



MEGHWANI

HALF YEARLY IN HOUSE NEWS LETTER OF MEGHE GROUP

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Our Inspiration

Shri. Dattaji Meghe

PATRONS

Hon'ble Shri Dattaji Meghe
Hon'ble Shalinitai Meghe
Hon'ble Dr. Ved Prakash Mishra
Shri. Sagar Meghe
Shri. Sameer Meghe
Smt. Devika Meghe
Smt. Vrinda Meghe

EDITORIAL TEAM

Smt. Anagha Kalvit
Shri. Sanjay Ingle Tigaonkar
Shri. Dinesh Tendolkar

SYNOPSIS

Know Your Meghe Group
(Datta Meghe Medical College, Wanadongari, Nagpur)
YCCE, Nagpur
DMAMCH & RC, Nagpur
DMCON, Nagpur
DMCOP, Nagpur
NCP, Nagpur
JNMC, Wardha
SPDC&RC, Wardha
RNPC, Wardha
SRMMCON / FNTCN, Wardha
AVBRH, Wardha
MGS, Nagpur
NBS, Nagpur
BSWSSS, Nagpur
NH, Nagpur
CTL, Nagpur



स्वप्नपूर्ती कॅन्सर रुग्णालयाची

कर्करोगावर अद्यावत उपचार करणारे एक प्रशस्त व सुसज्ज रुग्णालय उभे करण्याच्या आदरणीय साहेबांच्या स्वप्नाची पूर्तता सिद्धार्थ गुप्ता मेमोरिअल कॅन्सर हॉस्पिटलच्या निर्मितीने होते आहे. सावंगीच्या आचार्य विनोबा भावे ग्रामीण रुग्णालय परिसरातच मेघे रुग्णालय समूहाचे हे भव्य आणि आजच्या काळातील सर्व आधुनिक सुविधा असलेले रुग्णालय कार्यान्वित झाले आहे.

सुमारे 32 वर्षापूर्वी सावंगी येथील ओसाड भागात आदरणीय साहेबांनी मातोश्री राधिकाबाई मेघे यांच्या नावाने केवळ 100 रुग्णाखाटा असलेले छोटेखानी रुग्णालय सुरू केले होते. रुग्णालय स्थापनेच्या वेळी विदर्भातील या लहानशा गावात महानगरातीलच नव्हे तर आंतरराष्ट्रीय स्तरावरील दर्जेदार वैद्यकीय सेवा निर्माण करण्याचा संकल्प सोडण्यात आला होता. या तीन दशकांच्या काळात अद्यावत हृदयोपचार, मेंदूच्या शस्त्रक्रिया आणि अवयव प्रत्यारोपणापर्यंत अत्याधुनिक आरोग्यसेवा व गुणवत्तापूर्ण वैद्यकीय शिक्षण देणारी मध्यभारतातील अग्रणी आयुर्विज्ञान संस्था म्हणून आपल्या संस्थेने नावलौकिक प्राप्त केला. आज विदर्भात आधुनिक वैद्यकीय चिकित्सेसोबतच आयुर्वेद, दंतोपचार, भौतिकोपचार सेवा मेघे रुग्णालय समूहाद्वारे दिल्या जातात. सावंगी (मेघे), वर्धा येथे आचार्य विनोबा भावे ग्रामीण रुग्णालयाचे सुपर स्पेशलिटी सेंटर तसेच वानाडोंगरी येथील शीमती शालिनीताई मेघे रुग्णालय व अनुसंधान केंद्र तसेच नेल्सन हॉस्पिटल आदी वैद्यकीय सेवा क्षेत्रात कार्यरत आहेत. त्यापुढचे पाऊल म्हणजे, आमच्या दिवंगत मित्राच्या स्मृतीत निर्माण करण्यात आलेले सिद्धार्थ गुप्ता मेमोरिअल कॅन्सर हॉस्पिटल होय.

मध्यमवर्गीय कुटुंबात जन्मलेला आणि अत्यंत परिश्रमाने स्वतःला घडविणारा, इंटेरिअर डिझाईनर म्हणून अल्पावधीत नावलौकिक कमावलेला माझा शालेय मित्र सिद्धार्थला कर्करोगामुळे आम्ही गमावले, याची आजही खंत आहे. वयाच्या चाळिशीत सुरुवातीला ओरल कॅन्सर आणि नंतर फुफ्फुसांचा कॅन्सर त्याच्या वाट्याला आला. या आजारपणातही तो सदैव सोबत असायचा. मुंबईसारख्या महानगरात त्याच्यावर उपचार करण्यात आले, पण त्याचे प्राण मात्र वाचवू शकलो नाहीत. आपल्या समाजात आजही असे लोक आहेत ज्यांना योग्य वेळी योग्य उपचार मिळू शकत नाहीत. समाजात घडणाऱ्या अशा घटनांमध्ये दिलासा देण्याचा एक प्रयत्न म्हणजे सिद्धार्थच्या स्मृतीत सुरू करण्यात आलेले हे रुग्णालय होय. कर्करोगावर केवळ उपचारच नव्हे तर या आजाराबाबत समाजात जागृती निर्माण करणे, हादेखील आमचा उद्देश राहणार आहे. अर्थात, या कार्यात उच्च दर्जाच्या यंत्र आणि तंत्र प्रणालीसोबत तज्ज्ञ शल्यचिकित्सक, विशेष प्रशिक्षित परिचारिका, तंत्रज्ञ व सहाय्यकांची चमू सोबत आहे.

- समीर मेघे





Joining at Prominent Position



Dr. Sandeep Shrivastava
as Officiating Dean, Jawaharlal
Nehru Medical College,
Sawangi (M), Wardha



Dr. Ujjwal Gajbe
as Officiating Dean,
Datta Meghe Medical College,
Wanadongari, Nagpur



Mr. Manish Sharad Ghude
as Vice President, HR
at CEINSYS, Nagpur



Mr. Owais Ahmad Kuraishy
as Vice President, Water
Department at CEINSYS,
Lucknow



Mr. Narindar Pal Singh
as General Manager,
Transportation, at CEINSYS,
New Delhi



Ms. Pooja Grover
as Chartered Accountant,
Finance Department,
at CEINSYS, Nagpur



Mr. Anand Jawanjal
as Consultant, Water
Department,
at CEINSYS, Nagpur



DR. K. T. V. REDDY
as a Dean, Faculty of
Engineering and Technology
(FEAT), Wardha



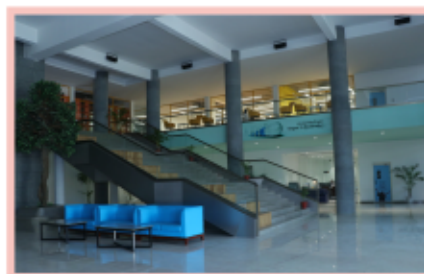
Datta Meghe Medical College

Wanadongri, Nagpur

DMMC was established in February 2020 and was permitted a sanctioned intake of 150 MBBS students by the Board of Governors in supersession of Medical Council of India. **It has a campus that is spread over 20 acres of land in Wanadongri**, adjoining a premier and well-known technical institution, Yashwantrao Chavan College of Engineering. DMMC has a modern **450 bedded hospital having world-class facilities to extend health care to the needy at an affordable cost.**

It offers aid in sub-specialty services in specialties like Urology, Cardiology, Endoscopy, Minimal Access Surgery, Dialysis, Joint Replacement, Arthroscopy, and Wound Care Clinic catering patients with low-cost quality health care services. It has well-furnished Intensive care units and Modular operation theatres.

The college has established Departments of Anatomy, Physiology, and Biochemistry in a uniquely designed building. The laboratories, museum and lecture theatres are fully equipped and can serve the needs of 150 students. The entire building is Wi-Fi enabled with audio-visual infrastructure. It also has a molecular laboratory which is accredited by NABL for HIV and HCV RNA detection. Recently ICMR has permitted to carry out RTPCR test for SARS COV-2 virus. DMMC has highly qualified and trained faculty having decades of teaching experience and scores of publications. The campus has modern facilities such as swimming pool, gym and playground. The college also provides well-furnished girl's hostel and boy's hostel accommodation. The first batch of MBBS students commenced their academic session in 2020-21.





Yeshwantrao Chavan College of Engineering

Wanadongri, Nagpur.

INSTITUTIONAL ACHIEVEMENT

The institutional magazine "INSURGO-2020" has received 1st prize (Rs.10,000/-) on Teachers Day, 5th September 2021, for Best Magazine from RTM Nagpur University, Nagpur for the session 2019-20.



EVENTS HELD

7th Graduation Ceremony at YCCE

The 7th Graduation Ceremony of YCCE, Wandongri, Nagpur, after gaining the autonomous status, was held at Shri Datta Meghe Auditorium, on 14th August 2021.



Flag Hoisting at YCCE on Independence Day 15th Aug 2021



STUDENTS ACHIEVEMENT

- ▶ Ms. Pranjali Yelne & Ms. Krutika Thakare, student of Civil Engineering department of V Sem. secured 1st Rank in the event Dome Building Competition Organized by DIT ASCE International Student chapter D.Y Patil, Institute of Technology, Pimpri, Pune.
- ▶ IEEE student Department of Electronics Engineering, YCCE received "Best PES day activity award" in 2021 by IEEE PES Bombay section. Ms. Trushita Sonkusare, Final Year Student of BE Electronics received "Best PES Day Ambassador Award" under WIE Category by IEEE PES Bombay section.



WORKSHOP & TRAINING

- ▶ Department of Civil Engineering conducted Pre-placement Certification Course/ Value Aided Course on "Building Information Modeling (BIM)".
- ▶ Department of Civil Engineering; YCCE organized Half Day Workshop on "How to Prepare for MPSC, GATE and Other Competitive Exam"
- ▶ The Association of Civil Technocrats (ACT), Student Council of Department of Civil Engineering, YCCE, Nagpur, organized one day Workshop on "Leadership skills" for all the III Sem students
- ▶ Department of Civil Engineering; organized Certification Course on "Analysis and Design of Civil Engineering Structures using STAAD Pro"
- ▶ Webinar under IEEE student branch on "Prototype validation: Converting Prototype into start-up" was organized by Deptt of Electronics & Telecommunication Engineering.
- ▶ The Department of Computer Technology organized a 30 hrs Certification Program on "Applications in AI, ML, and Data Science".
- ▶ The Department of Computer Technology under Centre of Excellence, IOT section, YCCE, organized a training program on IOT Kits by CDAC, Bangalore for the faculties and students of YCCE through online mode.
- ▶ Department of Mechanical Engineering organized one month (4 Weeks) National Level Certificate course on "Introduction & Application of CAE using ANSYS for the students through online mode.
- ▶ Department of Electronics & Telecommunication Engineering organized Certification Course On "Industrial Training based on PLC & SCADA" under the Aegis of IQAC and IETE".
- ▶ Department of Electronics & Telecommunication Engineering has organized Innovative Online Teaching Pedagogies for Improving Teaching Effectiveness at School Level

PAPER PUBLICATION

- ▶ Prof. K.S. Ansari, Assistant Professor, Department of Civil Engineering published paper entitled "Synthesis and Characterization of Mechanical Properties and Wire Cut DAM prices Parameters Analysis in AZ61 magnesium Alloy + B4C + SiC" at Journal of materials 2021.
- ▶ Dr. V.G. Meshram, Associate Professor, Dr. A.M. Pande, Professor, Department of Civil Engineering have published paper entitled "Experimental studies on utilization of Coarser Fly Ash in IOP Conference Series: Materials Science and Engineering, doi:10. 1088/1757-899X / 1170/1/012006, August 2021.
- ▶ Prof. K.S. Ansari, Assistant Professor, Department of Civil Engineering published paper entitled "Experimental analysis of Greywater by Hybrid Electrocoagulation Process" Vidyabharati International Interdisciplinary Research Journal (Special Issue) ISSN 2319-4979, October 2021
- ▶ Prof. H.R. Nikhade, Assistant Professor & Mr. K.S. Ansari, Assistant Professor, Department of Civil Engineering published paper entitled "Analysis of Circular Elevated Service Reservoir Using STAAD pro by Considering the Effect of Continuity" Indian Journal Of Science and Technology, Print: 0974-6846, Electronic: 0974-5645, 31, July 2021.
- ▶ Prof. K.S. Ansari, Assistant Professor & Prof. Ms. C.S. Waghmare, Assistant Professor, Department of Civil Engineering published paper entitled "Solar based hybrid combination of electrocoagulation and filtration process in domestic greywater treatment" Indian Journal Of Science And Technology, Print: 0974-6846, Electronic: 0974-5645, 31, July 2021
- ▶ Prof. Ms. C.S. Waghmare, Assistant Professor & Prof. K.S. Ansari, Assistant Professor, Department of Civil Engineering published paper entitled "Treatment of Synthetic Greywater using low-cost Agricultural Waste as a Filter Media" Drugs and Cell Therapies in Hematology (ISSN: 2281-4876) Volume 10 Issue 1 (2021), September 2021.



- ▶ Prof. S.W. Dhengare, Assistant Professor, Department of Civil Engineering published paper entitled "Experimental Investigation On Development Of Binder And Mortar By Partial Replacement Of Cement Using Sugarcane Bagasse Ash, Copper Slag And Egg Shell Powder" International Journal of Aquatic Science, ISSN: 2008-8019, Vol 12, Issue 03, 2021, September 2021.
- ▶ Prof. Ms. S.G. Hirekhan, Assistant Professor, Department of Civil Engineering published paper entitled "Wind Load Calculation for Pitch Roof Building as Per Is875 (Part 3):2015and Is875 (Part3):1987 And Comparison with American Code" Vidyabharati International Interdisciplinary Research Journal (Special Issue) ISSN 2319-4979, September 2021
- ▶ Dr. S.P. Ambade, Asst. Professor, Mechanical Engineering published following Journal papers.
 - ▶ Advances in Materials and Processing Technologies, Taylor and Francis, "Effect of filler, autogenous and GTA welding on microstructure, mechanical and corrosion properties of low nickel Cr-Mn Austenitic Stainless Steel", ISSN: 2374-0698, Indexing: ESCI, Scopus
 - ▶ World Journal of Engineering, Emerald, "Shielded metal arc welding of AISI 409M ferritic stainless steel: study on mechanical, intergranular corrosion properties and microstructure analysis" DOI: <https://doi.org/10.1108/WJE-03-2021-0146>, ISSN: 1708-5284, Indexing: ESCI, Scopus
 - ▶ Journal of Materials Today Proceeding, Elsevier, "Spot welding analysis of dissimilar joint by finite element analysis", ISSN 2214-7853, DOI: <https://doi.org/10.1016/j.matpr.2021.09.410>, Indexing: Scopus Indexing: ESCI, SCOPUS
 - ▶ Journal of Materials Today Proceeding, Elsevier, "Effect of gas tungsten arc welding on the microstructural, mechanical and corrosion properties of Ti-stabilized 439 ferritic stainless steel", ISSN 2214-7853, DOI: <https://doi.org/10.1016/j.matpr.2021.09.116>, Indexing: Scopus
 - ▶ Paper titled "SIFK based Isobeta Cryptosystem (ISSN: 2231-5381 / doi:10.14445/22315381/IJETT-V69I7P211 volume 69 issue 76-79, July 2021)" was published in International Journal of Engineering Trends and Technology in July, 2021 by Prof. Ajay B. Thatere, Associate Professor, Electronics Engineering.
- ▶ Dr. R.M. Moharil, Professor, of Electrical Engineering, published book titled "Reliability Analysis of Renewable Energy Generators" with Coauthor Dr. P.S. Kulkarni, VNIT, Nagpur with Central Techno Publication, ISBN No. 987-81-950067-2-4.
- ▶ Prof. Sujata S. Chiwande, Assistant Professor, Department of Electronics & Telecommunication Engineering presented paper titled Detection of stress with deep learning and health parameters monitoring using Raspberry Pi at 2nd International Conference on Electronic Systems and Intelligent Computing (ESIC-2021) at KIIT, Bhubaneswar Odisha, India.
- ▶ Prof. Abhishek Madankar, Assistant Professor, Department of Electronics & Telecommunication Engineering has presented paper titled "IoT based Advance Pill Reminder System for Distinct patients" at 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and cloud) at Palladam, India.
- ▶ Prof. Minal Patil, Assistant Professor, Department of Electronics & Telecommunication Engineering has presented paper entitled IoT based Smart Cafeteria Management System at 5th International Conference on I-SMAC (IoT in social, Mobile, Analytics and Cloud) held on 11-13 November 2021 at Palladam, India.
- ▶ Dr. Bharati Masram, Assistant Professor, Department of Electronics & Telecommunication Engineering presented paper titled "Design and Implementation of 111Mhz Frequency Compression Efficient CORDIC Based 2D-DCT using FPGA and its Power Performance" the IEEE Bombay Section Conference (IBSSC), Organized by IEEE Bombay Section and ABV-IIITM Gwalior, India.
- ▶ Prof. Minal Keote, Assistant Professor, Department of Electronics & Telecommunication Engineering presented paper titled Energy Efficient warehouse Management System at 2nd



- ▶ International Conference on Electronic Systems and Intelligent Computing (ESIC-2021) held on 5th-6th of November 2021 at KIIT, Bhubaneswar Odisha, India.
- ▶ Prof. Minal Ghute, Assistant Professor, Department of Electronics & Telecommunication Engineering presented paper titled Power Generation using Renewable Energy Sources at 5th International Conference on I-SMAC (IoT in social, Mobile, Analytics and Cloud) at Palladam, India.
- ▶ Dr. Akshaykumar J. Meshram, an Assistant Professor, Department of Applied Mathematics & Humanities, jointly published paper with overseas faculties having titled "Fractional chaotic maps based short signature scheme under human-centered IoT environments", Journal of Advanced Research, Sept 2021, pp 139-148 in Science Citation Index (SCI) journal.
- ▶ Dr. Malabika Adak, HOD & Assistant Professor, Department of Applied Mathematics & Humanities, presented paper in Scopus indexed conference "Second International Conference on Advances in Physical Sciences and Materials, titled "Numerical Solution of Fourth-Order Boundary Value Problems for Euler-Bernoulli Beam Equation using FDM" which is published in Scopus indexed journal "Journal of Physics: Conference Series", Nov 2021, pp. 1-6.
- ▶ Prof. Monali Dhote, an Assistant Professor, Department of Applied Mathematics & Humanities, YCCE, presented paper in Scopus indexed conference "Second International Conference on Advances in Physical Sciences and Materials, (ICAPSM 2021)" having titled "Optimum solution of Goal Programming Problem by Modified Charnes Penalty Method"
- ▶ Dr. (Mrs.) Manjusha P. Gandhi, BE First Year Coordinator Incharge, presented a paper titled "Teaching Mathematics Through Physical Models" in the International Conference on Smart Villages: Technology for Sustainable development organized by Government Polytechnic, Sakoli in collaboration with AICTE, New Delhi, DTE, Mumbai.

INDUSTRIAL VISIT

- ▶ Department of Civil Engineering, YCCE has organized one day online site visit at Sewage Water Treatment Plant, Bhandewadi, Nagpur.
- ▶ Department of Civil Engineering, YCCE organized Online Site Visit and lecture by Dr. K.C Tayade, at Maharashtra Metro Rail Corporation, Nagpur.

PHD AWARDS



Dr. Bhupesh Nandurkar

Assistant Professor,
Department of Civil Engg.

"Development of better performing and ready to use masonry mortar and plaster mixes"



Dr. Sanjay Aloni

Assistant Professor,
Department of Mechanical Engg.

"Parametric Analysis of Sand Casting Process for Optimal Performance to Minimize Defects & Quality Improvement in Gray Iron Castings"



Dr. Ankita Tijare

Assistant Professor,
Department of Electronics Engineering

"Parametric Classification of VLSI Analog Multipliers & Application Specific Performance Optimization."



Dr. Maneesh Kumar

Assistant Professor,
Department of Electrical Engineering

Planning, Operation & Control of an Isolated Microgrid with Renewable Energy & Battery storage.



Dr. Nitin Wange

Assistant Professor,
Department of Mathematics
& Humanities

Study of Heat Conduction
and Thermoelectricity of
Homogeneous and
Nonhomogeneous Problems
of Composite Bodies



**Dr. Megha Khurma
Mendiretta**

Assistant Professor, Dept.
of Applied Chemistry.

Adsorption Studies of Some
Ecofriendly adsorbents for the
removal of Heavy Metals from
Waste Waters

SUPERANNUATION OF STAFF

- ▶ **Dr. Prakash B. Bahatkar**, Professor, Department of Mathematics & Humanities, Superannuated on 30.06.2021.
- ▶ **Mr. Vinayak S. Bhojar**, Clerk, Administrative Office, Superannuated on 31.07.2021.
- ▶ **Dr. Anant M. Pande**, Professor, Department of Civil Engineering, Superannuated on 31.08.2021.
- ▶ **Prof. Ram A. Tamboli**, Associate Professor, Department of Mechanical Engineering Superannuated on 31.08.2021.
- ▶ **Dr. Surendra D. Kshirsagar**, Associate Professor, Department of Mechanical Engineering Superannuated on 30.09.2021.
- ▶ **Mr. Dilip M. Dadgal**, Lab. Attendant, CCC, Superannuated on 30.09.2021.
- ▶ **Mr. Shripad Y. Mahurkar**, Instructor, Department of Mechanical Engineering Superannuated on 31.10.2021.
- ▶ **Mr. Ramakant D. Gohane**, Junior Accountant, NYSS HO, Superannuated on 31.10.2021.
- ▶ **Prof. Anil J. Bamnote**, Assistant Professor, Department of Mechanical Engineering Superannuated on 30.11.2021.

A farewell programme for the above staff members was organized at concerned department. Family members of the above staff were present on superannuation dates of the respective employees. A cheque of Rs.20,000/- along with Gift, Shawl, Shrifal was given as a token of gesture for rendering services to the institution in presence of respective Heads.

Following staff members have taken VRS :

- ▶ **Dr. Prashant Dnyaneshwar Debre**, Associate Professor (MR), Department of Electrical Engineering on 01.04.2021
- ▶ **Prof. Mrs. Nilima Mahendra Jichkar**, Associate Professor (MR), Department of Electrical Engineering on 31.05.2021
- ▶ **Prof. Mohan Krushnaji Mendhe**, Associate Professor (MR), Department of Electrical Engineering on 31.05.2021

EMPLOYEE'S ACHIEVEMENT

- ▶ Prof. Ms. Charuta S. Waghmare & Dr. Jayant M. Raut, Assistant Professor, Department of Civil Engineering granted patent for "Apparatus for Treating Wastewater" by Indian Patent office during 09.07.2021.
- ▶ Dr. S.R. Khandeshwar, Professor Dr. Jayant M. Raut & Prof. Ms. Charuta S. Waghmare, Assistant Professor, Department of Civil Engineering granted patent for "Apparatus and Method for Determining Bearing Capacity of soil" by Indian Patent office during 09.07.2021.
- ▶ Dr. M.S. Bhagat, Assistant Professor, Department of Civil Engineering granted received for Studies Tour Under AICTE "Youth Undertaking visit for acquiring knowledge" (YUVAK) study tour of ATAL TUNNEL Himachal Pradesh, 2.00 Lakhs dated 06.09.2021
- ▶ Prof. A.P. Edlabadkar, Assistant Professor Mechanical Department is nominated as editor for the souvenir which is going to be published by RTM Nagpur University on the occasion centenary year of RTM Nagpur university. He is also nominated as "JALMITRA" by NMC Nagpur for his involvement in social activities.
- ▶ Dr. Shilpa B.Sahare, Assistant Professor, Department of Mechanical Engineering published



her First Book with titled "Investigation of Milling Process parameters under Optimum Lubricant Use by Taguchi Approach". ISBN Number is 978-93-91786-22-9. The co-authors of the book are Dr. S.P. Untawale and Dr. P.D. Kamble.

- ▶ Two research paper titled of Prof. R.G. Bodkhe, Asst. Professor Department of Mechanical Engineering as a part of his PhD research work titled "A Review on Design, Development and Performance Analysis of Solar Powered Hydrogen Fuel Cell system" published in scopus Indexed Journal of Design Engineering (Toronto), ISSN:0011-9342, PP. 17618 - 17632, Vol 2021, Issue 08, Nov 2021 and
- ▶ "Design, Development and Performance Analysis of Polymer Electrolyte Membrane Fuel Cell" published in scopus Indexed Journal of Design Engineering (Toronto), ISSN:0011-9342, PP 11175-11186 Nov 2021.
- ▶ Dr. P.T. Karule, Professor Department of Electronics Engineering has published a book chapter on title Study on ARM9-Linux Kernel Chapter 1 Print ISBN: 978-93-91312-98-5, eBook ISBN:978-93-91312-99-2.
- ▶ Dr. Mrs. Shubhangi Rathkantiwar, Professor Department of Electronics Engineering has granted of patent titled, "Apparatus and Method for Probing A Region of Interest for Feasibility of Human Habitation" by Australian government
- ▶ Mrs. Rupali S.Balpande, Assistant Professor Department of Electronics Engineering has published monograph titled "Smart Motion Detection and Security System using Raspberry Pi" in International Journal of Innovations in Engineering and Technology in October 2021.
- ▶ Mrs. Poonam Chaudhari, Assistant Professor Department of Electronics Engineering has published monograph titled " Smart Washroom Cleaning System Using Hub Technology " in International Journal of of Innovations in Engineering and Technology in October 2021.
- ▶ Dr. Sanjeev Gokhale, Associate Professor, Department of Electrical Engineering has successfully completed the course namely Introductory Neuroscience & Neuro-Instrumentation with score of 82% and qualified for Silver Medal.

Dr. S.G. Kadwane, HoD & Professor, Department of

Electrical Engineering is granted International Innovation patent Entitled "A system and method for designing a solar powered automatic multipurpose agriculture machine"

- ▶ YCCE Team Medtronics Won 2nd Prize at International Level this event was organized by IEEE name as "Innovation Challenge" where 29 Countries and 37 Team participated in this event. Prof. Yogesh S. Kale, Assistant Professor, Department of Electronics & Telecommunication was the Mentor, Industry Partner Prachi D. Gawande and student participants are Utkarsh Dafe and Anagha Surtikar.
- ▶ Dr. Bharti Masram, Assistant Professor, Department of Electronics & Telecommunication Engineering has granted a patent titled "Apparatus for Wireless Communication Between Two or More Computing Devices".
- ▶ Prof. Sandip Desai, Assistant Professor, Department of Electronics and Telecommunication Engineering has granted a patent titled, "CAMERA STABILIZER (GIMBAL)".
- ▶ Mr. Yogesh Kale, Assistant Professor, Department of Electronics and Telecommunication Engineering, has granted a patent titled "A System and Method For Facilitating Energy System" by Australian government.
- ▶ Dr. Mrs. Yogita Dubey (Chitriv), Assistant Professor, Department of Electronics and Telecommunication Engineering has granted a patent titled "A System and Method For Controlling Traffic Signals and Density" by Australian government.
- ▶ Dr. (Mrs.) Anushree A. Aserkar, Assistant Professor, Department of Applied Mathematics & Humanities, has been selected as Editorial board member in Pure and Applied Mathematics Journal (PAMJ), published by Science Publishing Group, New York, U.S.A.
- ▶ Dr. Lalit Damahe HoD & Assistant Professor, Department of Computer Science & Engineering has received a patent for the title "An apparatus for providing solution to a Problem" dated 13th Oct 2021
- ▶ Dr. Kishor Bhojar Professor, Department of Computer Science & Engineering awarded with Senior Membership Grade by the Association of Computing Machinery (ACM)



NAGAR YUWAK SHIKSHAN SANSTHA, NAGPUR

DATTA MEGHE COLLEGE OF NURSING (DMCON)

(Maharashtra University of Health Sciences, Nashik)

Wanadongri, Hingna Road, Nagpur-441110 Ph : 7558459489

INSTITUTION CODE: 9233

Email Id: dmconursing@gmail.com | **Website:** dmconursing.com

EVENTS HELD

Lamp Lighting Ceremony

Lamp Lighting and Oath taking Ceremony of 3rd Batch of Basic B.Sc. Nursing and 2nd Batch of General Nursing and Midwifery (GNM) i.e. 2020 batches was conducted at Datta Meghe College of Nursing on 7th Dec. 2021.



EMPLOYEE'S ACHIEVEMENT



Dr. Vaishali Tendolkar, Principal Datta Meghe College of Nursing was amongst the key resource persons for the GMHAT training organized jointly by the IIMHR and the University of Manchester.

SOCIAL ACTIVITIES



Counseling Cell – An Awareness Session about the counseling cell was conducted by Dr. Shaini Suraj, Psychological

An Awareness Session on 'Sexual Harassment Redressal Cell' was conducted by Dr. Shaini Suraj for the 1st year B.Sc. Nursing and GNM students



PAPER PRESENTATION

Research Paper entitled 'Relationship between Self Awareness and Behavior Outcome: A Study among Undergraduate Engineering Students' was presented by Dr. Vaishali Tendolkar, at the International Conference of Mental Health' Goa on 18th October, 2021.

Research Paper was presented by Dr. Shaini Suraj, Psychological Counselor at the International Conference of Mental Health' Goa on the topic of 'Impact of On-line Learning on Achievement Motivation among Students of Health Sciences during Covid-19 Pandemic'.



DATTA MEGHE COLLEGE OF PHYSIOTHERAPY NAGPUR (DMCOP)

EVENTS HELD

World Geriatric Day

Department of Community - Health Sciences organized an event on "Soham Geriatric Home" on the occasion of World Geriatric Day.



World Cerebral Palsy Day

Department of Neurosciences organized a Seminar on World Cerebral Palsy Day

World Stroke Day

Department of Neurosciences organized an event on "World Stroke Day"



WORKSHOP & TRAINING

Lecturer on Career Placement by Dr. Varun Jaiswal

Datta Meghe College of Physiotherapy organized an overview lecture of Dr. Varun Jaiswal, on 07.10.2021, on Career placement after Completing UG in physiotherapy.

SOCIAL ACTIVITIES

Covid Rehabilitation

Datta Meghe College of Physiotherapy celebrated "World Physiotherapy Day"



EMPLOYEE'S ACHIEVEMENT



Poster Presentation by Dr. Milind Kahile - Dept of Community Sciences

Dr. Milind Kahile, Associate Professor in the Dept Of Community Sciences, Secured 3rd Position in Research Poster Presentation in Geriocon 2021 during the International Conference held in Tamil Nadu on 23rd and 24th Oct 2021.



Publishing of Book by Dr. Neha Chaudhary -

Dr. Neha Chaudhary, Professor in the Dept Of Neurosciences of DMCOP, published a Book on ICF named, "A COMPREHENSIVE GUIDE FOR NEUROLOGICAL CONDITIONS AND ICF" VOL 1 with ISBN NO - 979-8538450695.



DATTA MEGHE AYURVEDIC MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NAGPUR (DMAMCHRC)

EVENTS HELD

Dhanwantari Puja

Datta Meghe Ayurvedic Medical College, Hospital and Research Centre, Wanadongri Nagpur celebrated Dhanwantri Puja on 2nd Nov 2021.



Blood Donation Camp

DMAMCH&RC organised a blood donation camp on 03.09.2021. The Staff and students of the college & hospital participated in blood donation camp.



Fire Training Program

A Fire Training Program was conducted on 30th October, 2021. The staff members attended the training program.



SOCIAL ACTIVITIES

Health Check Up Camp Under "azadi Ka Amrut Mahotsva"

Under "Azadi Ka Amrut Mahotsva", programme, a Health Check Up Camp was organised at Smt. Anjanabai Yashvantrao Patil Raut Matimanda Nivasi Vidyalaya, Sevargaon, Narkhed on 03.12.2021, under the guidance of Dr. Harshala Rajurkar, Principal.



Swachhata Abhiyaan

DMAMCH&RC organised Swachhata Abhiyaan on 14.08.2021. Staff and students participated in Swachhata Abhiyaan.





EMPLOYEE'S ACHIEVEMENT

Book Published- Dr. Mohan Raut A book written by Dr. Mohan Raut, Associate Prof., department of Kaumarbriya Tantra, was inaugurated by Hon'ble Minister, Mr. Nitinji Gadkari on 01.08.2021



Dr. Sheetal Asutkar, Professor - Shalya Tantra department, was awarded during "Dhanwantari Sammaan 2021" event organised by NIMA, Nagpur on the occasion of 6th National Ayurveda Day



Dr. Prashant S. Bhokardankar was selected as Editorial Board Member of TMR Integrative Medicine, TMR Publishing Group China, on 18.07.2021

Dr. Shubhada Guru, Associate Professor (Dept of Sharir Kriya) gave an interview on All India Radio, Akashawani Kendra Nagpur on 02nd November, 2021 on the topic "Concept of Nutrition according to Ayurveda".



An interview telecast was delivered by Dr. Prafulla Fadanvis, Associate Professor on 21st November, 2021 on All India Radio Akashawani Kendra, Nagpur on the occasion of "WORLD PILES DAY".



PAPER PUBLICATION

On the occasion of 6th World Ayurveda Day 2021 organised by The Association of Ayurvedic Professionals of North America, Inc, United States of America on 2nd Nov. 2021, Dr. Pramod Khobragade presented importance of medicinal Plants.



NAGPUR COLLEGE OF PHARMACY (NCP)

EVENTS HELD

World Pharmacist Day

"Pharmacist Day 2021" was celebrated online by all staff as well as the students of the Nagpur College of Pharmacy on 25th September 2021.



"State Level Essay Writing Competition"

NCP organized a "State Level Essay Writing Competition" on 25th September 2021 on the occasion of Pharmacist Week. Nearly 550 students from entire Maharashtra State have participated in the competition. Winners were given attractive prizes.



1ST
ANJALI S. HIWALE
Laddhad College of Pharmacy,
Yelgaon, Buldhana



2ND
AMAN S. GUGLIYA
Shri Babasaheb Gharfalkar
College of Pharmacy,
Pulgaon, Wardha



3RD
TANUSHREE M. CHARDE
Nagpur College of Pharmacy,
Nagpur

Tree Plantation at NCP





JAWAHARLAL NEHRU MEDICAL COLLEGE (JNMC), Wardha

EMPLOYEE'S ACHIEVEMENT



Dr. Vedprakash Mishra

Pro-Chancellor, DMIMS (DU)

- Chairman-National Standing Committee for Medical Education
- Dean of National Academic and Accreditation Board IMA(HQ), New Delhi.
- Member – Advisory Editorial Board of JIMA, Kolkatta.
- Nominated as Member of the National Editorial Board for the Council for Teacher's Education Foundation-An International Multidisciplinary Journal (Council for Teacher's Education Foundation-CTEF).
- Conferred with the title of 'IMA Professor Emeritus' at IMA Headquarters, New Delhi on 5th September, 2021.
- 'Best Citizen Award' for the year 2020-2021 given by Rotary Club, Nagpur on 24.09.21.

Honorable Vice-Chancellor, DMIMS(DU), Dr. Rajiv Borle for being honored with the Lifetime Achievement Award by the Hon. Governor (M.S.) Shri. Bhagat Singh Koshyari at a function held at Raj Bhavan, Mumbai.



Dr. Lalitbhusan Waghmare

Pro-Vice-Chancellor,
DMIMS(DU)

Chairperson of Peer Team visit to D-A Pandu Memorial R.V. Dental College – 23-24 September, 2021.

Chairperson of Peer Team visit to Sridevara Jurs College of Nursing – 27-28 September, 2021.



Dr. (Mrs.) Adarshlata Singh

Director, SHPER

Dr. (Mrs.) Adarshlata Singh, Professor of Dermatology appointed as Director, SHPER.



Dr. Sunita Vagha
Prof. & Head, Pathology

Resource Person for Webinar on “Intellectual Property Rights : Patents and Copy Rights”

Topic : Mechanics of literary copy rights

Date : 19.06.2021

Organized by NEU, AIIMS, Kalyani



Dr. Anjali Borkar (Modak)
Professor of Anaesthesia

1st Prize – Slogan competition organized by Indian Society of Anesthesiologist NCB on occasion of world Anesthesia Day (16th Oct. 2021).

Executive Member in ISA City Branch Nagpur



Dr. Tripti Waghmare
Prof. of Physiology

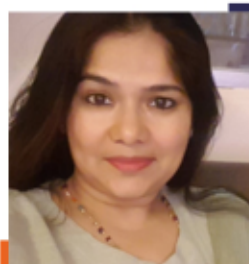
- Chairperson of Peer Team visit to Vananchal Dental College & Hospital, Grahwa, Jharkhand-5-6 October, 2021.
- Resource Person for Webinar on “Intellectual Property Rights : Patents and Copy Rights” - Topic : Mechanics of literary copy rights Date : 19.06.2021 - Organized by NEU, AIIMS, Kalyani
- Selected as a faculty of ‘Global Health Academy’ from India, an International academy for training

medical teachers and health professionals across the globe. It is established by seventh oldest medical school of US (Learner school of medicine established in 1822) and a chain of hospitals in U.S.



Dr. Gaurav Mishra
Asso. Prof.,
Radio-Diagnosis

Best paper award titled “Estimation of the mean metabolic ratio for the purpose of grading of Glial Tumors of the brain – 7th International Conference organized by Department of Biomedical Engineering – 25th & 27th March, 2021.



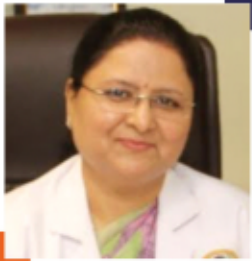
Dr. Neema Acharya
Professor & HOD,
Obst. & Gyne

Circle of Excellence Award by OBGY Society – Deoli Sawangi for the year 2020-2021 to department of Obstetrics & Gynecology, JNMC.



Dr. Surekha Tayade
Professor, Obst. & Gyne.

Resource Person Supervision of M.Sc. Public Health Practicum University LIMERICK, Ireland, School of Medicine, M.Sc. Public Health – 13.05.2021



Dr. Meenakshi Yeola
Prof. & Head,
General Surgery

Dr.Meenakshi Yeola, Professor & Head, Department of General Surgery. Guest Lecture on "Mesh infections" - National Digital CME and live operative hernia workshop "ZEN hospital, Surgi Fest- 2021"



Dr.Chandrashekhar Mahakalkar
Professor, General Surgery & CMS, AVBRH
Prof. & Head, General Surgery

Published an article titled "Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study" in the Q1 Scopus, PubMed Indexed Journal published with global collaboration with Birmingham UK. Impact Factor- 6.9.



Dr Sanjay Deshpande,
Prof, Dept of Orthopedics,
JNMC

For a Patent Titled – "Apparatus for determining Tibiofemoral deviation" - National patent
Patent Number- 374342



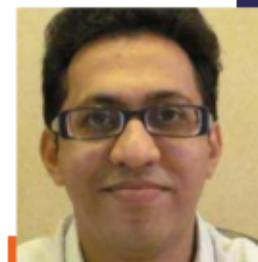
Dr.Sonali Choudhary
Vice-Dean (Research) &
Prof. of Community
Medicine

Journal : BMC Medical Education (Q1 Scopus, Pubmed)

Published : 13th April 2021

-Article in BMC Medical Education Q1 Journal.

-Applying Visual Mapping techniques to promote learning in Community based medical education activities – first ever education research publication.



Dr.Bhushan Madke
Professor & Head
Department of
Dermatology

Publication in Q1 rank article titled Prevalence and characteristics of Dermatological Manifestation in COVID-19 positive dermatologists: Report from a web based survey in India. Journal of European Acad. Dermatol. Venereol. 2021 July, 23 doi 10.1111/jdv17532.



Dr. Shailesh Nagpure,
Associate Professor,
Dept of Pharmacology,
JNMC

For a Patent Titled – "A combination comprising herbal anti-resorptive and mineral rich antioxidant)"

Type- International

Patent Number- 2021103080



Dr. Sanjeev Gyanchandani

Assistant Professor, General Surgery

Won the Vidarbha level Laparoscopic cholecystectomy Quiz organized by Vidarbha Surgeon's Association and Association of Surgeons of Nagpur held on 29th August 2021 at Nagpur.



Dr. Samarth Shukla

Professor , Pathology Para-Clinical



Ms. Bhargavi Yadav

2020 Batch – 1st MBBS

Miss Bhargavi Yadav nominated as student delegate representing India at WHO conf SEARO. This selection is based on her one of the two research papers being selected from India by Asian Medical Student association (AMSA).



Dr. Sunil Kumar

Professor , Medicine Medicine & Allied

BEST TEACHER AWARDS



Dr. Mrs. Tripti Waghmare

Professor , Physiology Pre-Clinical



Dr. Shradha Jain

Professor, ENT Surgery & Allied



IGNITE 2.0 WINNERS

Winners of the Oral Paper Presentations

1st Winner



Dr. Ayushi Singh (Jr.III, Pathology)

3rd Winner



Dr. Prateek Upadhyay
(Jr. III,
Orthopaedics)



Dr. Pragyamita Datta (Jr. II, Pathology)

IGNITE 2.0 WINNERS

Winners of the poster Presentations

1st Winner



Dr. Priyanka Singh (Jr.III, Obst. & Gyne.)



Dr. Anamika Giri (Jr. II, Medicine)



2nd Winner



Dr. Aditi Goyal (Jr. III, Pathology)

3rd Winner



Dr. Farhat Khan (Jr. III, E.N.T.)



Ms. Anubha Dhande, Intern, JNMC got 1st prize for Obstetrics case poster competition & Third prize Quiz Dr. Azoor, Dr. Nidhi M., Dr. Hard, Pgs of Department of OBGY at YOUTCHCON 21 held at Chandigarh.



EVENTS HELD

Department of Anatomy & JNMC Alumni Association Jointly Organized "Gratitude Ceremony" for 2020 Batch MBBS Students



Dr. Bhushan Lakhkar
Professor, Radio-Diagnosis 30.11.2021



Dr. T. K. Kamble
Professor, General Medicine 30.11.2021

SUPERANNUATION OF STAFF



Dr. Prakash Behere
Professor, Psychiatry
30.11.2021



Mr. Prakash Salve,
Lab.Assistant, JNMC 30.11.2021



SHARAD PAWAR DENTAL COLLEGE & HOSPITAL SAWANGI (M), WARDHA (SPDC)

EVENTS HELD

Oral Health Mela 2021



Oral health Mela was organized from 15th November to 20th November on the occasion of children's Day.



Oral Health Radio Talk delivered by Dr. Nilima Thosarat, throughout week, from 14th to 20th November 2021 on 90.4FM MGIRI Radio Station, Wardha, to increase awareness in Community mass level.



Pit and fissure sealant treatment camp at Civil Hospital was organized on 16/11/2021. Awareness and screening camp at Amagaon, Madani



Drawing competition for children, reporting in department for dental check-up, was conducted from 15/11/21 to 20/11/21.

EMPLOYEE'S ACHIEVEMENT

Lifetime Achievement Award For Dr. Rajiv Borle



Dr. Rajiv Borle, Hon'ble Vice Chancellor, was conferred Lifetime Achievement Awards by the Association of Oral and Maxillofacial Surgery at the Natcon, in Mangalore on 2nd December 2021, for his sincere and immense dedication towards his specialty, patients and students.



Patents For SPDC

One More
PATENT
for SPDC

Proud moment for us
Happy to share with all,
Australian Patent office grants
'Appratus for treating
sleep disorder'.
THE PATENT NO. IS 2021103112

Congratulations
to the inventors









Dr. Vikram Belkhole Dr. Surekha Dubey Dr. Sharayu Nimankar

One More
PATENT
for SPDC

Proud moment for us
Happy to share with all,
Indian Patent office grants
'Appratus for treating
sleep disorder'.
THE PATENT NO. IS 371056

Congratulations
to the inventors


Dr. Vikram Belkhole Dr. Surekha Dubey Dr. Sharayu Nimankar

Book On Value Education For Health Professional Courses



Chapter contributions by Dr. Nilima Thosar and Dr. Suwarna Dangore-Khasbage in book of Dr. Dalia Biswas titled "Book on value education for Health Professional Courses".

Certificate Of Merit



Dr. Mrunal G. Meshram
For securing
Second Position
In Scientific Paper
Presentation
Kids Webcon
Omr 2021

SOCIAL ACTIVITIES

Social Activities Camp at Orphanage Sevashram Wardha



PHD AWARDS

PH.D. Was Conferred On Faculty of Dentistry in 12th Convocation On 1.12.2021



Dr. Suwarna Dangore
HOD & Professor,
Dept. of Oral
Medicine & Radiology



Dr. Seema Rajnikanth Kambala
HOD & Professor,
Dept. of Prosthodontics



Dr. Anand Wankhede
Reader,
Dept. of Periodontics



RAVI NAIR PHYSIOTHERAPY COLLEGE, WARDHA (RNPC)

EVENTS HELD

World Osteoporosis Day



World Osteoporosis Day was organized by Community Physiotherapy Department of AVBRH, Sawangi (Meghe), Wardha on 20th October, 2021.

PG Collouuim Ugnite 2.0

PG Colloquium Ignite 2.0 was conducted on November 10, 2021 in RNPC Conference Hall.

World Heart Day 2021



Cardiorespiratory Physiotherapy Department Celebrated World Heart Day on 29/09/2021 in RNPC and AVBRH.

Mandala Art Competition



SOCIAL ACTIVITIES

Swachh Bharat Abhiyan 2021



Staff and students participated in Swach Bharat Abhiyan 2021

EMPLOYEE'S ACHIEVEMENT



Dr. Rakesh Kovala
 Vice Principal
 RNPC received
 Best Teacher
 2021 Award.



SMT. RADHIKABAI MEGHE MEMORIAL COLLEGE OF NURSING, SAWANGI (M), WARDHA (SRMMCON)

EVENTS HELD

Lamp Lighting Ceremony



Lamp lightening ceremony & oath taking of the stuents of SRMMCON was recently conducted. Oath taking by the student nurses is a very unique program and always start a new thing by the blessing of God and lamp lighting. So, it is a good symbol. Nursing is a devoted service and it gives sense of touch among the patients. Nurses are the heart of the hospital.



ACHARYA VINOBHA BHAVE RURAL HOSPITAL, SAWANGI(M), WARDHA

INSTITUTIONAL ACHIEVEMENT



On 15th August, 2021, AVBRH received "BEST PERFORMANCE HOSPITALS GOLD AWARD" at the hands of Guardian Minister Shri. Sunil Kedar.



Inauguration of "Family Health Card"



101st Test Tube baby delivered at IVF C

On 14th October, 2021 Acharya Vinoba Bhave Rural Hospital, Sawangi (M), Wardha's Test Tube IVF Center SMSC attained the milestone by delivering it's 101st baby.



73 cataract operations conducted



73 patients operated for cataract on 18th Sep., 2021 under guidance of Dr. Sachin Daigavane at AVBRH.



Yoga Session held on 9th October, 2021 for nurses on the occasion of "World Mental Health Day"

Signing of MOU



Meghe Group of Hospitals signed Memorandum of Understanding (MoU) in Sept, 2021 with Datar Cancer Genetics for Advance Colaborative Research which will offer innovative personalised precision oncology based solutions. The MoU was signed by Dr.Sandeep Srivastava, CEO Group of Hospitals and Dr.Vineet Datta Executive Director, Datar Cancer genetics in the presence of dignitaries Dr. Chandrashekar Mahakalkar (CMS,AVBRH) & Dr. George Fernandes (COO,SMSC).



Dattasagar Aapulaki Yojana

On 19th October,2021, AVBRH organized a Spectacles distribution programme under the "Dattasagar Aapulaki Yojana" to the AVBRH Patients at the hands of Dr.Abhayuday Meghe.

Diwali celebration at AVBRH



EVENTS HELD



"Patient Safety Day Program" organised on 17th September, 2021 at AVBRH

EMPLOYEE'S ACHIEVEMENT



On 12th August,2021 Dr. Rupali Naik was felicitated at the hands of Divisional Commissioner, Nagpur division Hon'ble Prajakta Lavangare Verma for Selected as transplant coordinator at AVBRH.



MEGHE GROUP OF SCHOOLS (MGS)

INSTITUTIONAL ACHIEVEMENT

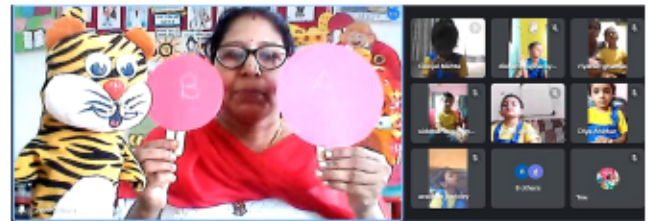
MGS... Creating Ripples In Online Education



MGS the continuous professional development always ensures teachers are equipped with requisite skills as per the need of the hour. Within no time the teachers at MGS were handling the online classes through Google Workspace for Education platform. The transition from a physical school to an online school was absolutely facile. Well defined and well-practiced systems enabled the two schools of MGS to receive the QS E-Lead certificate for academic digitalization excellence in schools with 100% score. The first Schools in India to receive this certification

The Unique And Distinctive Features Of Online School

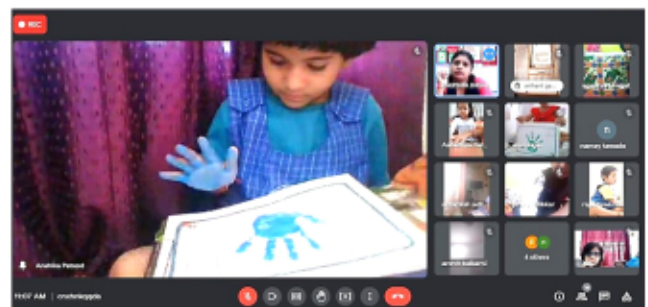
SOS CUBS -Toddlers of pre-primary in online School are engaged through interactive engagements. The pride of preschool-'Rio', too witnessed this transition phase as he accompanied the online teachers in their classes. It took no time for all the best practices in MGS to get underway.



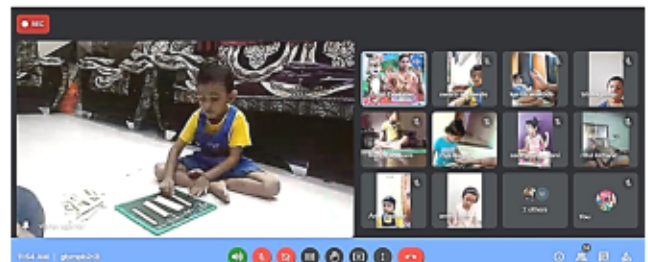
Rio in the pre-primary classroom



Art activity



Playing with colours

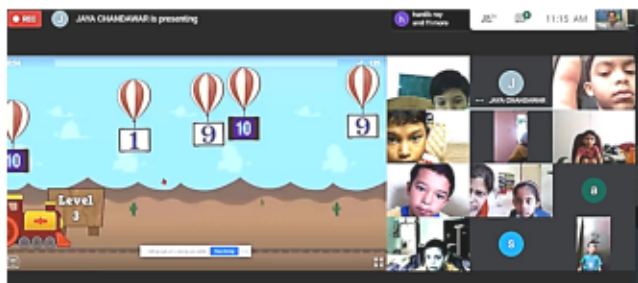


Straws come handy in counting!



Happy Online Classes and Joyful Learning

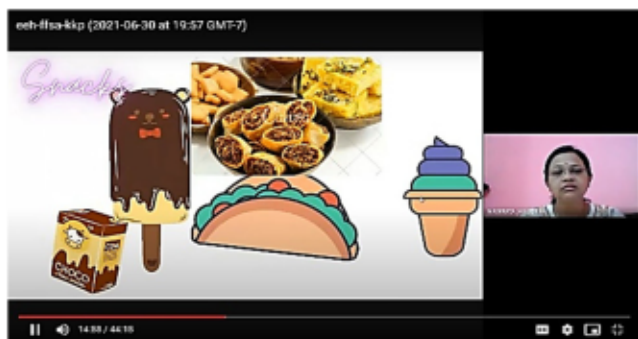
Gamification tools like Wordwall, Gcompris, Mentimeter, Quizzes, Quill, Bamboozle, Mathegon, Virtual Tours, interactive Google Slides and many more including interactive worksheets for students' assessment and practice.



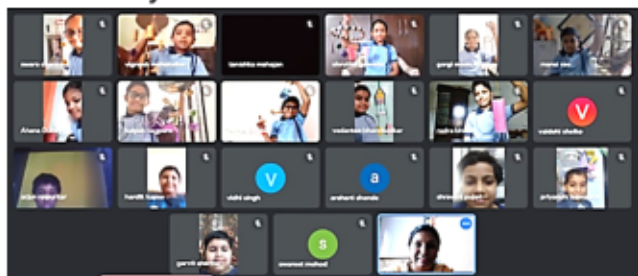
Developing arithmetic and Analytical thinking using Gcompris



Virtual trip to Parle-G factory



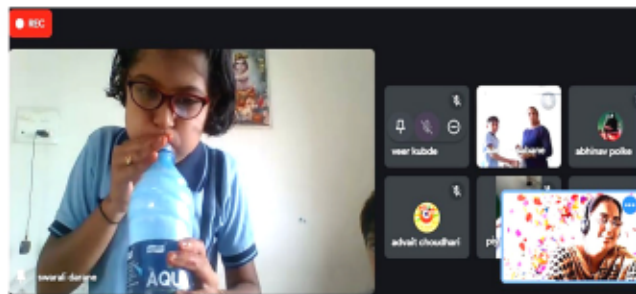
Friendly 'Canva' add colours to the class!



Blissful learning!

Scientific Temperament And Curiosity

- Enhancing curiosity, observation and scientific attitude by exploration
- Guided self-paced activities
- One to one interactions and sharing



Mini Miracle activity on Air pressure



Acid -Base Test



Cell Structure



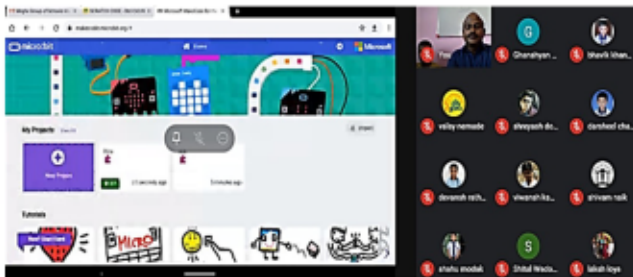
Food and Nutrition



Atal Tinkering Lab & Innovation Portal

Students get an opportunity to give shape to their ideas through hands-on, do-it-yourself mode; and learn innovation skills.

- **ATL HOME LAB**
- **Online resource**
- **Support for performing experiments**
- **Platform to showcase innovations**
- **Ideation**



Using Microbit for physical computing



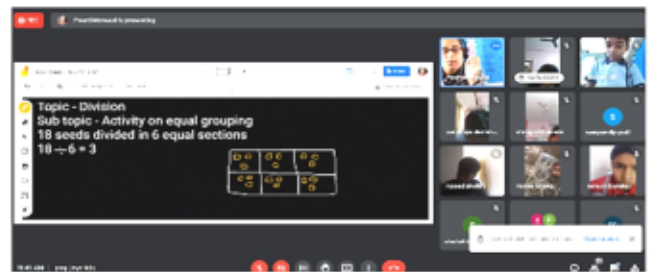
ATL Home Lab



Utilising Innovation Portal for 21st Century skills

Engaging Online Classes – Digital Tools

Engaging online tools like whiteboards, padlet, wakelet, bookcreator, Edpuzzle, Kahoot, mindmup, easychalk, toy theatre, liveworksheets, canva, colab, python tutor and stimulations like PHET, o-Lab for effective teaching learning process.



Use of Jamboard



Virtual Lab



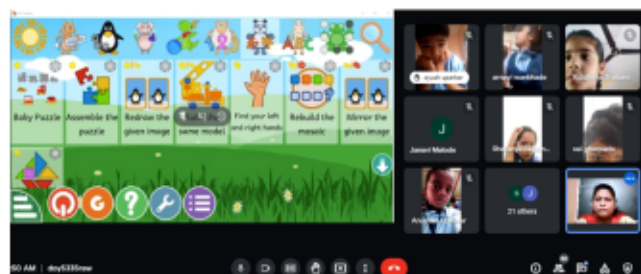
Panorama of digital tools!



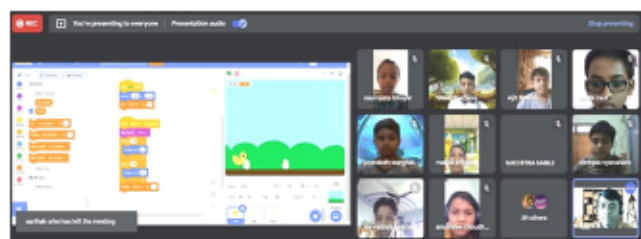
Computational Thinking (CT) -CS Pathshala

Computational Thinking is the process of formulating a problem, finding a solution to the problem and expressing it in such a way that humans or machines can understand the solution. CT is the fundamental 21st Century skill identified by NEP2020

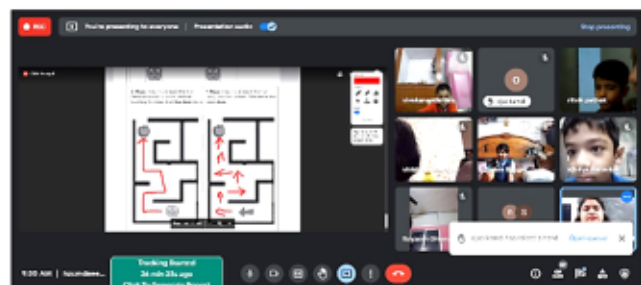
- First group schools in Vidarbha
- 20, 000+ students learning CT
- Integrated with Math and ICT
- Fun way of learning CT
- Critical Thinking through real life problems
- Algorithmic Approach
- 13.000+ students solved Bebras Challenge - International Problem Solving Challenge



Beam of activities employing CT Skills!



Coding through Scratch!

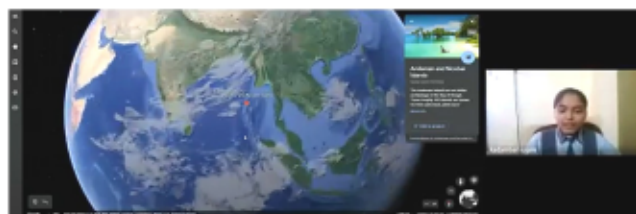


Inhouse worksheets integrating CT skills!

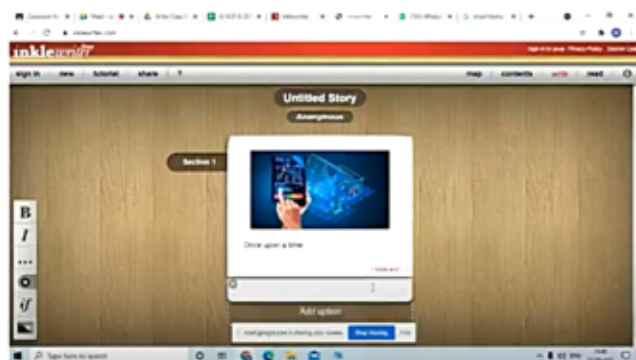
AI FOR ALL

Artificial Intelligence is the cognitive science which can be linked to various subjects from class 1 to 12

- AI tools Google Earth, Google Map, InkleWriter, Loopy, Auto Draw
- Hands on Activities and Exploration
- AI Project Framework
- AI based games
- AI Skill subject for classes VIII & IX



Google Earth!



Inklewriter for budding story writers

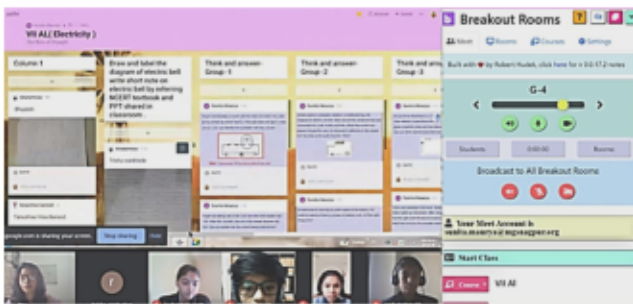


Simulations using PhET



EXPERIENTIAL LEARNING

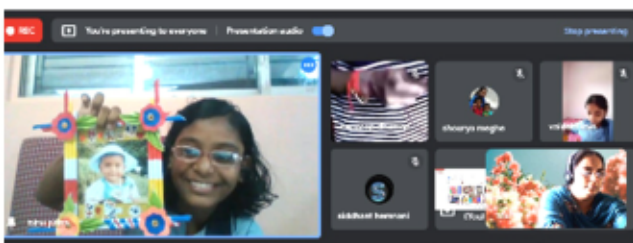
- Group Activities
- Projects
- Multidisciplinary projects
- Art Integration
- ICT Integration
- Peer Teaching
- Flipped Classrooms
- Role Plays



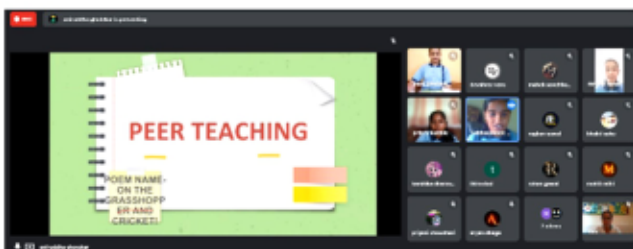
Voicing opinions in Breakout Rooms



Role Play



Budding artist



'I learn while I teach!'

PERSONALIZED LEARNING

- Achievers Class
- Individual and Small Group Activities
- Self-Paced Classes – Students are able to share doubts request tests at their pace of learning
Doubt Clearing

Webinars for Parents and Students

- Awareness
- Health and Environment
- Soft Skills
- Career Guidance
- Digital citizenship



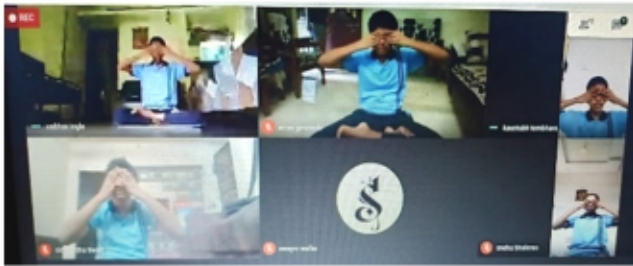
Webinar & guest lectures – a regular feature @ MGS





PHYSICAL AND MENTAL WELLBEING

- Sports
- Recreational Games
- Celebrations of special days International Yoga Day, Hindi Diwas, Independence Day, Guru



International Yoga Day



Hindi Diwas

INTERNATIONAL COLLABORATION

Aligned with the schools vision, the global connect remained uninterrupted in online school as well.

Collaborative projects with Netherland schools, Guatemala school

Penpal project – connecting with students across the globe through projects and articles based on various themes of education

6 students won first two prizes in three different levels in Global Spelling Bee 2021 conducted by SEK International School, Guatemala.



Partnering with Netherland students in learning



Learning from each other



Japanese Language

COLLABORATION WITH TCS

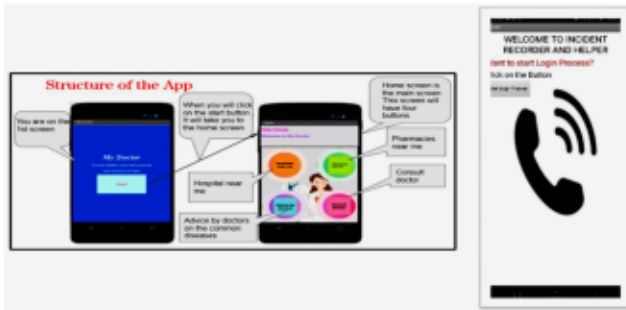
SOS has collaborated with TCS to unscramble computer science and help students gain the skills and confidence required to pursue STEM and become tomorrow's technology leaders.

goIT & goIT Tech Pathway -Artificial Intelligence

- Digital Social Innovators by using 21st century skills
- Design Thinking
- Story Board
- Prototypes
- Mobile App/AI project
- Collaboration with experts from Industry



Structure & Design of app using wireframe by students



Apps developed by students

CTIS 2021 CONFERENCE

Third International Online Conference – Computational Thinking in Schools hosted by SOS

- 2000 registrations across 28 countries
- EMINANT speakers across the globe
- 69 abstracts from 4 countries
- 5 papers out of 16 selected from SOS In the conference SOS teachers presented abstracts on
- Continuous Professional Development Program - Equipping Math and ICT Teachers with CT skills
- CT implementation through Coding using Scratch
- CT skills through Project based learning in Mathematics
- Learning Reasoning in Geometry through CT approach
- Physical Computing with a working model of Automated flushing system

Ignite my Future program for teachers, provides a transdisciplinary approach that integrates computational thinking into core subjects like Math and Science.

- Capacity building programme
- CT integration
- Project Based Learning
- Collaboration with experts from Industry Learning Leaders, organised by TCS-Ignite my Future - a Platform for teachers to learn together and share their professional growth.



3rd CTIS Conference hosted by School of Scholars



Learning Leaders – SOS Teachers sharing CT stories

CONTINUOUS PROFESSIONAL DEVELOPMENT PROGRAMME

- Pedagogy
- Digital Competency
- AI tools
- Experiential Learning
- Integrated Approach



Magnificent moments of CTIS 2021



DIGITAL LEARNING RESOURCES FOR ONLINE SCHOOL

Another unique feature of MGS is the digital resources for parents, teachers and students.

- SOS Digital Library
- Digital Learning Space for Preprimary to std X
- Student & Parent Portal
- SOS Prefectorial Portal
- Innovation Portal



SOS Digital Library



Digital Learning Space is a platform for students to learn at their own pace. Learning objectives, instructional approaches, and instructional content (and its sequencing) are based on students' needs. In addition, learning activities are made available driven by the interest of students paving the way to initiate self-learning among our students.

Vision

Mission

Digital Learning Space



Parent & Student Portal For Online Class



Student & Parent Portal



SOS Prefectorial Portal



Innovation Portal



Stories



Activities



Picture Dictionary



SOS CUBS Digital Library



NEHRU BAL SADAN

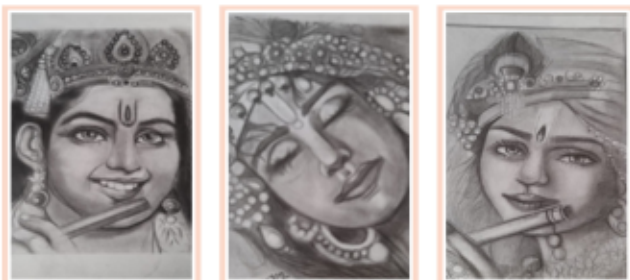
ACADEMIC TRANSITIONS FROM ONLINE TO OFFLINE



A Session on 'Academic Transitions from Online to Offline' classes was taken by Dr Vaishali Tendolkar, Principal, DMCON on 08.11.2021. After getting used to on-line classes, now students find it difficult to go to schools and attend off-line classes. The change of routine and back to disciplined life of school is difficult to adjust in the beginning.

AN ARTIST IN THE MAKING

Pankaj Bhojar of Nehru Bal Sadan is a budding artist. He is a student of MGHS 12th, Science stream. He has started this hobby of portrait making at a very early age. He has received prizes and certificates in many drawing competitions. A view of his drawings is appended below:-



LEARNING SOCIAL SKILLS (ACTIVITY SESSION)



A Session on ' Learning Social Skills (Activity Session)' was taken on 09.11.2021 by Dr. Sarita Modak, former H.O.D., Department of Psychology, R S Mundle Dharampeth Arts and Commerce College & Visiting Faculty, Dept of Psychology, RTMNU, Nagpur.

LEARNING FROM GANDHIAN THOUGHTS



A Session on 'Learning from Gandhian Thoughts' (Activity Session) was conducted on 10.11.2021 by Dr Shaini Suraj, Psychological Counselor. Gandhiji's journey from a shy, timid person to the great freedom fighter was discussed.



BARRISTER SHESHRAO WANKHEDE SHETKARI SAHAKARI SOOTGIRNI

EVENTS HELD



सूतगिरणीचे मा. उपाध्यक्ष श्री. मधूकररावजी वानखेडे यांचे हस्ते दि. 15.08.2021 ला स्वतंत्रता दिनानिमित्त ध्वजारोहन पार पडले.



सूतगिरणीत श्री गणेशाची स्थापना करून गणेशोत्सव साजरा करण्यात आला.



मा. उपाध्यक्ष श्री. मधूकररावजी वानखेडे, यांचे हस्ते सूतगिरणीत नविन आटोकोनर मशीनचे दि. 27.11.2021 ला उद्घाटन करण्यात आले.



सूतगिरणीच्या कामगार वसाहतीत दुर्गा देवी मंदीरात दि.07.10.2021 ते 15.10.21 पर्यंत नवरात्रोत्सव साजरा करण्यात आला या नवरात्रात महाआरती, भजन, किर्तन, होम हवन, गरबा व विविध स्पर्धांचे आयोजन करण्यात आले. सर्व कार्यक्रम सूतगिरणीतील अधिकारी, कर्मचारी व कामगार यांचे उपस्थितीत उत्साहात पार पडले.



या प्रसंगी आयोजित करण्यात आलेल्या गरबा कार्यक्रमात उत्साहाने सहभागी झालेल्या मूली.



या प्रसंगी लहान मूलासाठी फॅन्सी ड्रेस स्पर्धा आयोजित करण्यात आली होती.



सूतगिरणीचे कार्यकारी संचालक
मा. श्री व सौ. पाटील व अन्य अधिकारी

या प्रसंगी महीलांकरीता संगीत खूर्ची स्पर्धा आयोजित
करण्यात आली होती.



दि. 06.12.2021 रोजी महापरिनिर्वाण दिनानिमित्त महामानव डॉ. बाबासाहेब आंबेडकर यांना श्रध्दांजली अर्पण करण्यात आली.



EVENTS HELD

Cochlear Implant Switch-On Programme



Cochlear Implant Switch-on programme was recently organized by Nelson. Dr. Yogesh Kumbekar, IAS and CEO (ZP) was the Chief Guest for the programme.

Inauguration of "Neurosciences center"



Inauguration of Nelson Neurosciences center was done at the hands of the Union Minister for Road and Transport, Honorable Shri. Nitin Ji Gadkari, in the august presence of Honorable Shri. Dattaji Meghe at Nelson Hospital.



Health Camp organized at Hingna



CME on "Pediatric CVTS and Neurosurgery"



A CME was recently conducted by Nelson at Hotel Centre Point. Dr. Sandeep Iratwar and Dr. Sachin Kuthe, Senior Doctors of Nelson, were the expert speakers. More than 50 participants got benefitted by this program.

Health Checkup Camp at Kawdas



Health checkup camp conducted by Nelson hospital at Kawdas.

Diwali Celebration



Diwali celebrated with great zeal at Nelson hospital. All the doctors and the staffs participated in the cultural events that were conducted in the hospital.

Christmas Celebration



Inauguration of Nelson Neurosciences center was done at the hands of the Union Minister for Road and Transport, Honorable Shri. Nitin Ji Gadkari, in the august presence of Honorable Shri. Dattaji Meghe at Nelson Hospital.

Visit of Padmashri Dr. Vikas Mahatme



Parliament visited the hospital to boost the morale of doctors and the staff for performing free Cochlear Implant surgery under RBSK scheme in Central India. He also interacted with the parents of the children who were operated here at Nelson.



CEINSYS NAGPUR

INSTITUTIONAL ACHIEVEMENT

Ceinsys has received few significant orders from prestigious client which are as stated below.

A. State Water Sanitation Mission, Lucknow for Third Party Inspection and Monitoring of Physical and Financial Progress of various Rural Water Supply Projects in three Cluster of Uttar Pradesh. Ceinsys would work as an extended arm of SWSM in the technical and contractual issues connected with the project implementation in addition to this will also ensure quality, timely completion of projects within the budgeted costs without cost and time overrun.

B. Navi Mumbai Municipal Corporation for Property Survey and Analysis Project (PSAP) using LiDAR and 360 Degree Panoramic Data and Terrestrial Data and Develop web based GIS solution.

C. Madhya Pradesh Agency for Promotion of Information Technology for Providing Project Monitoring Unit (PMU) for Development, Implementation and Maintenance of GIS Development Projects for MAP_IT.

D. Uttar Pradesh Power Corporation Ltd for Operation, Maintenance and Support services for Unified GIS Solution for 2 years.

E. National Highway Authority of India for operating, maintaining, updating and upgrading RAMS System developed for all National Highways in India.

F. Repeat order from PHED Assam for planning and designing of a methodical and efficient water supply scheme for the villages of Assam and **Fugro USA** for event and Distress mapping for Pennsylvania, Virginia and Turnpike.

Another feather in the cap

In addition to ISO 9001:2015, ISO 14001:2015, ISO/IEC 27001: 2013 Ceinsys is successfully certified for ISO/ IEC 20000-1:2018, information technology service management systems (ITSM) in the month of August'2021.

EVENTS HELD

Ganesh Chaturthi



As per the tradition, Ganesh Festival was celebrated at Ceinsys Tech Ltd. with enthusiasm and vigour. Ganesh Sthapana of Lord Ganesh was done at Nagpur.

Diwali Celebration at Head Office



Diwali was celebrated on 2nd and 3rd of November across Ceinsys Tech Ltd. Two day's celebration was full of colours, enthusiasm and participation from employees across all locations.