

Rheumatology

STAFF

Faculty

Designation	Name & qualification
Professor & Head	Dr. Alakendu Ghosh, DNB (Medicine), FRCP (London)
Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Associate Professor	Dr. Pradyot Sinhamahapatra, MD (Medicine), DNB (Medicine)
Assistant Professors	Dr. Subhankar Haldar, MD (Medicine)
	Dr. Hira Manik Sit, MD (Medicine)
RMO cum Clinical Tutor	Dr. Anupam Maity, MD (Medicine)
	Dr. Arghya Chattopadhyay, MD (Medicine)
Radiologist	Dr. Debasish Lahiri MBBS, DMRD

DM Student 3rd Year	Dr. Rudra Prasad Goswami
	Dr. Sumantro Mondal
DM Student 2nd Year	Dr. Geeta Bali Sircar
	Dr. Debanjali Sinha
DM Student 1st Year	Dr. Deepak Rath
	Dr. Dipendra Nath Ghosh
Senior Resident	Dr. Avishek Naskar

PhD Scholars

JRF, SRF, PhD Scholars	Sampurna Roy Choudhury Mazumder Ayindrila Saha Basak Sanchaita Misra Sudipta Chatterjee Dipanjana Bhattacharjee Sulagna Chatterjee Anwesha Bandyopadhyay
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Sisters

Indoor / Outdoor / Day care	Swapna Giri – Sister in charge Rheumatology Department Sumita Hore – Day care Ranjana Dutta Joyeeta Bar Sudeshna Banerjee Rinku Roy Keka Panchadhyai Kaberi Dey
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Lab and office staff

Laboratory Technician	Halim Molla Bikash Chandra Purkait Mita Karu
Clerical Staff (Non-Govt., from Project)	Gita Rani Ghosh Roy Sudip Das
DXA Technician (Non-Govt., from Project)	Sandip Das
Group-D Staff (From Sainik Board)	Joydeb Dhar Monishankar Halder Gita Biswas Ajay Bag
Group-D Staff (Non-Govt., from Project)	Vinod Mallick

SERVICE INFORMATION

Services	Details	Frequency	Volume
Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday & Friday)	270 -400 per day
	Lupus clinic	Once/week (Tuesday)	90-110 per week
	Early Arthritis clinic / Scleroderma clinic / Vasculitis clinic / Biologics board	Once/week (Thursday)	60 -80 per week
	Pediatric Rheumatology	Once / Week (Thursday)	10-20 per visit
Indoor (Male)	Rheumatology Building 2 nd Floor	Monday to Saturday	70 - 80 per month
Indoor (Female)	Rheumatology Building 3 rd Floor		
Day Care	Intra-articular injection Nerve biopsy / Muscle biopsy Injection Endoxon intravenous Injection biologicals (Infliximab, Rituximab, Tocilizumab, Abtacept etc.) Lip biopsy		330-365 per month 2-3 per month 30 per month 15-20 per month 3 per week

Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	25 -30 per week
	MSK-USG/PDUS	Monday to Saturday	60-75 per week
	Kidney biopsy – USG guided		8-10 per month
	USG – guided intra-articular injection	Monday & Friday	5 -10 per week
Laboratory services	Autoantibody testing like RF, hsCRP, Ceruloplasmin, IgG, IgA, IgM, LP(a), Anti-CCP, ANA, ds-DNA, C3, C4, ANA profile (ENA), MPO, PR3 ANCA(cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen etc.		Done regularly

Academic activities

Morning session	<ul style="list-style-type: none"> • Seminars on every Monday • Journal club / scan on every Tuesday • Seminars on basic research in Immunology on every Wednesday • Seminars on recent advances on every Friday by PDTs and Faculties
Afternoon session	<ul style="list-style-type: none"> • Interactive case presentation by PDTs on every Thursday

Achievements and support

This is the perhaps the only rheumatology department in the country which is having a dedicated six-storied building. This is also the only department in the country which is having "Rheuma Lab" in the form of musculoskeletal ultrasonography machine and extremity MRI machine. The department is also involved in research (epidemiological, clinical and basic immunology) projects sanctioned by DST and ICMR. It has also become a Government of India DST-FIST-sponsored department on the basis of these research activities.

RHEUMATOLOGY TRAINING	<ul style="list-style-type: none"> DM Course started from 2013 with two post doctoral trainee per year. The course has been approved by Medical Council of India. First batch completed their training this year. Short course training in Rheumatology for Post doctoral trainee of different institutions of India. Two batches from CMC Vellore and SGPGI Lucknow completed their training and a batch from Indraprastha Apollo New Delhi has registered for training. PhD course on basic immunology and Rheumatology.
RESEARCH GRANTS	<ul style="list-style-type: none"> Evaluation of Immunomodulatory activity of Black Tea (<i>Camelia sinensis</i>) Extract in Rheumatoid Arthritis : An In vitro Study of Expression of Inflammatory Molecules and Cytokines in Synovial Fluid and Tissue Cells of Patients of RA : National Tea Research Foundation Delineating the therapeutic effectiveness of theaflavin-3,3-digallate (TF3) – an active compound of black tea (<i>Camelia sinensis</i>) by inhibiting angiogenesis and inducing apoptosis in the synovial fibroblasts of RA patients. Code No. NTRF:174/2015 : National Tea Research Foundation Association of Periodontitis in patients with Rheumatoid Arthritis and their therapeutic impact on RA disease activity with special reference to characterization of the causative microorganism. Department of Science & Technology, Government of West Bengal. Evaluation of inflammation in primary osteoarthritis of knee and it's therapeutic response to methotrexate. Department of Science & Technology, Government of West Bengal.
DST-FIST SUPPORT	DST–FIST infrastructural support for expanding research activity is ongoing.

Publications

Prof. Alakendu Ghosh

- Inflammatory Muscle Diseases. In API Textbook of Medicine 2016;2539-44
- Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol.* 2016 Aug 5:1-6.
- Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis.* 2016 Jul;75(7):e35.
- Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM.* 2016 Jun 17. pii: hcw093.
- Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus.* 2016 Apr;25(4):445-6.
- Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. S Mondal, RP Goswami, D Sinha, K Basu, S Das, P Ghosh, A Ghosh. *Lupus.* 2016 Apr;25(4):445-6.
- A Foe Incognito: Paraneoplastic Sacroiliitis. S Mondal, D Sinha, T Ete, RP Goswami, J Bardhan, A Ghosh. *J Med Cases.* 2016;7(8): 341-343.
- Shyamashis Das, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri, Pradyot Sinhamahapatra and Kaushik Basu. Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases* 2016
- Shyamashis Das, Rudra Prosad Goswami, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri & Kaushik Basu. Temporal evolution of urate crystal deposition over articular cartilage after successful uratelowering therapy in patients with gout: An ultrasonographic perspective. DOI: 10.1080/14397595.2016.1214229.

Prof. Parasar Ghosh

- Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol.* 2016 Aug 5:1-6.
- Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis.* 2016 Jul;75(7):e35.
- Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM.* 2016 Jun 17. pii: hcw093.

- Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 Apr;25(4):445-6.

Dr. Pradyot Sinhamahapatra

- Prevalence of Dyslipidemia in Patients with Rheumatoid Arthritis and Effect of Early Treatment with Disease Modifying Antirheumatic Drugs in a Tertiary Care Hospital. *J Ind Med Assoc* Vol. 114, No. 2, February 2016
- Inflammatory Muscle Diseases. In *API Textbook of Medicine 2016*;2539-44
- Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases 2016*.

Dr. Rudra Prasad Goswami

- Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol*. 2016 Aug 5:1-6.
- Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis*. 2016 Jul;75(7):e35.
- Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM*. 2016 Jun 17. pii: hcw093.
- Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 Apr;25(4):445-6.

Dr. Sumantro Mondal

- Development of a colour Doppler ultrasound scoring system in patients of Takayasu's arteritis and its correlation with clinical activity score (ITAS 2010). D Sinha, S Mondal, A Nag, A Ghosh. *Rheumatology* 52 (12), 2196-2202.
- Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with MRI. A Ghosh, S Mondal, D Sinha, A Nag, S Chakraborty. *Rheumatology* 53 (11), 2030-2034.
- Unilateral sternocostoclavicular hyperostosis in a patient with ankylosing spondylitis: A case report with color Doppler ultrasonogram findings. S Mondal, D Sinha, A Nag, A Ghosh. *Indian Journal of Radiology and Imaging* 23 (3), 278.
- Sterno clavicular joint osteoarthritis in a patient with rheumatoid arthritis a case report with Classical sonographic features. S Mondal, D Sinha, A Nag, A Chakraborty, T Ete, A Ghosh. *Journal of Diagnostic Medical Sonography* 31 (3), 186-189.
- A Foe Incognito: Paraneoplastic Sacroiliitis. S Mondal, D Sinha, T Ete, RP Goswami, J Bardhan, A Ghosh. *J Med Cases*. 2016;7(8): 341-343.
- Ultrasound is a useful adjunct in diagnosis of eosinophilic fasciitis. S Mondal, RP Goswami, D Sinha, A Ghosh. *Rheumatology* 54 (11), 2041-2041.
- Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. S Mondal, RP Goswami, D Sinha, K Basu, S Das, P Ghosh, A Ghosh. *Lupus*. 2016 Apr;25(4):445-6.

Dr. Kaushik Basu

- Evidence for treating rheumatoid arthritis to target: results of a systemic literature search update. *ARD*. 2016 Jul; 75(7):e.
- Posterior reversible encephalopathy syndrome in a patient with lupus nephropathy on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 April; 24(4): 445-6.

Dr. Shyamashis Das

- Shyamashis Das, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri, Pradyot Sinhamahapatra and Kaushik BASU. Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases 2016*
- Shyamashis Das, Rudra Prasad Goswami, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri & Kaushik Basu. Temporal evolution of urate crystal deposition over articular cartilage after successful uratelowering therapy in patients with gout: An ultrasonographic perspective. DOI: 10.1080/14397595.2016.1214229