Das. “Efficacy of low dose intravenous dexmedetomidine versus clonidine in treatment of shivering during caesarean section under spinal anaesthesia: A double blind randomized control trial”. The New Indian Journal of OBGYN.2023; 9(2):248-254

### **Dr Bikram Sutradhar, Registrar, Department of Psychiatry**

1. Nath S, Gogoi V, Linganna SB, Baruah J, Sutradhar B. Behavioural and Emotional difficulties in School Children during COVID 19 Pandemic using narrowband dimensions of SDQ: Online survey from North East India. Ind Psychiatry J 2022;31: 207-13.
2. Sutradhar B, Mukherjee D, Pathak K. An Observational study on deliberate self-harm in individuals with alcohol dependence syndrome. Ind Psychiatry J 2023;32:369-74.

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### **Dr Jyoti Prakash Roy, Registrar, Department of PMR**

1. Borgohain M, Abraham D, Roy JP, Kumar S, Pratim KM, Kayal A, Kabir IH. The outcome of three lateral divergent pinning vs parallel pin fixations for the treatment of displaced supracondylar humerus fracture in children. IJSR May 2023;12 (05): 66-69.
2. Borah PJ, Patowary C, Das A, Shirdinayak TS, Roy JP, Kumar S. Comparative Outcome of Hybrid External Fixator Versus Primary Ilizarov Fixator in the Treatment of Open Distal Tibia Extra-Articular Fractures. Ind J of Ortho. Sept 2022 ;32:369-74.
3. Borgohain M, Kumar S, Roy JP, Deb M, Pratim KM, Kayal A, Akman ZUI. Bacteriological profile and their antibiogram in patient with chronic osteomyelitis. IJSR April 2023;12 (04): 76-78.

### **Dr Partha Pratim Talukdar, Associate Professor, Department of Pathology**

1. Gogoi G, Sarmah A, Talukdar PP, Das B, Gautam L. Study of haemoglobinopathies in paediatric age group by HPLC in a tertiary care hospital in Sonitpur district of Assam. JCDR 2023;14 (04): 2062-2066.
2. Deka AJ, Das D, Sharma S, Talukdar PP. Study of medical oxygen gas delivery system during COVID19 pandemic in a tertiary care hospital of Lower Assam. Int J Acad Med Pharm. 2023: 5 (05); 272-274.
3. Talukdar A, Goswami P, Barman I, Talukdar PP. Cheiloscopy pattern in relation to gender and blood groups: A cross sectional study. Trens Clin Med Sci. 2023,3 (01): 67-76.

### **Dr Diganta Das, Professor, Department of Biochemistry**

1. Deka AJ, Das D, Sharma S, Talukdar PP. Study of medical oxygen gas delivery system during COVID19 pandemic in a tertiary care hospital of Lower Assam. Int J Acad Med Pharm. 2023: 5 (05); 272-274.

### **Dr Ashok Jyoti Deka, Assistant Professor, Department of Community Medicine**

1. Deka AJ, Das D, Sharma S, Talukdar PP. Study of medical oxygen gas delivery system during COVID19 pandemic in a tertiary care hospital of Lower Assam. Int J Acad Med Pharm. 2023: 5 (05); 272-274.

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### **Dr Arunjyoti Sarmah, Assistant Professor, Department of Microbiology**

1. Das PP, Nath R, Choudhury G, Sarmah A, Bora P. Trends in Antimicrobial Resistance in a Tertiary care Hospital in Assam, India. J pure Appld Microbiol. 2023: 17 (03); 1591-1604
2. Sarmah A, Medhi M, Sargiary P, Saikia L. Assessment of prevalence of viral aetiological agents in cases of Encephalitis admitted to a tertiary care hospital of Northeast India. Int J Acad Med Pharm. 2022: 4 (03); 8-10.

### **Dr Sabita Dihingia, Associate Professor, Department of Psychiatry**

1. Das N, Dihingia S, Bhuyan et al. Parental Superserion and its relation with emotional problems in secondary school children, Cureus 2023 Feb;15(2):e35291
2. Dihingia S ,Bhuyan D, Bora M et al.Cotard’s delusion and its relation with different Psychiatric diagnosis in a tertiary care hospital, Cureus 2023 May 15(5): e 39477
3. Bhuyan D, Dihingia S, Das B S et al. Suicidality, mode of suicide attempt and psychiatric co – morbidity among suicide attempters in a tertiary hospital of North – East India – an observational study; Journal of Population Therapeutics & Clinical Pharmacology vol 30(4):e540-e547
4. Bhuyan D, Dihingia S, Dutta A et al. Religious aspects offend to life issues of three major religious : A systemic review, Journal of Population Therapeutics & Clinical Pharmacology vol 30(9):e131-e137 :
5. Kumar S, Bhuyan D ,Barua S, Dihingia S, Borgohain L,(August,2023) Psychiatric Morbidities and Their Impact on Quality of Life in Patients with Psoriasis: Cureus: 15(8):e43394.DOI10.7759/cureus. 43394

### **Dr Madhab Chandra Rajbangshi, Associate Professor, Department of Surgery**

1. Mahanta P, Das K, Deka H, Basumatary B, Konwar R, Mazumdar P, Rajbangshi MC. “Relationship between the eruption of Third Molar Teeth and Growing status of Assamese inhabitants of North Eastern states of Assam”. The Cureus Journal of Medical Science: Sept 2022. Vol 14; Issue 01.
2. Mazumdar P, Mahanta P, Kalita C, Rajbangshi MC, Saikia D, Konwar R, Basumatari B, Sherin N. “Variability and Patterning in Permanent Tooth Dimensions among Four Ethnic Groups from North Eastern states of India”. Hindawi Biomedical Research International: 2022. Article ID 4733611.

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3. Deka H, Mahanta P, Ahmed SJ, Basumatary B, Konwar R, Rajbangshi MC. "Risk Factors of Childhood Asthma among patients attending a Tertiary Care Centre in North East India". Journal of Asthma and Allergy: 2022. 15 1293-1303..

### **Dr Sewali Das, Professor & Head, Department of Ophthalmology**

1. Das S et al. "Ocular manifestations and Systemic Lupus Erythematosus- A clinical Study". Ind J Appl Res. Oct 2022; 12(10)
2. Das S et al. "Etiological evaluation of Proptosis- A prospective study". Ind J Appl Res. June 2022; 12(6)
3. Das S et al. "Hospital Based study on Occurrence and Outcome of Retinopathy of Prematurity". Ind J Appl Res. Nov 2022; 12(11)

### **Dr Indrani Bhagawati, Professor & Head, Department of Pharmacology**

1. Borgohain S, Bhagawati I, Mahanta N, Devi D. "Olanzapine as prophylactic antiemetic in breast cancer patients: A prospective comparative study in a tertiary care centre". Int J Sci Res. Mar 2023; 12(03)
2. Khanikar D, Bhagawati I, Bhattacharya M, Borah L, Ojha K, Mahanta N, Devi D, Singh PPD, Buragohain S. "Prescription pattern of prophylactic antiemetics in Breast Cancer patients: A retrospective observational study in a tertiary care hospital". Asian J Pharm Clin Res. 2023; 16(06)
3. Baishya B, Devi D, Bhagawati I, Deka SK. "A study on knowledge, attitude and practice of self medication for diarrhea among undergraduate medical students in a tertiary care teaching hospital of Northeast India". Ind J Appl Res. Mar 2023; 13(03)

### **Dr Dikshita Mazumdar, Demonstrator, Department of Microbiology**

1. Mazumdar D, Sarma A, Medhi D, Dutta R, Katak M, Baishya L, Dutta BS, Saikia L. Capsular typing of Streptococcus pneumoniae isolated from clinical specimens in Gauhati Medical College and hospital, Assam, India. Indian Journal of Medical Microbiology. 2023 Jul 1;44:100350.
2. Dutta BS, Nath K, Taw MJ, Sharma A, Rajbangshi G, Chamuah K, Henbi N, Barman RK, Chingtham S, Brahma D, Sarmah K. Understanding the Demographic, Clinical, and Real-Time Polymerase Chain Reaction Profiles of COVID-19 Patients in a Tertiary Care Hospital in Northeast India. Cureus. 2023 Feb 24;15(2).

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### **Dr Santanu Rajuwar, Demonstrator, Department of Microbiology**

1. Bacteriological Profile of Acute Bacterial Meningitis Among Neonates in A Tertiary Care Centre In Assam. Dr. Santanu Rajwar, Dr. Elmy S Rasul. Indian Journal of Applied Research: Volume-13 /Issue-5/May-2023

### **Dr Hafizur Rahman, Associate Professor, Department of Orthopedics**

1. Rahman H et al. Circumventing tenotomy in Idiopathic clubfoot. Nat J Clin Ortho: 2022; 4(4): 22-25
2. Rahman H et al. Fixation of isolated fracture of the Humeral Trochlea Through Posterior Trans-Olecranon Approach. Brit J Med Health Res: 2020; 7(8): 2394-2967
3. Rahman H et al. Functional Outcome of Radial Head Arthroplasty in Mason Type 3 and 4 Fractures. IOSR J Dent Med Sci: 2021; 20(9): 1-10
4. Rahman H et al. Management of mangled hand injuries with JESS fixator in a tertiary care hospital in North East India: A prospective study. Journal Ortho: 2022; 34(4): 310-315

### **Dr Bishal Saha, Registrar, Department of Orthopedics**

1. Saha B et al. A study of use of PRP and Bone marrow aspirate in management of delayed union of tibial diaphyseal fractures. IOSR J Dent Med Sci: 2022; 22(3): 1-10